City of Cincinnati

801 Plum Street
Cincinnati, Ohio 45202

CALENDAR

Cincinnati City Council

Wednesday, September 14, 2022 **2:00 PM** **Council Chambers, Room 300**

ROLL CALL

PRAYER AND PLEDGE OF ALLEGIANCE

FILING OF THE JOURNAL

MAYOR AFTAB

Citizen Complaint Authority

1. 202201698 **APPOINTMENT**, submitted by Mayor Aftab Pureval, I hereby appoint Ashley Harp to the Citizen Complaint Authority for a term of two years. This appointment is submitted to City Council for its advice and consent pursuant to its Rules. (Female/African American).

Recommendation CONFIRM

Sponsors: Mayor

2. 202201753 **REAPPOINTMENT,** submitted by Mayor Aftab Pureval, I hereby reappoint Tracey Johnson to the Citizen Complaint Authority for a term of two years. This appointment is submitted to City Council for its advice and consent pursuant to its Rules. (Female/African American).

Recommendation CONFIRM

Sponsors: Mayor

3. 202201754 **REAPPOINTMENT,** submitted by Mayor Aftab Pureval, I hereby reappoint Wanda Spivey to the Citizen Complaint Authority for a term of two years. This appointment is submitted to City Council for its advice and consent pursuant to its Rules. (Female/African American).

Recommendation CONFIRM

Sponsors: Mayor

Cincinnati Board of Health

4. 202201699 **REAPPOINTMENT**, submitted by Mayor Aftab Pureval, I hereby reappoint Edward Herzig, MD to the Cincinnati Board of Health for a term of three years. This appointment is submitted to City Council for its advice and consent pursuant to its Rules. (Male/White).

Recommendation CONFIRM

Sponsors: Mayor

FC Cincinnati Community Coalition

5. 202201707 **APPOINTMENT**, submitted by Mayor Aftab Pureval, I hereby appoint Mark Alexander to the FC Cincinnati Community Coalition, having been submitted to my office by the West End Community Council as one of their two allotted representatives, for a term of three years. This appointment is submitted to City Council for its advice and consent pursuant to its Rules. (Male/African American).

Recommendation CONFIRM

Sponsors: Mayor

6. 202201708 **APPOINTMENT**, submitted by Mayor Aftab Pureval, I hereby appoint Patricia Charlton to the FC Cincinnati Community Coalition, having been submitted to my office by the City West Neighborhood Association, Inc. as their allotted representative, for a term of three years. This appointment is submitted to City Council for its advice and consent pursuant to its Rules. (Female/African American).

Recommendation CONFIRM

Sponsors: Mayor

7. 202201756 **APPOINTMENT,** submitted by Mayor Aftab Pureval, I hereby appoint Meeka Owens to the FC Cincinnati Community Coalition for a term of three years. This appointment is submitted to City Council for its advice and consent pursuant to its Rules. (Female/African American).

Recommendation CONFIRM

Sponsors: Mayor

Cincinnati Retirement System Board of Trustees

8. 202201755 **APPOINTMENT,** submitted by Mayor Aftab Pureval, I hereby appoint Tom West to the Board of Trustees for the Cincinnati Retirement System to fill the unexpired term of Erica Winstead, expiring on September 23, 2024. This appointment is submitted to City Council for its advice and consent pursuant to its Rules. (Male/White).

Recommendation CONFIRM

Sponsors: Mayor

CITY MANAGER

9. 202201660 **REPORT**, dated 9/14/2022, submitted by Sheryl M. M. Long, City Manager, regarding **Report - Tax Incentive Review Council Status of Property Tax Agreements for Year End 2021**

Recommendation BUDGET AND FINANCE COMMITTEE

Sponsors: City Manager

10. 202201745 **REPORT,** dated 9/14/2022, submitted by Sheryl M. M. Long, City Manager, regarding Special Event Permit Application for Go Big Day Celebrating the Beechmont Connector.

Recommendation FILE

Sponsors: City Manager

11. 202201760 **REPORT,** dated 9/14/2022 submitted by Sheryl M. M. Long, City Manager, on a communication from the State of Ohio, Division of Liquor Control, advising of a permit application for KWS Ventures LLC, 3410 Telford Street. (#4948907, D1, New) [Objections: None]

Recommendation FILE

Sponsors: City Manager

12. 202201761 **REPORT**, dated 9/14/2022 submitted by Sheryl M. M. Long, City Manager, on a communication from the State of Ohio, Division of Liquor Control, advising of a permit application for KWS Ventures LLC, 3410 Telford Street. (#4948907, D2 D3 D3A, New) [Objections: None]

Recommendation FILE

Sponsors: City Manager

13. 202201762 **REPORT**, dated 9/14/2022 submitted by Sheryl M. M. Long, City Manager, on a communication from the State of Ohio, Division of Liquor Control, advising of a permit application for KOL Group LLC, DBA Tulu Nightclub and Cocktail Bar, 920 Race Street. (47674070001, D1 D2 D3 D3A D6, Transfer) [Objections: None]

Recommendation FILE

Sponsors: City Manager

14. 202201763 **REPORT**, dated 9/14/2022 submitted by Sheryl M. M. Long, City Manager, on a communication from the State of Ohio, Division of Liquor Control, advising of a permit application for El Valle Verde Supermarket LLC, DBA El Valle Verde, 7047 Vine Street. (24666450001, C1 C2, Transfer) [Objections: None]

Recommendation FILE

Sponsors: City Manager

15. 202201767 **ORDINANCE** submitted by Sheryl M. M. Long, City Manager, on 9/14/2022, **ACCEPTING AND CONFIRMING** the grant of a public utility easement in favor of the City of Cincinnati for water mains and related fixtures, equipment, and appurtenances through certain real property being a private street known as Colonial Ridge Court located on and across Lot 3 of Plat of Partition of the Estate of John Agnew (Deceased), in Pleasant Ridge in accordance with the plat entitled Permanent Easement Plat for Water Main and Appurtenances along Colonial Ridge Court, as recorded in Plat Book 493, Page 15, Hamilton County, Ohio Recorder's Office.

Recommendation BUDGET AND FINANCE COMMITTEE

Sponsors: City Manager

16. 202201768 **ORDINANCE** submitted by Sheryl M. M. Long, City Manager, on 9/14/2022, **ACCEPTING AND CONFIRMING** the grant of a public utility easement in favor of the City of Cincinnati for water mains and related fixtures, equipment, and appurtenances through certain real property being part of Lot 6 of the Cast Fab Subdivision in Oakley in accordance with the plat entitled Easement Plat for Greater Cincinnati Water Works Water Main Graphite Oakley, LLC CIN 315-WW003815\MF16668 E-1083, as recorded in Plat Book 487, Page 32, Hamilton County, Ohio Recorder's Office.

Recommendation BUDGET AND FINANCE COMMITTEE

Sponsors: City Manager

17. 202201769 **ORDINANCE** submitted by Sheryl M. M. Long, City Manager, on 9/14/2022, **AUTHORIZING** the City Manager to apply for a grant in the amount of up to $5,000,000 from the Highway Safety Improvement Program Formal Safety Application process, administered by the Ohio Department of Transportation, for the purpose of providing financial assistance for the Harrison Avenue Safety Improvement Project to right-size Harrison Avenue from Queen City Avenue to Kling Avenue by reducing vehicle lanes to three and implementing other various safety improvements along the corridor.

Recommendation BUDGET AND FINANCE COMMITTEE

Sponsors: City Manager

18. 202201770 **ORDINANCE (EMERGENCY)** submitted by Sheryl M. M. Long, City Manager, on 9/14/2022, **AUTHORIZING** the City Manager to accept a monetary donation of up to $62,500 from the Cincinnati Blue Line Foundation for the purpose of meeting the City's local match requirement under the FY 2022 Port Security Grant Program for the Cincinnati Police Department's (CPD) Patrol Boat Program; and AUTHORIZING the Finance Director to deposit the donated funds into Public Safety Special Projects Fund revenue account no. 456x8571.

Recommendation BUDGET AND FINANCE COMMITTEE

Sponsors: City Manager

19. 202201771 **ORDINANCE** submitted by Sheryl M. M. Long, City Manager, on 9/14/2022, **AUTHORIZING** the City Manager to apply for and accept a Climate Communities Technical Assistance Program Grant from the U.S. Department of Housing and Urban Development ("HUD") for the purpose of providing technical assistance for entitlement communities as part of HUD's Climate Action Plan Climate Communities Initiative.

Recommendation BUDGET AND FINANCE COMMITTEE

Sponsors: City Manager

20. 202201772 **ORDINANCE** submitted by Sheryl M. M. Long, City Manager, on 9/14/2022, **AUTHORIZING** the City Manager to accept and appropriate a donation in the amount of $5,000 from the Cincinnati Recreation Foundation to the Cincinnati Recreation Commission ("CRC") for the purpose of providing resources for CRC's Miracle League Baseball Program; AUTHORIZING the City Manager to accept and appropriate a donation in the amount of $800 from Elder High School to the Cincinnati Recreation Commission for the purpose of providing resources to support sponsorship fees for a Miracle League Baseball team; and AUTHORIZING the Finance Director to deposit $5,800 in donated resources into Contributions for Recreation Purposes Fund 319 revenue account no. 319x8571.

Recommendation BUDGET AND FINANCE COMMITTEE

Sponsors: City Manager

21. 202201773 **ORDINANCE (EMERGENCY)** submitted by Sheryl M. M. Long, City Manager, on 9/14/2022, **ESTABLISHING** capital improvement program project account no. 980x255x232543, "Salt Domes Repairs and Replacements," for the purpose of providing resources for the repair and replacement of the Dunbar, Crookshank, and North Central salt domes; and AUTHORIZING the transfer and appropriation of $450,000 from the unappropriated surplus of Income Tax-Infrastructure Fund 302 to the newly established capital improvement program project account no. 980x255x232543, "Salt Domes Repairs and Replacements."

Recommendation BUDGET AND FINANCE COMMITTEE

Sponsors: City Manager

22. 202201774 **ORDINANCE** submitted by Sheryl M. M. Long, City Manager, on 9/14/2022, **AUTHORIZING** the expenditure of funds up to the amount of $20,000 from Water Works non-personnel operating budget account no. 101x306x2000x7289 and up to the amount of $20,000 from Water Works non-personnel operating budget account no. 101x304x4000x7299 for a total combined expenditure of up to $40,000 to reconfigure private plumbing and water service lines to connect certain residents to the water main in Central Parkway so that the Stier Alley water main may be abandoned; and DECLARING such expenditure to serve a public purpose.

Recommendation BUDGET AND FINANCE COMMITTEE

Sponsors: City Manager

23. 202201775 **ORDINANCE** submitted by Sheryl M. M. Long, City Manager, on 9/14/2022, **MODIFYING** Chapter 311 of the Cincinnati Municipal Code, "City of Cincinnati Income Tax," by ENACTING new Sections 311-9-L2, "Lottery Sports Gaming," 311-9-S7, "Sports Gaming," 311-9-S8, "Sports Gaming Facility," 311-9-T9, "Type B Sports Gaming Proprietor," and by AMENDING Section 311-31, "Collection at Source; Casino and VLT," for the purpose of requiring Type B sports gaming proprietors and lottery sales agents to withhold and remit municipal income tax to satisfy requirements made necessary by the legalization of sports betting in Ohio as of January 1, 2023.

Recommendation PUBLIC SAFETY & GOVERNANCE COMMITTEE

Sponsors: City Manager

24. 202201776 **ORDINANCE** submitted by Sheryl M. M. Long, City Manager, on 9/14/2022, **MODIFYING** Title XVI, "Neighborhood Quality of Life Uniform Code," of the Cincinnati Municipal Code by REPEALING Section 1601-46, "Prohibited Sign Types and Locations," as it is a duplicate section of the Cincinnati Municipal Code and to better align the City's Neighborhood Quality of Life Uniform Code with best practices for protecting the health, safety, and welfare of the citizens of Cincinnati.

Recommendation PUBLIC SAFETY & GOVERNANCE COMMITTEE

Sponsors: City Manager

25. 202201781 **REPORT,** dated 9/14/2022, submitted Sheryl M. M. Long, City Manager, regarding South Fairmont Traffic Calming.

Recommendation CLIMATE, ENVIRONMENT & INFRASTRUCTURE COMMITTEE

Sponsors: City Manager

BUDGET AND FINANCE COMMITTEE

26. 202201702 **REPORT**, dated 9/8/2022, submitted by John P. Curp, Interim City Manager, regarding PACE Financing and Government Efficiencies. (SEE REFERENCE DOCUMENT #202200791)

Recommendation APPROVE & FILE

Sponsors: City Manager

27. 202201737 **ORDINANCE (EMERGENCY)** submitted by Sheryl M. M. Long, City Manager, on 9/8/2022, **AMENDING** Ordinance No. 0341-2021 to correct the designated fund in which the Director of Finance is authorized to deposit proceeds received in connection with the sale of real property authorized by said ordinance.

Recommendation PASS EMERGENCY

Sponsors: City Manager

28. 202201738 **ORDINANCE** submitted by Sheryl M. M. Long, City Manager, on 9/8/2022, **AUTHORIZING** the City Manager to execute a *Grant of Easements* in favor of OTR Holdings, Inc., pursuant to which the City of Cincinnati will grant easements for step encroachments upon portions of Green and Race Streets in Over-the-Rhine.

Recommendation PASS

Sponsors: City Manager

29. 202201739 **ORDINANCE** submitted by Sheryl M. M. Long, City Manager, on 9/8/2022, **AUTHORIZING** the City Manager to execute a *Grant of Easement* in favor of Robert B. Hinton, Jr., pursuant to which the City of Cincinnati will grant an easement for retaining walls and pavement that encroach upon portions of Handasyde Court and Menlo Avenue in Hyde Park.

Recommendation PASS

Sponsors: City Manager

30. 202201741 **ORDINANCE** submitted by Sheryl M. M. Long, City Manager, on 9/8/2022, **AUTHORIZING** the City Manager to execute a *Property Sale Agreement* with Cinfed Federal Credit Union, pursuant to which the City will sell certain real property located at 4700 Ridge Avenue in Oakley, acquire a portion of real property located at 4704 Ridge Avenue in fee simple for public right-of-way purposes, and acquire a public utility easement on, under, and across a portion of said real property located at 4704 Ridge Avenue.

Recommendation PASS

Sponsors: City Manager

31. 202201742 **ORDINANCE** submitted by Sheryl M. M. Long, City Manager, on 9/8/2022, **AUTHORIZING** the City Manager to execute a *Property Sale Agreement* with Marshall at Central, LLC, pursuant to which the City will vacate and convey certain real property designated as public right-of-way known as Hallmar Avenue in the CUF neighborhood of Cincinnati.

Recommendation PASS

Sponsors: City Manager

REVISED

SUPPLEMENTAL ITEMS

CLIMATE, ENVIRONMENT & INFRASTRUCTURE COMMITTEE

32. 202201574 **REPORT,** dated 8/3/2022, submitted by John P. Curp, Interim City Manager, regarding Department of Transportation and Engineering - 2021 Infrastructure Condition Reports.

Recommendation APPROVE & FILE

Sponsors: City Manager

33. 202201575 **REPORT**, dated 8/3/2022, submitted by John P. Curp, Interim City Manager, regarding the WEST SIDE BIKE TRAIL (REFERENCE DOCUMENT #202201292).

Recommendation APPROVE & FILE

Sponsors: City Manager

34. 202201747 **MOTION**, submitted by Councilmembers Cramerding and Owens, **WE MOVE** that the Administration provide a report to outlining the parameters, processes, and constraints of the current yard waste disposal program. It should outline what the Ohio Revised Code and the Ohio Environmental Protection Agency require for yard waste disposal and identify better or best practices for yard waste removal and separation. (STATEMENT ATTACHED).

Recommendation ADOPT

Sponsors: Cramerding and Owens

35. 202201673 **MOTION**, submitted by Councilmembers Cramerding, Owens and Vice Mayor Kearney, **WE MOVE** the Administration to produce a report within 60 days on the legality and options for increased flexibility on how the Urban Forestry frontage assessment funds are utilized, including identifying other Ohio cities that have more flexibility in their programs. The current program is limited to planting, maintenance and management of trees that are within and/or pose a risk to the right of way. If the funds could be used to plant and maintain trees on other public property, including other city property or Cincinnati Public Schools property, it could be a tool in reducing heat islands in vulnerable low canopy neighborhoods, such as Bond Hill, Avondale, Millvale, Winton Hills and others. This motion and the subsequent report should not raise the assessment, just create flexibility on how existing funds could be spent.

Recommendation ADOPT

Sponsors: Cramerding, Owens and Kearney

36. 202201740 **ORDINANCE** submitted by Sheryl M. M. Long, City Manager, on 9/8/2022, **AUTHORIZING** the City Manager to take all necessary and proper actions to cooperate with the Director of the Ohio Department of Transportation to facilitate the performance of bridge maintenance activities for the bridges located on State Route 32 over the Little Miami River, 9th Street over Interstate 75, and E. McMillan Street over Interstate 71 in connection with the Ohio Department of Transportation's district-wide bridge maintenance project in the City of Cincinnati.

Recommendation PASS

Sponsors: City Manager

37. 202201743 **ORDINANCE** submitted by Sheryl M. M. Long, City Manager, on 9/8/2022, **MODIFYING** Chapter 1117, "Housing Code," of the Cincinnati Municipal Code by amending Section 1117-15, "Fire-Protective Features," and Section 1117-45, "General Maintenance and Repair"; and MODIFYING the provisions of Chapter 1219, "Miscellaneous Regulations," by enacting new Section 1219-73, "Self-Closing Doors," all to implement enhanced fire safety measures that promote the containment and suppression of flame and smoke in multi-family residential structures.

Recommendation PASS

Sponsors: City Manager

EQUITABLE GROWTH & HOUSINGS COMMITTEE

38. 202201706 **ORDINANCE** submitted by John P. Curp, Interim City Manager, on 9/13/2022, **AMENDING** the official zoning map of the City of Cincinnati to rezone certain real property in the Pleasant Ridge neighborhood located at 6010, 6018, 6024, and 6026 Montgomery Road and 5984 and 5988 Lester Road from the CC-P, "Commercial Community-Pedestrian," and RMX, "Residential Mixed," zoning districts to Planned Development District No. 93, "Montgomery and Lester Development." (Subject to the Temporary Prohibition List <https://www.cincinnati-oh.gov/law/ethics/city-business>)

Recommendation PASS

Sponsors: City Manager

39. 202201674 **ORDINANCE** submitted by John P. Curp, Interim City Manager, on 9/13/2022, **ESTABLISHING** Urban Parking Overlay District #3, "West End," in the West End neighborhood as an urban parking overlay district to eliminate minimum off-street parking requirements in the area.

Recommendation PASS

Sponsors: City Manager

40. 202201683 **ORDINANCE (EMERGENCY)** submitted by John P. Curp, Interim City Manager, on 9/13/2022, **AUTHORIZING** the installation of certain signage on the stadium located at 1 Paul Brown Stadium in the Central Business District NOTWITHSTANDING the provisions of Section 1411-39, "Signs" of Chapter 1411, "Downtown Development Districts," of the Cincinnati Municipal Code. (Subject to the Temporary Prohibition List <https://www.cincinnati-oh.gov/law/ethics/city-business>)

Recommendation PASS EMERGENCY

Sponsors: City Manager

41. 202201710 **ORDINANCE** submitted by John P. Curp, Interim City Manager, on 9/13/2022, **APPROVING** a major amendment to the concept plan and development program statement governing a portion of Planned Development No. 64 - Phase 2B located south of Vandercar Way in the Oakley neighborhood to eliminate a proposed office building and to permit the development of an entertainment complex consisting of eating and drinking uses and recreation and entertainment uses. (Subject to the Temporary Prohibition List <https://www.cincinnati-oh.gov/law/ethics/city-business>)

Recommendation PASS

Sponsors: City Manager

42. 202201709 **ORDINANCE** submitted by John P. Curp, Interim City Manager, on 9/13/2022, **APPROVING** a major amendment to the concept plan and development program statement governing a portion of Planned Development No. 64 - Phase 2B located north of Vandercar Way in the Oakley neighborhood to eliminate a proposed parking garage, to reposition and reduce the square footage of a proposed office building, and to permit the development of a hotel. (Subject to the Temporary Prohibition List <https://www.cincinnati-oh.gov/law/ethics/city-business>)

Recommendation PASS

Sponsors: City Manager

43. 202201658 **ORDINANCE** submitted by John P. Curp, Interim City Manager, on 9/13/2022, **AMENDING** the official zoning map of the City of Cincinnati to rezone the real property located at 3002-3026 Woodburn Avenue in the Evanston neighborhood from the RMX, “Residential Mixed,” zoning district to the RM-0.7, “Residential Multi-Family,” zoning district to facilitate the construction of a 29-home single-family development. (Subject to the Temporary Prohibition List <https://www.cincinnati-oh.gov/law/ethics/city-business>)

Recommendation PASS

Sponsors: City Manager

ANNOUNCEMENTS

Adjournment

AFTAB PUREVAL
City of Cincinnati, Office of the Mayor

August 2022

APPOINTMENT

I hereby appoint Ashley Harp to the Citizen Complaint Authority for a term of two years. This appointment is submitted to City Council for its advice & consent pursuant to its Rules.

_____
Mayor Aftab Pureval

AH

Ashley Harp

Advisor

Cincinnati, OH 45207 [redacted] [redacted]

PROFESSIONAL SUMMARY

Results-driven Executive with 8 years of progressive experience in Education and the progression of the Medical Medicinal industry. Exceptional leader, change manager and complex problem solver. Proven skills in operations oversight, policy development and process improvements.

ACCOMPLISHMENTS

Leading and organizing city wide Earth Day events for the community which included networking with different business owners within the community, finding Sponsorship, and providing education.

SKILLS

- Operational Leadership
- Change and Growth Management
- Effective Communicator and Public Speaker
- Leadership and People Development
- Educator

WORK HISTORY

CEO

05/2014 to CURRENT

PHG INC. | Cincinnati, OH

- Built productive relationships with industry partners and competitors to support strategic business objectives.
- Managed partnerships and strategic business relationships by negotiating contract terms and handling conflicts.
- Developed key operational initiatives to drive and maintain substantial business growth.
- Reviewed individual department performance and worked with leadership to improve processes, procedures and practices.
- Maintained effective staff and resource utilization rates to balance financial and operational obligations.
- Devised new promotional approaches to boost customer numbers and market penetration while enhancing engagement and driving growth.
- Cultivated forward-thinking, inclusive and performance-oriented business culture to lead industry in innovation and push progress.

PATIENT CARE ADVISOR

01/2019 to 03/2020

Green X | Cincinnati, OH

- Contributed to determination of type and duration of services necessary to meet client needs.

- Obtained information as necessary, reporting information to supervisor, and helping to monitor supply of medications.
- Applied knowledge and courtesy to explain procedures and services to Client
- Organized studies on the Variance of the different Medicinal products.
- Kept current with literature and Certification advancements to advocate to and for the client

LONG-TERM SUBSTITUTE TEACHER

08/2014 to 05/2019

Cincinnati Public Schools | Cincinnati, OH

- Repeatedly requested as substitute teacher by teachers based on excellent past referrals and trusted performance.
- Maintained day-to-day classroom management and discipline to promote learning initiatives.
- Taught diverse subjects for grades K-8, successfully delivering seamless teaching in absence of regular teacher.
- Organized lesson plans using teaching software for long-term interim assignments.
- Kept students on-task with proactive behavior modification and positive reinforcement strategies.
- Administered state wide test
- Taught long term 10th grade English

EDUCATION

Bachelor of Arts | Education *05/2014*

Bennett College For Women, Greensboro, NC

CERTIFICATIONS

- Metric Training (Certification)
- Leaf Logix Training (Certification)

202201753

AFTAB PUREVAL
City of Cincinnati, Office of the Mayor

August 2022

REAPPOINTMENT

I hereby reappoint Tracey Johnson to the Citizen Complaint Authority for a term of two years. This appointment is submitted to City Council for its advice & consent pursuant to its Rules.

Mayor Aftab Pureval

801 Plum Street • Suite 150 • Cincinnati, Ohio 45202 • Phone: (513) 352-3250

202201754

AFTAB PUREVAL
City of Cincinnati, Office of the Mayor

August 2022

REAPPOINTMENT

I hereby reappoint Wanda Spivey to the Citizen Complaint Authority for a term of two years. This appointment is submitted to City Council for its advice & consent pursuant to its Rules.

Mayor Aftab Pureval

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AFTAB PUREVAL
City of Cincinnati, Office of the Mayor

August 2022

REAPPOINTMENT

I hereby reappoint Edward Herzig, MD to the Cincinnati Board of Health for a term of three years. This appointment is submitted to City Council for its advice & consent pursuant to its Rules.

_____
Mayor Aftab Pureval

AFTAB PUREVAL
City of Cincinnati, Office of the Mayor

August 2022

APPOINTMENT

I hereby appoint Mark Alexander to the FC Cincinnati Community Coalition, having been submitted to my office by the West End Community Council as one of their two allotted representatives, for a term of three years. This appointment is submitted to City Council for its advice & consent pursuant to its Rules.

_____
Mayor Aftab Pureval

AFTAB PUREVAL
City of Cincinnati, Office of the Mayor

August 2022

APPOINTMENT

I hereby appoint Patricia Charlton to the FC Cincinnati Community Coalition, having been submitted to my office by the City West Neighborhood Association, Inc. as their allotted representative, for a term of three years. This appointment is submitted to City Council for its advice & consent pursuant to its Rules.



Mayor Aftab Pureval

20220756

AFTAB PUREVAL

City of Cincinnati, Office of the Mayor

August 2022

APPOINTMENT

I hereby appoint Councilmember Meeka Owens to the FC Cincinnati Community Coalition for a term of three years. This appointment is submitted to City Council for its advice & consent pursuant to its Rules.

Mayor Aftab Pureval

801 Plum Street • Suite 150 • Cincinnati, Ohio 45202 • Phone: (513) 352-3250

202201755

AFTAB PUREVAL
City of Cincinnati, Office of the Mayor

August 2022

APPOINTMENT

I hereby appoint Tom West to the Board of Trustees for the Cincinnati Retirement System to fill the unexpired term of Erica Winstead, expiring on September 23, 2024. This appointment is submitted to City Council for its advice & consent pursuant to its Rules.

Mayor Aftab Pureval

801 Plum Street • Suite 150 • Cincinnati, Ohio 45202 • Phone: (513) 352-3250

city of CINCINNATI
Interdepartment Correspondence Sheet

September 14, 2022

To: Mayor and Members of City Council 202201660

From: Sheryl M. M. Long, City Manager

Subject: **Report - Tax Incentive Review Council Status of Property Tax Agreements for Year End 2021**

BACKGROUND

The Tax Incentive Review Council (TIRC) held its annual meeting on June 23, 2022 to review the 2021 Period performance of companies granted property tax exemptions under Section 5709.85, 725, and 3735.672 of the Ohio Revised Code (ORC). The TIRC review determines whether businesses have complied with the terms of their agreement related to project investment and job retention/creation. The tax exemption agreements typically allow the company three years to achieve investment and job goals.

The TIRC recommends continuation, modification, or termination of Community Reinvestment Area (CRA) agreements and Tax Increment Financing (TIF) exemptions. It is important to note that the majority of tax exemption agreements executed by the City in recent years have been CRAs. TIF Agreements are more complex and tend to be used for large projects and have longer terms.

The following documents are attached:

- Attachment I (*TIRC 2022 Meeting Minutes and Summary Report*) reflects the minutes of the TIRC's 2022 Annual Meeting and the Summary Report.
- Attachment II (*2022 TIRC Report – TIF Exemptions*) represents details of the 2021 year-end status of TIF Projects (General Information and Reporting Information), TIF Districts, and ORC 725 Exemptions.
- Attachment III (*2022 TIRC Report – CRA Agreements*) reflects details of the 2021 CRA Tax Abatements in four sections: General Information, Reporting Information, Construction Information, and Jobs & Payroll Information.
- Attachment IV (Letter from CPS on PILOT Delinquencies) is a letter from Cincinnati Public Schools reporting on the companies with CRA Agreements that have not made their CPS PILOT payments for 2 or more cycles.

PERFORMANCE OF TIF DISTRICTS AND TIF PROJECTS

The TIRC is required to review Tax Incentive Financing Agreements created after 1994 including TIF Projects and TIF Districts. Attachment II provides summary information on the 56 Project TIFs, 35 District TIFs, and nine ORC 725 exemptions. All companies with TIF or ORC 725 exemptions are in compliance with required service payments and these exemptions are recommended for continuation.

PERFORMANCE OF COMMERCIAL CRA AGREEMENTS

During the 2021 period there were 357 active Commercial CRA agreements. A breakdown of the 2021 review and performance is summarized below and is also detailed in Attachments I and III*:*

- 313 agreements are recommended for **continuation**.
- Thirty agreements are recommended for **modification**. In all thirty cases the issue is late construction completion of the project, and developers are either still working on their completion applications to submit to the City or they have requested extensions of their construction completion dates. Most of the construction delays are related to employment and supply issues as a result of the pandemic, similar to last year. Amendments are being drafted for agreements where a letter from the Department Director is not sufficient.
- Six companies were recommended for **termination.** Four of these were in default on their CRA Agreement and will be terminated should the default not be remedied. Two of the six terminations are projects where the development plans have changed or the property has been sold to a new developer.
- Eight agreements have expired and the projects have been closed.

Termination as a Result of Default (see UPDATE in Attachment I)

- JRS Interests I, LLC (2315 Park Avenue)
- Children United, LLC (Youthland Academy)
- 1526 Blair, LLC (1526 Blair Avenue)
- E Barg, LLC/Swewat, LLC (1738-40 Queen City Avenue)

Termination due to Change in Development Plans

- The Fortus Group, LLC (W. Liberty & Elm-Commercial Portion)
- Azeotropic Partners, LLC (1301 Walnut-Residential Portion)

Agreements that Expired in 2021

- BSG2, LLC (1404 Walnut)
- Base Operations, Inc. (1309 Main Street)
- BAM Realty Group, LLC (4426 Brazee Street)
- Burke, Inc. (500 W. 7th Street)
- Over-the-Rhine Community Housing (1500 Elm Street)
- Fay Limited Partnership (Fay Apartments)
- OTR Holdings, Inc. (Mercer Commons Garage)
- B-Side Landlord, LLC (13 W. 15th Street)

RECOMMENDATION

The ORC Section 5709.85 (E) states that City Council must act on the CRA and TIF program recommendations determined at the annual TIRC meeting. Recommendations to continue, modify, or terminate company agreements are contained in the 2022 TIRC

Minutes (Attachment I). The Administration recommends approval of these minutes and the recommendations therein.

Attachments:
I. TIRC 2022 Meeting Minutes and Summary Report
II. 2022 TIRC Report – TIF Exemptions
III. 2022 TIRC Report – CRA Agreements
IV. Letter from CPS on PILOT Delinquencies

Copy: Markiea L. Carter, Director, Department of Community & Economic Development

ATTACHMENT I
Tax Incentive Review Council
Annual Meeting Minutes and Summary Report

2022 Annual Meeting
June 23, 2022 at 3:00 p.m.
Two Centennial Plaza, 805 Central Avenue, 7th Floor
Griesel Conference Room
Cincinnati, Ohio 45202

Members & Designees (Attendees are Checked)

Attendee	Designation	Affiliation
✓ Greg Jarvis, Chair	For Dusty Rhodes	Hamilton County Auditor
✓ Markiea L. Carter	For John Curp	City of Cincinnati (Manager)
✓ Jan-Michele Lemon Kearney	Councilmember	City of Cincinnati (Council)
✓ Monica Morton	For Karen Alder	City of Cincinnati (Finance)
✓ Benjamin Heckert	For Jennifer Wagner	Cincinnati Public Schools

Other Attendees	Affiliation
✓ Michael Banish	City Staff-DCED
✓ Dan Bower	City Staff-DCED
✓ Kaitlyn Geiger	City Staff-Law
✓ Evan Nolan	City Staff-Law
✓ Joseph Porter	Cincinnati Public Schools

MINUTES OF THE 2022 TIRC MEETING

Mr. Jarvis called the meeting to order at 3:01pm and invited everyone to introduce themselves. Mr. Jarvis noted that Auditor Dusty Rhodes sends his regards.

Michael Banish reviewed the Purpose of the TIRC.

Michael Banish introduced Dan Bower, Deputy Director, Department of Community and Economic Development, to review the TIF and ORC 725 exemptions.

Dan Bower reviewed the 2021 TIF Exemptions (Projects and Districts). He presented staff recommendations to CONTINUE all exemptions.

TIRC Recommendation – Motion by Mr. Heckert, second by Ms. Kearney, to approve recommendations for the TIF exemptions. Motion carried unanimously.

Dan Bower presented staff recommendations to CONTINUE all of the ORC 725 Exemptions.

TIRC Recommendation – Motion by Ms. Carter, second by Mr. Heckert, to approve recommendations for the ORC 725 Exemptions. Motion carried unanimously.

Michael Banish summarized the Community Reinvestment Area (CRA) Property Tax Abatement Program. He reported on results of actions taken on recommendations made by the TIRC in 2021. He then presented staff recommendations for the 2021 CRA Agreements and reviewed the CRA Agreements that expired in 2021.

TIRC Recommendation – Motion by Mr. Heckert, second by Ms. Carter, to approve recommendations for CRA Agreements. Motion carried unanimously.

Mr. Heckert reported to the TIRC that a letter from Jennifer Wagner (Attachment IV) had been sent to the County Auditor and the City providing a list of companies with CRA Agreements that are delinquent on their School Board PILOT Payments. Mr. Heckert asked the City and County Auditor to take action on these companies pursuant to their agreements. Mr. Jarvis offered to work with Michael Banish to either resolve issues related to these payments or send these companies a Notice of Default.

Mr. Jarvis praised the City staff for the detailed reports and communications related to the TIRC meeting.

Mr. Heckert made the motion to Adjourn, second by Ms. Carter; carried unanimously at 3:35pm.

Purpose of the Tax Incentive Review Council

According to Ohio Revised Code Section 5709.85, the TIRC meets annually to review all agreements granting exemptions from property taxation and any performance or audit reports required to be submitted pursuant to those agreements (see the attached reports). The Council determines whether the owner of the exempted property has complied with the agreement and may consider market fluctuations or changes in the business cycle unique to the owner's business. The Council shall submit to City Council written recommendations for continuation, modification, or cancellation of each agreement.

TIRC REPORT NARRATIVE

Tax Increment Financing (TIF) Exemptions (ORC 5709.40 & 5709.41)

A. Program Overview

Developers making a large-scale investment that requires substantial public infrastructure improvements may be able to use Tax Increment Financing (TIF) to offset a portion of those costs. In certain limited circumstances, TIF dollars may be used more broadly for urban redevelopment purposes.

How Do They Work? The Ohio legislature has authorized the creation of Tax Increment Financing under ORC Section 5709.40 and 5709.41. Upon creating a TIF, Ohio allows a municipality to grant a tax exemption up to 100% of the newly created real property value with the consent of the local school district. Municipalities may require payments in lieu of taxes on the exempt real property value. All payments in lieu of taxes collected on this newly created property value can be used to fund public infrastructure improvements and other eligible uses or pay debt service on bonds issued for such eligible uses. The two most common types of TIF in Ohio are Project TIFs and District TIFs. Project TIFs are applicable to particular developments. District TIFs apply to a specific geographic area of the City. In both cases, taxes are exempted on improvements (for the specific project, in the case of a Project TIF, or within the district, in the case of a District TIF), and the City may impose payments in lieu of taxes. District TIFs are subject to geographic area and assessed value caps under state law.

What Are the Benefits? Tax Increment Financing provides a method to fund public infrastructure and other eligible site improvements adjacent to and within new commercial developments.

How Is It Used? To initiate the process, a developer applies to the City for a TIF designation prior to the commencement of any construction activities. Next, the Department of Community & Economic Development reviews submitted information and requests additional information as required to determine whether debt must be issued to construct the public improvements and may refer the developer to the Port Authority to underwrite the debt issuance. Finally, a recommendation is made to City Council for the designation of the Project as a TIF as well as any related legislation and legal agreements, such as a Development Agreement (governing the developer's construction of their project), Cooperative Agreement (when debt is to be issued

through the Port), debt agreements (when the City issues the debt) and other related documents (i.e., letter of credit and service agreements). Depending on the timeline of a project's infrastructure needs, the City creates a Project TIF or District TIF and either: 1) waits until the revenues derived from the TIF are sufficient to pay for the costs of the infrastructure, or 2) issues debt for the construction of the infrastructure with such bonds being backed by the future TIF revenues. The decision of whether or not to issue debt depends solely on the immediacy of the project's infrastructure needs. The City frequently utilizes the Port Authority for the issuance of debt of TIF projects.

B. Staff Review of TIF Districts and Project TIFs

In 2021, the City of Cincinnati had a total of 35 TIF Districts. The 15 Districts that were added in 2019 have not generated revenue. The previously created 20 TIF Districts received a total of $49,169,602 in Statutory Service Payments in 2021 and made expenditures in 2021 totaling $31,306,661.

The City had 57 Project TIFs at various stages at the end of 2021. For the 21 Project TIFs receiving and distributing payments, there was a total of $21,755,692 in revenue and $18,038,474 in expenditure.

For the 43 TIFs with numbers at the time of legislation, the projects in aggregate project a total of $2.3 billion in real estate investment, and a commitment of 7,373 jobs. Through 2021, the City has received reports and estimates for 41 Project TIFs with an actual real estate investment of $1,571,299,101 and a total number of jobs retained of 843 and a total number of jobs created of 7,678. (Note: These aggregate figures are based on both company reports and department estimates. The City will continue to request data from these companies throughout the year.)

C. Recommendations on TIF Exemptions

Staff recommends all current TIF exemptions be Continued.

Urban Renewal Debt (ORC 725)

A. Program Overview

Under Ohio Revised Code Chapter 725, a municipality can enter into a development agreement with a developer of land in an urban renewal project and can authorize a real property tax exemption with respect to the improvements constructed and require the owner to make payments in lieu of taxes to the municipality. The municipality can use those payments to pay debt service on Chapter 725 bonds and for related expenses. The City has created 32 separate Urban Renewal Plans in order to undertake Urban Renewal efforts under ORC 725 within these areas.

B. Staff Review of Agreement ORC 725 Exemption Statuses

In 2021, the City had nine active Urban Renewal agreements for projects undertaken in Downtown, the East End and the West End. These agreements are compliant with their requirements to make service payments and minimum service payments to pay urban renewal project debt.

C. Recommendations on ORC 725 Exemptions

Staff recommends all current Urban Renewal Exemptions be Continued.

Community Reinvestment Area Property Tax Abatement Program

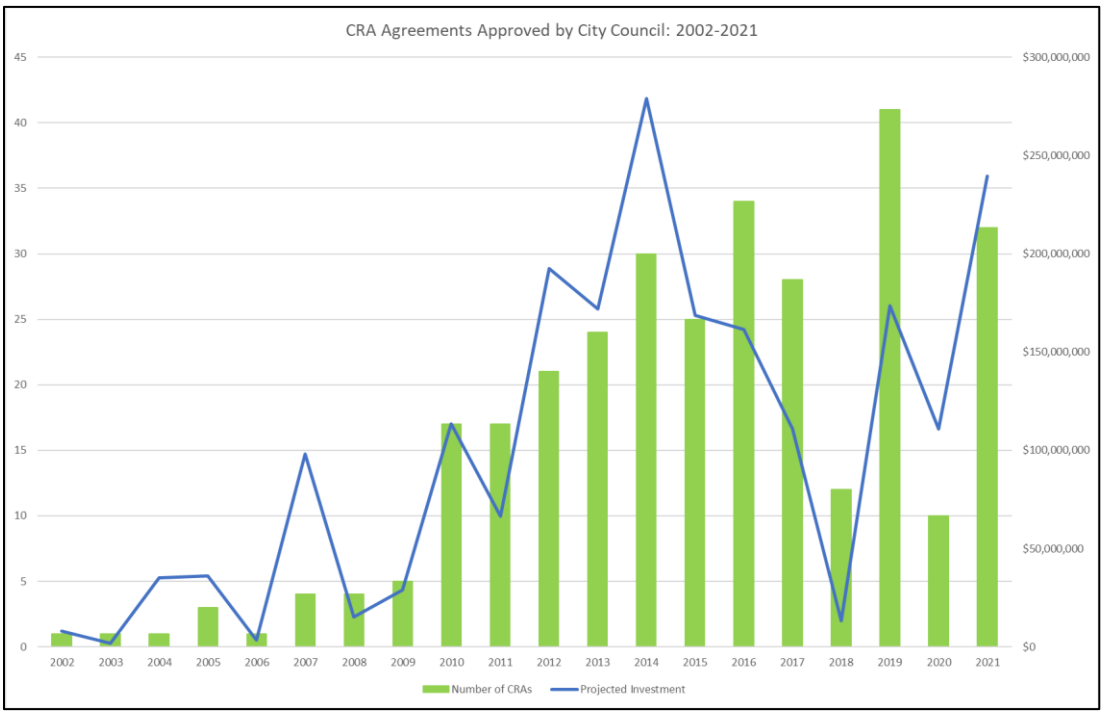
A. Program Overview

The City of Cincinnati offers a Community Reinvestment Area (CRA) tax abatement program to developers building or renovating a multi-family residential, commercial, industrial, or mixed-use facility. The following steps outline the process of approving a CRA and putting the tax abatement into effect:

1. The Company submits an initial CRA application.
2. The City of Cincinnati's Department of Community Economic Development (DCED) reviews the application, negotiates an agreement, and makes a recommendation to City Council.
3. City Council passes an ordinance to authorize the recommended property tax exemption and a CRA agreement is executed by the City Manager.
4. The Company begins construction of the improvements to the property.
5. The Company enters into a Payment in Lieu of Taxes (PILOT) agreement with Cincinnati Public Schools (CPS) and registers the agreement with Ohio Department of Development (ODOD).
6. The Company submits a completion application to DCED once construction is completed. (Companies with LEED CRA Agreements can submit their Completion Application without the LEED documentation and the City will hold the Application until the LEED documents are submitted.)
7. DCED sends all agreement materials to the Hamilton County Auditor.
8. Hamilton County Auditor assesses improvements and starts the abatement.
9. The Company submits annual reports and fees during the term of the abatement.
10. DCED submits an annual report on all agreements to ODOD in March and presents the information to the TIRC in June and City Council in September.

At the end of 2021, the City of Cincinnati had 357 active Commercial CRA agreements that had been approved by City Council, including 34 new agreements that were executed in 2021. There were four additional CRA agreements approved by City Council in 2021 that do not have executed agreements.

The following chart reflects the 357 CRA Agreements that are currently active and approved by City Council. These CRA Agreements reflect over $1.7 billion in Projected Investment.



There have been four CRAs approved by City Council in 2022 so far; one of these has an executed agreement.

B. Actions Taken on 2021 TIRC Recommendations

The following tables reflect actions taken by the City Administration based on TIRC recommendations from its 2021 meeting.

Table: 2021 TIRC Modifications Recommended and Actions Taken

Organization Legal Name	Project Name	Issues Pending	Resolution
Findlaomi, LLC	1706 Central Parkway	Pending Extension Letter	Abatement started; no extension required
233 Gilman, LLC	225 Gilman	Pending Extension Amendment	Pending extension amendment
2347 Reading Road, LLC	2347 Reading Road, LLC	Pending Extension Amendment	Amendment executed
Azeotropic Partners, LLC	1301 Walnut St_ Commercial	Pending Extension Amendment	Abatement started Pending extension amendment
Building #1, LLC	100 E. Clifton, 101 & 105 Peete Renovation	Pending Completion App Pending 2020 Annual Report Pending 2020 Annual Fee	Abatement started Pending extension amendment
Campus Management LTD	Park Avenue Square	Pending Completion App Pending 2020 Annual Fee	Extension amendment executed 2020 Annual Fee received
Condominium Holdings, LLC	1505 Race	Pending Extension Amendment	Pending extension amendment
Condominium Holdings, LLC	116 W 15th Street	Pending Extension Amendment	Pending extension amendment
Custom Pro Logistics	Custom Pro Logistics CRA	Pending Completion App Pending 2020 Annual Fee	Pending extension amendment 2020 Annual Fee received
E Barg LLC	1738-40 Queen City CRA	Pending HCA Pending Extension Amendment	Pending Default and Termination
Jackson Investors 2019, LLC	1225-1227 Jackson Street	Pending Extension Amendment Pending Completion App	Abatement started; issues resolved
Kauffman Vine LLC	1725 Vine Street	Pending Extension Amendment	Pending extension amendment
Mrs. Pig, LLC	Mrs. Pig (109 W Elder)	Pending Completion App Pending 2020 Annual Fee	Abatement started 2020 Annual Fee received
Nation Worldwide, LLC	Nation Kitchen and Bar CRA application - Westwood	Pending Completion App Pending 2020 Annual Fee	Abatement started 2020 Annual Fee received
Porch Swing Properties, LLC	1612 Elm Redevelopment	Pending Termination by City	Abatement started; issues resolved
Race and Vine Offices, LLC	Race and Vine Offices	Pending 2020 Annual Fee 2020 3 jobs retained at $37,520	Abatement started 2020 Annual Fee received
Seitz, LLC	303 Seitz St	Converted to condos in 2019 - termination pending	No conversion Pending extension amendment
Solica Construction	722 E McMillan	Pending Co-signed CPS Agreement Pending Completion App	Abatement started; issues resolved
University Townhomes, LLC	3561 Eden Avenue	2020: 2 created at $53,962	Abatement started; issues resolved

Table: 2021 TIRC Terminations Recommended and Actions Taken

Organization Legal Name	Project Name	Action Taken
The Fortus Group	W Liberty & Elm	Termination Pending
Bond Hill Roselawn Senior Housing LP	Roselawn Senior Apartments	Issues Resolved
B-Side Landlord, LLC	B-Side Landlord, LLC	Termination Pending
Elm Street Ventures, LLC	Elm Street Ventures, LLC	Issues Resolved
JRS Interests I, LLC	2315 Park Ave.	Pending extension amendment
Knowlton Northside Limited Partnership	Knowlton Northside Senior Housing	Issues Resolved
Marlowe Court Limited Partnership	Marlowe Court	Issues Resolved
Neyer Holdings, Inc.	130-132 E. 6th Street	Pending extension amendment
SOLI Interests LLC	1200 and 1208 Main St	Issues Resolved
Urban Sites	9487 Dry Fork Rd, LLC	Issues Resolved
Youthland Academy	Children United, LLC LEED CRA Tax Exemption	Termination Pending

C. 2022 TIRC – 2021 Annual Reports and Fees

Annual Reports are due from each company every year of the CRA Agreement starting with the year the Agreement is executed. Of the 357 active agreements, 329 annual reports have been submitted (92%), and 28 have not been submitted. One of these missing reports is for an historical (pre-1994) CRA with no Agreement; three of these missing reports have agreements pending termination and no report was required (see below). The remaining 24 missing reports continue to be requested by the Department.

UPDATE: 334 annual reports have been collected as of July 14, 2022.

The department has contacted the companies representing the remaining 24 agreements about submitting the annual reports. Several have requested report deadline extensions due to the pandemic, and others have simply not responded. We will continue to attempt to collect these reports for the remainder of the year. The department is allowing that the pandemic may be preventing some companies from accessing the data or resources needed to complete and submit their reports.

Annual Fees are also due every year and are calculated as 1% of the forgone taxes (taxes exempted by the Agreement), or $500 minimum and $2,500 maximum. Companies that have construction underway on their projects typically pay the minimum $500 annual fee. As of this writing, 317 2021 Annual Fee payments have been made totaling $284,432.74. Of the remaining 40 outstanding, one is historical and no fee is required; three are being terminated and no fee was required (see below).

UPDATE: 333 annual fees have been collected as of July 14, 2022.

As with the annual reports, the department will continue to attempt to collect the remaining 36 annual fees due. The department is allowing that the pandemic may be keeping companies from being able to make these payments on time.

Four terminations are recommended this year as a result of outstanding 2021 Annual Reports or Annual Fees: JRS Interests, LLC; E Barg, LLC; Youthland Academy; and 1526 Blair, LLC. These recommendations are a result of multiple attempts to request reports and fees without a response from the company.

UPDATE: The property at 1526 Blair Avenue has a new owner, and the Administration is working with the new owner to collect the missing reports and fees.

D. 2022 TIRC – Staff Review of Agreement Statuses for 2021

There were 271 completed projects representing a total Projected Investment of $1,799,014,702 and a company-reported expenditure of $2,055,697,617, or 114% of the projection. Of the 12 projects completed in 2021, 11 reported project expenditures above the amounts projected and one reported project expenditures that were 99% of the projection.

UPDATE: There were 272 completed projects as of July 14, 2022.

There are 86 projects that are not completed as of this writing, representing a total projected investment of $650,273,616. Of these, 34 projects were expected to be completed before December 31, 2021. Three of these are recommended for termination, 23 have requested extensions that are in process, seven are working on their completion applications, and one is in the process of selling the property. All 86 projects are subject to the City's Wage Enforcement requirements for construction. There are no pending Wage Enforcement complaints related to these projects.

The total new jobs commitment from the 357 active CRA Agreements is 9,403 jobs created. Companies with active CRA Agreements reported approximately 9,181 jobs created in 2021, with the largest jobs created figures reported by Medpace (699) and General Electric (954).

There were 22 companies in 2021 that were past their job creation ramp-up period and have not met their job creation commitments by at least 75%. As in 2020, most companies continue to suggest that the pandemic was a cause of their job issues. Market factors resulting from the pandemic include slowed or halted business operations, internal reorganizations, and a lack of tenants. Many of these factors will continue to impact companies in 2022 as some industries will be slow to recover.

The City Administration has requested information from many of these companies related to their specific conditions that resulted in job losses and the inability to meet their commitments.

While these non-compliance issues are reflected in the CRA and TIF reports, they are not the basis for any termination recommendations except in those cases where the company has not responded to the issues when asked. There is one such recommendation for termination (see below). The department will continue to request this information from companies with job commitment or payroll commitment issues as these issues are identified.

E. Recommendations for CRA Agreements (2022 TIRC)

The following table represents the staff recommendations for the 357 active CRA Agreements as of the end of 2020.

Recommendation	Status	Agreements
Continue-Compliant	Pending Completion	45
	Complete	217
Continue-Non-Compliant	Pending Completion	11
	Complete	40
Modify	Extension Request Pending	30
Terminate	In default	4
	Development Plans Changed	2
Expired in 2021 (Terminate)	Expired in 2021	8
TOTAL		**357**

Continuations

Recommendations to Continue include 262 active agreements with companies that are compliant with the CRA Agreement. Of these, 45 are pending completion. There are 51 agreements that are recommended Continue despite non-compliance issues related to COVID-19 and other factors beyond the company's control.

Modifications

Recommendations to Modify agreements (30) reflect either late completion applications that have been requested by the City and are pending issues (e.g., the issuance of the Certificate of Occupancy, lack of LEED documentation, etc.) or requests from the company for an extension. Delays in submitting the completion application may result in the need for an extension. Extensions can be in the form of a letter from the Director of the Department of Community and Economic Development or by amendment, depending on what the agreement allows and the length of extension required.

Terminations

The following CRA Agreements are recommended for Termination:

- The Fortus Group – This project at West Liberty & Elm has been converted into a TIF. There were two CRA Agreements on this property: one for the residential portion of the project and one for the commercial portion. The CRA for the commercial portion is being terminated and replaced with the TIF. The CRA for the residential portion will remain in place.
- Azeotropic Partners, LLC (1301 Walnut-Residential Portion) – This company changed the development plans for this project and determined, with advice from the City, that the CRA

Agreement was not needed on the residential portion of the development. The CRA Agreement for the commercial portion of the project remains in effect.

- JRS Interests I, LLC – This company was recommended for termination at the 2021 meeting but resolved their issues at that time. The company has not submitted its 2021 CRA Annual Report and has not received an extension on their construction deadline, making them in default of their Agreement.
- Children United, LLC (Youthland Academy) – This company has not submitted Annual Reports or Fees for 2019 or 2020 or 2021. They also have not submitted their LEED documentation, and therefore are not eligible for an abatement. Multiple attempts to contact the company have failed.
- 1526 Blair, LLC (1526 Blair Avenue) – This company has not submitted its 2020 or 2021 CRA Annual Report. The property appears to have been sold, but neither the previous owner nor the current owner has been responsive to requests for reports or an assignment. *UPDATE: New property owners have been contacted about the reports and fees past due.*

- E Barg, LLC (1738-1740 Queen City) – This company has not submitted annual reports for 2020 or 2021, and has not remitted its 2021 annual fee. The property was sold in 2020, but neither the previous owner nor the current owner has been responsive to requests for reports or an assignment.

All but the first two terminations above are recommended because despite repeated attempts to contact the companies involved, no response has been received. The City will continue to work with these companies on these issues prior to termination. Given the COVID-19 pandemic and the current state of the economy in certain industries, the City is allowing for flexibility for those companies that are responsive even if there are compliance issues relating to job creation, payment of annual fees, reporting, and construction delays under the agreement.

Expirations

The following CRA Agreements expired at the end of 2021. No action from the TIRC is needed.

- BSG2, LLC (1404 Walnut)
- Base Operations, Inc. (1309 Main Street)
- BAM Realty Group, LLC (4426 Brazee Street)
- Burke, Inc. (500 W. 7th Street)
- Over-the-Rhine Community Housing (1500 Elm Street)
- Fay Limited Partnership (Fay Apartments)
- OTR Holdings, Inc. (Mercer Commons Garage)
- B-Side Landlord, LLC (13 W. 15th Street)

ATTACHMENT II

2022 TIRC Report - TIF Exemptions
Project TIFs - GENERAL INFO

Project: Project Name	Organization Legal Name	TIF Ordinance	Incentive Start Year (Payable)	Incentive End Year (Payable)	TIF Project Type	Construction Start Year	Construction End Year	Revenues in 2021	Revenues To-date	Expenditures in 2021	Expenditures To-date
12th and Sycamore (1118 Sycamore Street)	CSP 1118 Sycamore Street, LLC	354-2019	2024	2053	Mixed Use	2021	2023				
303 Broadway	The Port	198-2004	2005	2034	Commercial	2003	2004	$1,376,641	$13,620,478	$1,611,850	$18,050,523
309 Vine - Union Central Life Annex Building	CCA CBD Cincinnati, LLC	143-2016	2019	2048	Mixed Use	2016	2018	$1,281,482	$1,721,330	$1,281,482	$1,721,330
3rd and Main	Fort Wash Hills, LLC	449-2021	2022	2051	Commercial	2022	2023				
5311 Hetzel-Holiday Inn	Red Bank Hetzel, LP	222-2016	2018	2047	Commercial	2016	2017				
601 Pete Rose Way (Artistry)	Milhaus	253-2019	2022	2051	Mixed Use	2019	2022				
8th and Main	NAP 8 & Main, LLC	329-2018	2021	2050	Mixed Use	2018	2020				
Alumni Lofts	CSCPA Renaissance, LLC	218-2015	2016	2045	Commercial	2015	2015	$715,828	$1,653,453	$715,828	$1,653,453
Anthem Site Redevelopment	1351 WHT Land, LLC	286-2019	2021	2050	Mixed Use	2018	2022				
Baldwin 200 (Building and Garage)	625 Eden Park Drive, LLC	44-2016	2019	2048	Commercial	2016	2018				
Baldwin 300	Corporex Companies, LLC	240-2007	2009	2038	Mixed Use	2007	2008	$1,388,603	$16,573,043	$1,922,684	$16,555,818
Centennial	Uptown Community Partners, LP	361-2014	2016	2045	Commercial	2014	2015	$207,801	$324,179	$53,616	$83,677
Center of Cincinnati (Milicron)	Milacron LLC	336-2001	2003	2032	Commercial	2001	2002	$759,627	$16,369,909	$306,708	$10,323,158
Center of Cincinnati (Oakley N.)	Vandercar Holdings	245-2002	2004	2033	Commercial	2002	2003	$873,092	$8,058,824	$350,740	$7,078,733
Central Trust Tower (PNC Tower)	CCA CBD Cincinnati II, LLC	288-2019	2022	2051	Mixed Use	2020	2024				
College Hill Station	College Hill Station, LLC	441-2019	2022	2051	Mixed Use	2020	2022				
Columbia Square	Al Neyer, Inc.	232-2003	2008	2033	Commercial	2007	2007	$302,310	$3,180,527	$282,182	$2,591,879
Court & Walnut	Kroger Limited Partnership I	268-2017	2020	2049	Mixed Use	2017	2019				
DeSales Flats II (3001 Woodburn)	Towne Properties, Inc.	277-2017	2019	2048	Commercial	2017	2018				
Fifth and Race (dunnHumby USA)	dunnHumby HQ Building Company, LLC	95-2013	2016	2045	Mixed Use	2012	2015	$233,985	$2,774,215	$62	$1,808,456
Firehouse Row	Firehouse Row Holdings, LLC	215-2018	2020	2049	Mixed Use	2018	2019				
Fountain Place	Fountain Place, LLC	538-2019	2022	2051	Mixed Use	2020	2022				
Fourth and Race Redevelopment	Fourth and Race Redevelopment, LLC	177-2019	2025	2054	Mixed Use	2019	2024				
Gateway West Redevelopment	Linn Street Holdings LLC	362-2014	2016	2045	Commercial	2014	2015	$567	$567	$216	$216
Gershom Grove (CiTiRAMA 2016)	Gershom Grove, LLC	299-2015	2017	2036	Residential	2015	2017				
Grand Baldwin (655 Eden Park Drive)	The Baldwin, LLC	43-2016	2019	2048	Residential	2016	2018				
Kao Headquarters Acquisition and Expansion	Kao USA, Inc.	536-2019	2025	2054	Industrial	2022	2024				
Keystone Park Phase I	Neyer Properties, Inc.	13-2008	2009	2038	Commercial	2007	2008	$380,024	$3,572,384	$318,189	$3,479,817
Keystone Park Phase III	Neyer Properties, Inc.	9-2016	2019	2048	Commercial	2014	2018	$516,520	$1,089,363	$450,144	$567,852
Keystone Parke Phase II	Neyer Properties, Inc.	32-2014	2017	2046	Commercial	2015	2016	$821,827	$2,787,425	$550,699	$1,929,057
Liberty and Elm	KEAN/Buckingham	289-2021	2023	2052	Mixed Use	2021	2023				
Madison & Whetsel Phase IIA	Ackermann Enterprises, Inc.	365-2019	2022	2051	Mixed Use	2019	2021				
Madison & Whetsel Redevelopment Phase I	Ackermann Enterprises, Inc.	134-2018	2021	2050	Mixed Use	2018	2020				
Mercy Health - 1788 Tennessee	Mercy Health	321-2014	2017	2046	Commercial	2014	2016				
Messer HQ Relocation	Messer Realty XII, LLC	148-2016	2018	2047	Commercial	2016	2017	$270,001	$466,828	$256,501	$455,294
Oakley North Redevelopment (Oakley Station)	USS Realty, LC	229-2012	2014	2043	Commercial	2011	2013	$1,495,614	$5,333,617	$1,042,817	$5,201,679
Queen City Square/Great American Tower	The Western and Southern Life Insurance Co.	203-2008	2010	2039	Commercial	2008	2009	$7,970,729	$55,754,060	$5,815,090	$43,248,010
RBM Development Phase 2A	The Port, 100 Medpace Way, LLC	47-2016	2018	2047	Commercial	2016	2017	$1,333,340	$1,582,475	$1,333,340	$1,582,475
RBM Medpace Phase 2B	400 Medpace Way, LLC, 600 Medpace Way, LLC, The Port	157-2018	2020	2049	Mixed Use	2018	2019				
Riverside Yard	Allegra Cincinnati, LLC	289-2018	2020	2049	Industrial	2018	2020	$278,325	$278,325	$236,577	$236,577
The Banks Lot 2A	Nicol Investment Company	387-2007	2021	2050	Residential						
The Banks Lot 2B	Riverbanks Phase II-A Owner, LLC and Riverbanks Phase II-B Owner, LLC	356-2014	2017	2046	Commercial	2014	2018				

2022 TIRC Report - TIF Exemptions
Project TIFs - GENERAL INFO

Project: Project Name	Organization Legal Name	TIF Ordinance	Incentive Start Year (Payable)	Incentive End Year (Payable)	TIF Project Type	Construction Start Year	Construction End Year	Revenues in 2021	Revenues To-date	Expenditures in 2021	Expenditures To-date
The District at Clifton Heights	Trinitas	445-2019	2024	2053	Mixed Use	2021	2025				
Three Oaks	Oakley Yards Land, LLC	493-2019	2022	2051	Residential	2021	2027				
TriHealth Headquarters Relocation	Trihealth, Inc.	104-2017	2020	2049	Commercial	2016	2019	$808,177	$1,858,479	$808,177	$1,858,479
Uptown Gateway - Phase IA	Uptown SEQ Holdings, LLC	189-2019	2023	2052	Commercial	2019	2023				
Vernon Manor Phase II	Vernon Manor Offices II, LLC	18-2016	2019	2048	Commercial	2016	2018	$501,950	$2,174,583	$462,325	$2,174,583
Windsor Flats (937 Windsor Street)	Windsor Renaissance, LLC and New Windsor, LLC	32-2016	2018	2047	Commercial	2015	2017	$239,247	$470,097	$239,247	$470,097
Walworth Junction	East End Development, LLC	540-2019	2020	2050	Residential	2019	2020				
Madison & Whetsel Redevelopment - Phase IIB	Ackermann Enterprises, Inc.	495-2019	2022	2051	Mixed Use	2020	2022				
Powell Global Headquarters	The William Powell Company	534-2019	2023	2052	Industrial	2020	2022				
27 Calhoun/Vine		488-2019	New - Date Created:		12/11/2019						
MLK Reading NE		489-2019	New - Date Created:		12/11/2019						
1744 Dana/Montgomery		475-2019	New - Date Created:		12/11/2019						
137 W 7th Street		472-2019	New - Date Created:		12/4/2019						
Convention Place Mall		491-2019	New - Date Created:		12/11/2019						
TOTALS								$21,755,692	$139,644,158	$18,038,474	$121,071,164

2022 TIRC Report - TIF Exemptions
Project TIFs - REPORTING INFO

Project: Project Name	Organization Legal Name	TIF Project Status	2021 Report Received?	Completion Delays	Real Estate Investment Commitment	Capital Investment - To-date	Permanent Jobs Commitment	Retained Jobs	Created Jobs	Job Discrepancies
12th and Sycamore (1118 Sycamore Street)	CSP 1118 Sycamore Street, LLC	Construction Underway	Yes		$40,110,000	$37,497,290	5	0	200	
303 Broadway	The Port	Construction Complete	Yes			$38,000,000	0	0	300	
309 Vine - Union Central Life Annex Building	CCA CBD Cincinnati, LLC	Construction Complete	Yes		$70,000,000	$81,002,442	7	12	12	
3rd and Main	Fort Wash Hills, LLC	Construction Delayed	Yes	Pandemic-related financing delays	$16,830,000	$0	15	0	0	
5311 Hetzel-Holiday Inn	Red Bank Hetzel, LP	Construction Complete	No				0		15*	
601 Pete Rose Way (Artistry)	Milhaus	Construction Underway	Yes		$77,268,679	$69,626,766	20	0	420	
8th and Main	NAP 8 & Main, LLC	Construction Complete	Yes		$28,106,564	$24,482,997	2	0	2	
Alumni Lofts	CSCPA Renaissance, LLC	Construction Complete	Yes		$21,508,000	$22,020,890	4	0	4	
Anthem Site Redevelopment	1351 WHT Land, LLC	Construction Underway	No		$48,355,000		5			
Baldwin 200 (Building and Garage)	625 Eden Park Drive, LLC	Construction Complete	Yes			$22,461,864		0	200	
Baldwin 300	Corporex Companies, LLC	Construction Complete	Yes		$19,950,000	$72,753,450	0	0	21	Humana vacated in 2017; searching for new tenant
Centennial	Uptown Community Partners, LP	Construction Complete	No							
Center of Cincinnati (Milicron)	Milacron LLC	Construction Complete	No				0		645*	
Center of Cincinnati (Oakley N.)	Vandercar Holdings	Construction Complete	No				0		150*	
Central Trust Tower (PNC Tower)	CCA CBD Cincinnati II, LLC	Construction Delayed	Yes	Pandemic-related delays	$103,500,000	$26,761,000	6	0	0	
College Hill Station	College Hill Station, LLC	Construction Underway	Yes		$29,775,355	$13,798,110	22	0	48	
Columbia Square	Al Neyer, Inc.	Construction Complete	Yes		$18,656,000	$11,725,880	160		500	
Court & Walnut	Kroger Limited Partnership I	Construction Complete	Yes		$90,560,000	$37,700,119	65	0	7	Garage portion only; other reports NA
DeSales Flats II (3001 Woodburn)	Towne Properties, Inc.	Construction Complete	Yes		$17,345,000	$13,471,715	3	0	3	
Fifth and Race (dunnHumby USA)	dunnHumby HQ Building Company, LLC	Construction Complete	Yes		$88,759,000	$73,185,221	100	0	897	
Firehouse Row	Firehouse Row Holdings, LLC	Construction Complete	Yes		$18,218,351	$18,115,421	3	2	115	
Fountain Place	Fountain Place, LLC	Construction Underway	Yes		$65,000,000	$31,701,912	0	0	150	
Fourth and Race Redevelopment	Fourth and Race Redevelopment, LLC	Construction Underway	Yes		$73,621,460	$44,084,977	61	0	8	
Gateway West Redevelopment	Linn Street Holdings LLC	Construction Complete	No							
Gershom Grove (CiTiRAMA 2016)	Gershom Grove, LLC	Construction Complete	No		$8,060,000					
Grand Baldwin (655 Eden Park Drive)	The Baldwin, LLC	Construction Complete	Yes		$29,300,000	$43,174,687		0	6	
Kao Headquarters Acquisition and Expansion	Kao USA, Inc.	Construction Delayed	Yes		$92,348,493	$769,909	45	521	78	
Keystone Park Phase I	Neyer Properties, Inc.	Construction Complete	Yes			$9,788,700		0	211	
Keystone Park Phase III	Neyer Properties, Inc.	Construction Complete	Yes		$20,845,920	$5,082,160	49	0	35	
Keystone Parke Phase II	Neyer Properties, Inc.	Construction Complete	Yes			$1,208,935		0	100	
Liberty and Elm	KEAN/Buckingham	Construction Underway	No		$77,000,000		3			
Madison & Whetsel Phase IIA	Ackermann Enterprises, Inc.	Construction Underway	No		$20,240,000					
Madison & Whetsel Redevelopment Phase I	Ackermann Enterprises, Inc.	Construction Complete	No		$36,000,000					
Mercy Health - 1788 Tennessee	Mercy Health	Construction Complete	Yes		$70,750,000	$73,668,774		0	0	
Messer HQ Relocation	Messer Realty XII, LLC	Construction Complete	Yes		$12,000,000	$14,427,160	156	116	23	2021 wages: $22,388,249; Wages Commitment: $15,900,000
Oakley North Redevelopment (Oakley Station)	USS Realty, LC	Construction Complete	No		$93,000,000		1,700		832	
Queen City Square/Great American Tower	Western and Southern Life Ins Co.	Construction Complete	Yes		$73,267,966	$333,000,000	0	0	1,200	
RBM Development Phase 2A	The Port, 100 Medpace Way, LLC	Construction Complete	Yes		$126,000,000	$86,000,000	0	0	115	
RBM Medpace Phase 2B	400 & 600 Medpace Way, The Port	Construction Complete	Yes		$126,000,000	$119,493,721	700	0	800	
Riverside Yard	Allegra Cincinnati, LLC	Construction Complete	Yes	New owners	$7,250,000	$0	50	0	0	No response to low jobs number
The Banks Lot 2A	Nicol Investment Company	Construction Complete	Yes			$69,200,000		8	8	
The Banks Lot 2B	Riverbanks Phase II-A & II-B Owner, LLC	Construction Complete	Yes			$57,103	1,800		954	Ongoing discussions; 25% reduction - Boeing grounding.
The District at Clifton Heights	Trinitas	Construction Delayed	Yes	Construction Start: 4/1/2022	$395,310,000	$8,617,000	700	0	0	
Three Oaks	Oakley Yards Land, LLC	Construction Underway	Yes		$148,825,000	$6,481,968	80	184	0	
TriHealth Headquarters Relocation	Trihealth, Inc.	Construction Complete	Yes		$13,000,000	$17,356,256	310	0	340	
Uptown Gateway - Phase IA	Uptown SEQ Holdings, LLC	Construction Underway	Yes		$66,033,283	$121,728,407	1,625	0	76	
Vernon Manor Phase II	Vernon Manor Offices II, LLC	Construction Complete	Yes		$30,293,525	$10,638,000	650	0	843	
Windsor Flats (937 Windsor Street)	Windsor Renaissance and New Windsor	Construction Complete	Yes		$10,588,408	$12,216,267		0	2	
Walworth Junction	East End Development, LLC	Construction Complete	NA							
Madison & Whetsel Redevelopment - Phase IIB	Ackermann Enterprises, Inc.	Construction Underway	NA		$24,388,828		0			
Powell Global Headquarters	The William Powell Company	Construction Underway	NA		$4,250,000		27			
27 Calhoun/Vine										
MLK Reading NE										

2022 TIRC Report - TIF Exemptions
Project TIFs - REPORTING INFO

Project: Project Name	Organization Legal Name	TIF Project Status	2021 Report Received?	Completion Delays	Real Estate Investment Commitment	Capital Investment - To-date	Permanent Jobs Commitment	Retained Jobs	Created Jobs	Job Discrepancies
1744 Dana/Montgomery										
137 W 7th Street										
Convention Place Mall										
TOTALS					$2,312,314,832	$1,571,299,101	8,373	843	8,510	

2022 TIRC Report - TIF Exemptions

District TIFs

District Name	Date Created	Expiration Date	Project Investment Projected	Capital Investment To-date	Actual Created Jobs 2021	Revenues in 2021	Revenues To-date	Expenditures in 2021	Expenditures To-date	First Year Paid	TIRC Recommendation
District 1-Queensgate	12/18/02	12/17/32	$0		0	$ 577,342.67	$ 3,812,546.82	$ 262,139.42	$ 3,110,161.13	2004	Compliance
District 2-Downtown South/Riverfront	12/18/02	12/17/32	$136,255,000	$558,960,049	0	$ 7,405,802.48	$ 51,852,110.06	$ 6,452,883.06	$ 45,232,757.44	2004	Compliance
District 3-Downtown/OTR West	12/18/02	12/17/32	$82,129,772	$54,355,136	0	$ 7,099,110.09	$ 40,267,888.43	$ 5,711,770.80	$ 32,323,391.69	2004	Compliance
District 4-Downtown/OTR East	12/18/02	12/17/32	$247,613,919	$16,528,068	0	$ 12,629,319.26	$ 86,769,873.09	$ 7,193,381.70	$ 82,928,784.22	2004	Compliance
District 5-Center Hill - Carthage	12/18/02	12/17/32	$0		0	$ 33,889.86	$ 504,768.99	$9,862.80	$ 271,449.60	2006	Compliance
District 6-Walnut Hills	12/18/02	12/17/32	$27,491,761	$10,000,000	0	$ 1,896,785.65	$ 11,379,864.88	$999,751.24	$ 11,158,086.50	2005	Compliance
District 7-East Walnut Hills	12/18/02	12/17/32	$10,500,000	$4,489,774	50	$ 1,951,453.87	$ 15,068,334.17	$ 154,624.67	$ 12,651,753.31	2005	Compliance
District 8-Clifton/University Heights	12/18/02	12/17/32	$33,660,000	$12,388,012	0	$ 4,027,519.04	$ 27,006,201.13	$3,455,202.58	$ 23,857,004.09	2004	Compliance
District 9-Corryville	12/18/02	12/17/32	$36,000,000	$17,000,000	1,000	$ 4,091,718.03	$ 26,910,801.88	$2,536,537.93	$ 21,285,156.20	2005	Compliance
District 10-Bond Hill	12/18/02	12/17/32	$10,000,000	$115,200	100	$ 357,063.99	$ 2,850,371.27	$103,779.52	$ 1,883,278.54	2006	Compliance
District 11-Evanston	12/18/02	12/17/32	$0	$1,150,000	0	$ 628,228.09	$ 4,744,317.57	$293,624.92	$ 4,006,565.22	2005	Compliance
District 13-West Price Hill	11/2/05	11/2/35	$0		0	$ 89,045.00	$ 571,907.00	$83,252.90	$ 546,002.20	2008	Compliance
District 14-Price Hill	11/2/05	11/2/35	$170,000	$5,766	0	$ 75,511.04	$ 816,447.43	$22,679.60	$ 761,511.76	2008	Compliance
District 15-East Price Hill	11/2/05	11/2/35	$10,000,000		0	$ 411,115.92	$ 2,479,551.17	$261,198.22	$ 1,905,789.17	2008	Compliance
District 16-Lower Price Hill	11/2/05	11/2/35	$0		0	$ 112,942.92	$ 718,231.17	$33,334.75	$ 290,327.89	2009	Compliance
District 17-Westwood 1	11/2/05	11/2/35	$0		0	$ 79,695.50	$ 511,684.38	$98,540.49	$ 369,328.86	2009	Compliance
District 18-Westwood 2	11/2/05	11/2/35	$0		0	$ 187,627.07	$ 596,971.68	$113,697.93	$ 550,557.09	2008	Compliance
District 19-Madisonville	11/2/05	11/2/35	$57,000,000	$5,680	600	$ 3,129,043.07	$ 19,953,290.70	$1,600,764.73	$ 18,856,996.02	2009	Compliance
District 20-Oakley	11/2/05	11/2/35	$15,665,000		91	$ 1,685,820.62	$ 9,844,727.92	$684,060.46	$ 6,754,199.60	2009	Compliance
District 21-Avondale	11/2/05	11/2/35	$0		0	$ 2,700,568.10	$ 6,194,739.31	$1,235,573.33	$ 4,370,793.61	2009	Compliance
District 22-West End	12/18/2020	12/18/50	$0							n/a	Compliance
District 23-Pleasant Ridge	12/18/2020	12/18/50	$0							n/a	Compliance
District 24-Mt. Auburn	12/18/2020	12/18/50	$0							n/a	Compliance
District 25-Northside	12/18/2020	12/18/50	$0							n/a	Compliance
District 26-Eastern River	12/18/2020	12/18/50	$0							n/a	Compliance
District 27-College Hill	12/18/2020	12/18/50	$0							n/a	Compliance
District 28-Roselawn	12/18/2020	12/18/50	$0							n/a	Compliance
District 29-Westwood Boudinot	12/18/2020	12/18/50	$0							n/a	Compliance
District 30-Mt. Airy	12/18/2020	12/18/50	$0							n/a	Compliance
District 31-Camp Washington	12/18/2020	12/18/50	$0							n/a	Compliance
District 32-Spring Grove Village	12/18/2020	12/18/50	$0							n/a	Compliance
District 33-South Fairmount	12/18/2020	12/18/50	$0							n/a	Compliance
District 34-South Cumminsville	12/18/2020	12/18/50	$0							n/a	Compliance
District 35-Riverside	12/18/2020	12/18/50	$0							n/a	Compliance
District 36-North Fairmount	12/18/2020	12/18/50	$0							n/a	Compliance
Totals						$ 49,169,602.27	$ 312,854,629.05	$ 31,306,661.05	$ 273,113,894.14		

2022 TIRC Report
ORC 725 Exemptions

Project	Date Created	Expiration Date	Construction Completed (Yes/No)	Compliant with Agreement Terms	Notes
Adams Landing	10/24/91	12/31/22	Yes	Yes	Compliant for 2021
312 Elm	10/24/91	12/31/22	Yes	Yes	Compliant for 2021
Race Street Development	1/26/01	12/31/32	Yes	Yes	Compliant for 2021
City West (366-2001)	8/15/01	12/31/32	Yes	Yes	Compliant for 2021
21C Hotel Project	4/13/02	12/31/33	Yes	Yes	Compliant for 2021
Adams Landing- Village D	12/4/03	12/31/34	Yes	Yes	Compliant for 2021
Adams Landing- Village A	10/13/05	12/31/36	Yes	Yes	Compliant for 2021
Adams Landing- Village B	1/10/06	12/31/37	Yes	Yes	Compliant for 2021
Shillito Lofts	10/27/09	12/31/40	Yes	Yes	Compliant for 2021

ATTACHMENT III

2022 TIRC Report - CRA Agreements
GENERAL INFO

Current Year TIRC Disposition	Compliant?	Organization Legal Name	Project: Project Name	Program Type	Council Ordinance Number	Contract Signature Date	ODSA Master Agreement Number	ODSA Individual Agreement Number	Rate	Abatement Term (yrs)	Start Year	Reporting End Date
CONTINUE	No	Gaslight Gardens LLC	Gaslight Whitfield, Ltd	LEED CRA	2-2015	2/12/2015	061-15000-09	15-100	100	15	2017	12/31/2031
CONTINUE	No	Christian Moerlein Brewing Co.	MLH Cincinnati USA, LLC - Christian Moerlein @ The Banks	LEED CRA	334-2010	9/10/2010	061-15000-09	10-003	100	12	2012	12/31/2023
CONTINUE	No	Grandin Company LTD	1308 Race Street	CRA	0255-2013	9/6/2013	061-15000-09	13-006	100	10	2014	12/31/2023
CONTINUE	No	Saturday Knight Ltd.	Saturday Knight Relocation	CRA	0197-2015	11/17/2015	061-15000-09	19-057	100	12	2016	12/31/2027
CONTINUE	No	Alto Properties, LLC	6087 Montgomery Road	LEED CRA	377-2018	5/31/2019	061-15000-09	19-032	100	12		
CONTINUE	No	US Bank	U.S. Bank - CRA/JCTC	CRA	100-2018	7/25/2018	061-15000-09	19-006	100	10	2021	12/31/2030
CONTINUE	No	Salvation Army Catherine Booth Residence LP	Salvation Army Catherine Booth Residence LP	CRA	492-2012	2/5/2013	061-15000-09	13-002	100	8	2015	12/31/2022
CONTINUE	No	Queen City Flatts, LLC	Hubbard Radio Relocation	CRA	117-2019	8/8/2019	061-15000-09	19-048	100	12	2021	12/31/2032
CONTINUE	No	161 McMicken, LLC	161 E McMicken	CRA	483-2019	9/17/2020	061-15000-09	20-030	100	10		
CONTINUE	No	HG Pearl Provident, LLC	632 Vine Street / Provident Building	LEED CRA	98-2018	12/26/2018	061-15000-09	19-042	100	15	2020	12/31/2034
CONTINUE	No	Paramount Redevelopment LLC	731 E McMillan Renovation	CRA	319-2018	2/28/2019	061-15000-09	20-005	100	12	2020	12/31/2031
CONTINUE	No	Sterling Medical Corporation	Sterling Medical LEED CRA - 2650 Burnet Ave	LEED CRA	251-2015	7/1/2015	061-15000-09	19-029	100	12		
CONTINUE	No	Seymour Investments, LLC	Enquirer Distribution Ctr - Techsolve II	CRA	126-2015	7/17/2015	061-15000-09	15-121	100	7	2017	12/31/2023
CONTINUE	No	Cincinnati Brewery District Apartments, LLC	1906 Elm Street	CRA	206-2018	9/11/2018	061-15000-09	19-063	100	12		
CONTINUE	No	TLAAT9, LLC	Neyer Management	CRA	322-2017	1/5/2018	061-15000-09	18-015	100	12	2019	12/31/2030
CONTINUE	No	BH New Arts, LP	The Arts Apartments at Music Hall	CRA	372-2020	12/18/2020	061-15000-09	21-001	100	15		
CONTINUE	No	University Townhomes, LLC	3561 Eden Avenue	CRA	333-2018	11/16/2018	061-15000-09	19-003	100	12	2021	12/31/2032
CONTINUE	No	Stratford Court Apartments, LLC	Stratford Court Apartments	LEED CRA	136-2012	6/13/2012	061-15000-09	16-018	100	15	2014	12/31/2028
CONTINUE	No	3075 Vandercar SPDC LLC	Office Relocation - Oakley Station	LEED CRA	220-2015	6/24/2015	061-15000-09	15-117	100	15	2017	12/31/2031
CONTINUE	No	General Electric	GE Operations Center	CRA	164-2014	10/2/2014	061-15000-09	14-112	100	15	2016	12/31/2030
CONTINUE	No	Zeta House Corporation of Delta Delta Delta	Tri Delta House	LEED CRA	331-2020	2/23/2021	061-15000-09	21-028	100	14		
CONTINUE	No	Grandin Company LTD	223 W 12th St. / Strietmann Building Office Renovation	LEED CRA	300-2016	10/4/2016	061-15000-09	16-053	100	12	2018	12/31/2029
CONTINUE	No	TLAAT 7 LLC	Active Day Senior Care - CRA	CRA	126-2017	7/11/2017	061-15000-09	17-016	100	12	2018	12/31/2029
CONTINUE	No	Midnight Oil Company	1536, 1538, 1540 Race	CRA	111-2017	6/7/2018	061-15000-09	19-020	84	12	2019	12/31/2030
CONTINUE	No	RBI Techsolve Property LLC	RBI Techsolve / RBI Solar - CRA	CRA	195-2017	11/20/2018	061-15000-09	19-012	100	12	2018	12/31/2029
CONTINUE	No	South Block Phase IV, LLC	3936 Spring Grove	CRA	339-2015	10/28/2015	061-15000-09	19-021	100	12	2017	12/31/2028
CONTINUE	No	OTR Dispensaries, LLC	1902 Colerain - CRA	CRA	263-2019	7/27/2019	061-15000-09	19-037	100	9	2021	12/31/2029
CONTINUE	No	254 Mohawk, LLC	254 Mohawk CRA	CRA	313-2021	9/30/2021	061-15000-09	21-014	100	12		
CONTINUE	No	Grandin Company LTD	1600 Central Parkway	CRA	270-2016	8/26/2019	061-15000-09	19-052	100	8	2017	12/31/2024
CONTINUE	No	1737 Vine, LLC	1737 Vine Street CRA	CRA	247-2017	4/25/2018	061-15000-09	19-018	100	12	2020	12/31/2031
CONTINUE	No	313 West 5th, LLC	313 W 5th CRA	CRA	474-2019	1/10/2020	061-15000-09	20-038	100	12		
CONTINUE	No	Perseverance Residential, LLC	Perseverance Residential CRA	CRA	440-2019	2/12/2020	061-15000-09	20-044	100	15		
CONTINUE	No	Linwood Real Estate Holdings, LLC	3152 Linnwood CRA	CRA	527-2019	2/19/2020	061-15000-09	20-019	100	8		
CONTINUE	No	Paramount Redevelopment LLC	Gateway at McMillan	CRA	129-2017	10/24/2017	061-15000-09	20-004	100	12	2020	12/31/2031
CONTINUE	No	FD2 1121 Walnut, LLC	1121 Walnut	CRA	51-2016	3/17/2016	061-15000-09	16-030	100	12	2017	12/31/2028
CONTINUE	No	1623 Pleasant Street, LLC	1623 Pleasant CRA	CRA	224-2021	6/23/2021	061-15000-09	21-008	100	8		
CONTINUE	No	Post Office Place LLC	Post Office Place LLC - CRA	CRA	0002-2017	1/27/2017	061-15000-09	19-005	100	8	2017	12/31/2024
CONTINUE	No	BarbAurora, LLC	BarbAurora, LLC	CRA	342-2014	1/9/2015	061-15000-09	15-108	100	12	2018	12/31/2029
CONTINUE	No	Metcut Research Inc.	Metcut Expansion - Project Oak Forest	CRA	70-2015	7/22/2015	061-15000-09	16-013	100	12	2017	12/31/2028
CONTINUE	No	Allston Place LLC	4016 Allston Place Commercial CRA	CRA	139-2017	7/21/2017	061-15000-09	19-023	66.7	12		
CONTINUE	No	Solica Construction	722 E McMillan	CRA	281-2019	10/22/2019	061-15000-09	20-009	100	12	2021	12/31/2032
CONTINUE	No	Apple Street Senior LLC	Apple Street Senior CRA	LEED CRA	105-2020	6/28/2021	061-15000-09	21-006	100	15		
CONTINUE	No	Findlay Center, LLC	Findlay Center	LEED CRA	150-2019	10/17/2019	061-15000-09	20-003	100	15	2019	12/31/2035
CONTINUE	No	Woods Real Estate Investments, LLC	Woods Real Estate Investments, LLC	CRA	262-2016	7/27/2016	061-15000-09	16-049	100	12	2017	12/31/2028
CONTINUE	No	1814 Central, LLC	OTR Stillhouse	CRA	470-2019	5/14/2020	061-15000-09	20-020	100	10		
CONTINUE	No	Sands Senior Apartments, LLC	CRA - Sands Senior Apartments	LEED CRA	0020-2015	3/12/2015	061-15000-09	15-110	100	12	2017	12/31/2028
CONTINUE	No	Broadway Square IV, LLC	Broadway Square IV CRA Agreement	CRA	223-2021	7/15/2021	061-15000-09		100	15		
CONTINUE	No	La Caisse, Inc.	KZF Design Relocation to 700 Broadway - LEED-CRA	LEED CRA	168-2009	11/11/2009	061-15000-09	09-003	100	12	2011	12/31/2022

2022 TIRC Report - CRA Agreements
GENERAL INFO

Current Year TIRC Disposition	Compliant?	Organization Legal Name	Project: Project Name	Program Type	Council Ordinance Number	Contract Signature Date	ODSA Master Agreement Number	ODSA Individual Agreement Number	Rate	Abatement Term (yrs)	Start Year	Reporting End Date
CONTINUE	No	Sycamore Diner, LLC	Sugar n' Spice LEED CRA	LEED CRA	469-2019	1/2/2020	061-15000-09	20-036	100	15	2021	12/31/2035
CONTINUE	No	The Deacon Propco, LLC	Straight Street Collegiate Apartments	LEED CRA	255-2017	10/11/2017	061-15000-09	18-017	100	15	2019	12/31/2033
CONTINUE	No	Bond Hill Roselawn Senior Housing LP	Roselawn Senior Apartments	LEED CRA	128-2017	12/22/2017	061-15000-09	19-007	100	15	2019	12/31/2033
CONTINUE	Yes	Urban Legacy VIII, LLC	18 W. 13th St	CRA	230-2014	10/7/2014	061-15000-09	14-119	100	10	2015	12/31/2024
CONTINUE	Yes	Urban Legacy VIII, LLC	1401 Walnut - CRA	CRA	11/2018	3/9/2018	061-15000-09	19-015	100	12	2019	12/31/2030
CONTINUE	Yes	Hyde Park Hotel Partners, LLC	Hampton Inn & Suites - Hyde park	LEED CRA	350-2021	9/24/2021	061-15000-09	21-015	100	13		
CONTINUE	Yes	4th and Race Redevelopment, LLC	4th and Race Redevelopment	LEED CRA	265-2018	10/19/2018	061-15000-09	19-033	100	15		
CONTINUE	Yes	SOLI Interests LLC	1405 Clay	CRA	10-2015	2/18/2015	061-15000-09	15-101	100	12	2016	12/31/2027
CONTINUE	Yes	Broadway Building Investors	824 Broadway	CRA	0127-2017	7/11/2017	061-15000-09	19-034	100	12	2019	12/31/2030
CONTINUE	Yes	NBDC I, LLC	Hildebrant/Hilmon Child Care Center	CRA	21-2011	3/7/2011	061-15000-09	11-002	100	12	2012	12/31/2023
CONTINUE	Yes	Exeter 2249 Seymour, L.P.	Cincinnati Gardens Site Redevelopment	CRA	282-2019	8/19/2019	061-15000-09	19-053	100	12	2020	12/31/2031
CONTINUE	Yes	Cutter Historic Apartments, LLC	Cutter Historic Apartments	CRA	282-2015	9/2/2015	061-15000-09	16-043	100	8	2017	12/31/2024
CONTINUE	Yes	DeVotie Hall Association	DeVotie Hall Renovation and Addition	LEED CRA	173-2009	12/28/2017	061-15000-09	19-038	100	15	2012	12/31/2026
CONTINUE	Yes	Bluerock Lofts, LLC	Northside American Can/Factory Square	CRA	218-2010	7/2/2010	061-15000-09	10-012	100	15	2012	12/31/2026
CONTINUE	Yes	Adams Edge Properties, LLC	Adams Edge	LEED CRA	318-2017	1/11/2018	061-15000-09	18-013	100	15	2020	12/31/2034
CONTINUE	Yes	15th and Vine, LLC	15th and Vine	CRA	368-2016	12/13/2016	061-15000-09	20-013	100	12	2018	12/31/2029
CONTINUE	Yes	Findlaomi, LLC	1706 Central Parkway	CRA	204-2018	8/14/2018	061-15000-09	19-000	80	10	2021	12/31/2030
CONTINUE	Yes	Knowlton Northside Limited Partnership	Knowlton Northside Senior Housing	LEED CRA	249-2015	8/5/2015	061-15000-09	15-116	100	15	2017	12/31/2031
CONTINUE	Yes	Pape Brothers Molding Company, LLC	1737 Elm St	LEED CRA	038-2016	6/2/2016	061-15000-09	16-035	100	12	2018	12/31/2029
CONTINUE	Yes	Sol Pendleton Arts, LLC	501 13th St.	LEED CRA	78-2016	4/15/2016	061-15000-09	16-031	100	12	2016	12/31/2027
CONTINUE	Yes	New Avondale Center, LLC	Avondale Town Center - Commercial Remodeling	LEED CRA	248-2016	10/27/2017	061-15000-09	19-008	100	15	2020	12/31/2031
CONTINUE	Yes	SOLI Interests LLC	1200 and 1208 Main St	CRA	248-2014	9/15/2014	061-15000-09	14-114	100	10	2016	12/31/2025
CONTINUE	Yes	New Avondale Center, LLC	Avondale Town Center - Mixed New Construction	LEED CRA	247-2016	10/27/2017	061-15000-09	19-009	100	15	2019	12/31/2033
CONTINUE	Yes	Paramount Square II, LLC	Paramount Square Phase 3 CRA	LEED CRA	246-2018	12/3/2018	061-15000-09	20-034	100	15	2020	12/31/2034
CONTINUE	Yes	The Kroger Co	Kroger Culinary Training & Education Center	LEED CRA	0242-2016	9/15/2016	061-15000-09	16-048	100	12	2019	12/31/2030
CONTINUE	Yes	205WM, LLC	205 W. McMicken	CRA	10-2017	6/19/2017	061-15000-09	18-006	100	8	2019	12/31/2026
CONTINUE	Yes	Mercer Commons Commercial 2, LLC	Mercer Commons 2 (Commercial)	CRA	392-2012	3/8/2013	061-15000-09	15-104	100	12	2014	12/31/2025
CONTINUE	Yes	1228 McMillan, LLC	1228 E. McMillan (Williams YMCA)	CRA	201700765	8/2/2017	061-15000-09	18-004	100	12	2020	12/31/2031
CONTINUE	Yes	BSG2, LLC	BSG2, LLC (24 E 15th)	CRA	23-2013	12/10/2013	061-15000-09	13-100	100	12	2016	12/31/2027
CONTINUE	Yes	dunnhumby USA LLC	dunnhumbyUSA PIR	LEED CRA	94-2013	7/24/2014	061-15000-09	17-003	100	15	2015	12/31/2029
CONTINUE	Yes	SOLI Interests LLC	527 E. 13th	CRA	16-2016	3/22/2016	061-15000-09	16-024	100	12	2017	12/31/2028
CONTINUE	Yes	3117 Southside Realty LLC	Peter Cremer Expansion	LEED CRA	17-2013	7/25/2013	061-15000-09	13-005	100	15	2014	12/31/2028
CONTINUE	Yes	Document Destruction	MPC Management - Document Destruction Expansion	CRA	144-2016	4/28/2017	061-15000-09	18-011	100	8	2017	12/31/2024
CONTINUE	Yes	Jackson Investors 2019, LLC	1225-1227 Jackson Street	LEED CRA	323-2019	9/16/2019	061-15000-09	19-047	100	15	2021	12/31/2035
CONTINUE	Yes	Gest Street Distributions, LLC	2100 Gest Street Development	CRA	0287-2021	11/12/2021	061-15000-09	21-021	100	15		
CONTINUE	Yes	Gantry Apartments, LLC	Gantry	LEED CRA	0242-2013	4/30/2014	061-15000-09	14-006	100	15	2014	12/31/2028
CONTINUE	Yes	Highland MOB, LLC	Highland MOB, LLC	LEED CRA	208-2010	8/16/2010	061-15000-09	15-122	100	15	2011	12/31/2025
CONTINUE	Yes	Empower Media Marketing	Empower Office- 11-25 E. 14th CRA	LEED CRA	240-2016	8/25/2016	061-15000-09	16-054	100	15	2018	12/31/2032
CONTINUE	Yes	SLD Enterprises, LLC	Center Hill & Highland Ridge	CRA	315-2021	9/20/2021	061-15000-09	21-020	100	12		
CONTINUE	Yes	1415 Vine, LLC	Gateway IV	CRA	17-2010	8/20/2010	061-15000-09	10-006	100	12	2011	12/31/2022
CONTINUE	Yes	Avondale Community Council	Avondale Connection - Business and Community Center	CRA	22-2014	2/4/2014	061-15000-09	19-031	100	12	2018	12/31/2029
CONTINUE	Yes	ARP Commercial, LLC	Abington, Race, & Pleasant - Commercial	CRA	228-2016	12/5/2016	061-15000-09	17-006	100	12	2018	12/31/2029
CONTINUE	Yes	Maplewood & Kinsey, LLC	2415 Maplewood	LEED CRA	254-2017	10/20/2017	061-15000-09	18-007	100	12	2021	12/31/2032
CONTINUE	Yes	Globe Building LLC	1801-1805 Elm Street	CRA	249-2014	8/17/2016	061-15000-09	16-040	100	10	2016	12/31/2025
CONTINUE	Yes	Urban Legacy VIII, LLC	1403 Vine St	CRA	231-2014	10/7/2014	061-15000-09	14-115	100	10	2015	12/31/2024
CONTINUE	Yes	G&A Paxton, LLC	Pediatricians of Hyde Park Relocation	CRA	14-2013	2/27/2013	061-15000-09	15-106	100	15	2014	12/31/2028
CONTINUE	Yes	1400 Race, LLC	1400 Race Street	CRA	207-2010	8/23/2010	061-15000-09	10-007	100	12	2012	12/31/2023
CONTINUE	Yes	Roost Properties, LLC	3244 Fairfield	LEED CRA	266-2020	10/11/2021	061-15000-09	21-018	100	15		

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CONTINUE	Yes	Porch Swing Properties, LLC	1612 Elm Redevelopment	LEED CRA	0020-2014	2/20/2013	061-15000-09	14-005	100	12	2021	12/31/2032
CONTINUE	Yes	Lytle Park Inn, LLC	Cincinnati Autograph Hotel	CRA	365-2015	2/24/2016	061-15000-09	17-002	100	12	2019	12/31/2030
CONTINUE	Yes	512 E 12th, LLC	512 E 12th Street	CRA	0250-2015	8/4/2015	061-15000-09	17-000	100	8	2017	12/31/2024
CONTINUE	Yes	Urban Legacy VIII, LLC	1428, 1430, and 1438 Race St	CRA	232-2014	1/28/2015	061-15000-09	15-111	100	10	2015	12/31/2024
CONTINUE	Yes	NHC - Flat Iron, LLC	Flat Iron Building Renovation	CRA	278-2019	2/23/2021	061-15000-09		100	12		
CONTINUE	Yes	Maslott Properties LLC	1818 & 1820 Logan Street	CRA	235-2016	7/26/2016	061-15000-09	16-044	75	8	2019	12/31/2026
CONTINUE	Yes	EWH 2806 LLC	EWH 2806 LLC	CRA	390-2018	1/30/2019	061-15000-09	19-030	100	15	2020	12/31/2034
CONTINUE	Yes	Ale House Landlord LLC	Taft Ale House Brewery	CRA	237-2014	10/7/2014	061-15000-09	14-118	100	10	2015	12/31/2024
CONTINUE	Yes	Abigail Apartments Limited Partnership	Abigail Apartments LEED - CRA	LEED CRA	292-2012	12/10/2013	061-15000-09	12-101	100	12	2015	12/31/2025
CONTINUE	Yes	Film Center, LLC	Film Center	CRA	398-2016	1/23/2017	061-15000-09	18-012	100	12	2019	12/31/2030
CONTINUE	Yes	Hallmark Student Housing Cincinnati II, LLC	University Edge Cincinnati II, LEED CRA	LEED CRA	331-2012	10/11/2012	061-15000-09	12-004	100	15	2013	12/31/2027
CONTINUE	Yes	5th and Race, LLC	Fifth and Race Retail Dev	LEED CRA	229-2014	10/7/2014	061-15000-09	14-113	100	15	2015	12/31/2029
CONTINUE	Yes	GSRC Power, LLC	Power Building CRA	CRA - HIST	355-2017	12/20/2017			100	10	2019	12/31/2023
CONTINUE	Yes	MREIC Cincinnati OH, LLC	Rough Brothers Expansion - Land Sale/CRA	CRA	306-2013	7/24/2012	061-15000-09	14-102	85	10	2015	12/31/2024
CONTINUE	Yes	Vision Cincinnati, LLC	37 W. 7th Street - LEED CRA	LEED CRA	358-2018	2/28/2019	061-15000-09	19-060	100	15	2020	12/31/2034
CONTINUE	Yes	Columbia Delta Apartments, LLC	Columbia Delta Apartments, LLC	LEED CRA	250-2012	11/21/2012	061-15000-09	12-003	100	15	2015	12/31/2029
CONTINUE	Yes	Liberty Modern, LLC	JB Schmitt Garage CRA	CRA	525-2019	3/10/2020	061-15000-09	20-026	100	12		
CONTINUE	Yes	Black Forest Holdings IV Ltd.	Sims-Lohman Expansion	CRA	305-2018	3/7/2019	061-15000-09	19-061	100	15	2019	12/31/2033
CONTINUE	Yes	2600 Apartments, LLC	2600 Short Vine CRA	LEED CRA	267-2020	9/17/2020	061-15000-09	20-046	100	15		
CONTINUE	Yes	Kroger Limited Partnership I	Court & Walnut-Kroger Store	CRA	180-2017	12/29/2017	061-15000-09	18-019	100	15	2019	12/31/2033
CONTINUE	Yes	Broadway Square III, LLC	Broadway Square Phase III	LEED CRA	328-2015	10/30/2015	061-15000-09	16-017	100	12	2017	12/31/2028
CONTINUE	Yes	Broadway Square II, LLC	Broadway Square Phase II	LEED CRA	77-2016	6/16/2016	061-15000-09	16-045	100	12	2018	12/31/2030
CONTINUE	Yes	Fountain Place, LLC	Fountain Place (TIF like a CRA)	CRA	538-2019	12/23/2019	061-15000-09		100	10		
CONTINUE	Yes	Daffin Investments Ohio, LLC	Youthland on Glenway Avenue	LEED CRA	176-2011	8/30/2011	061-15000-09	18-027	100	15	2012	12/31/2026
CONTINUE	Yes	830 Main Street, LLC	830 Main Street	LEED CRA	285-2019	11/2/2020	061-15000-09	21-005	100	15		
CONTINUE	Yes	Ohio Theta House Corporation of Sigma Phi Epsilon	Sigma Phi Epsilon Fraternity House Addition & Alterations	LEED CRA	142-2014	8/4/2014	061-15000-09	14-110	100	12	2015	12/31/2026
CONTINUE	Yes	Elberon Senior Apartments	Elberon	LEED CRA	72-2011	4/8/2011	061-15000-09	16-002	100	12	2013	12/31/2024
CONTINUE	Yes	Electronic Ark, LLC	222 East 14th Street	CRA	60-2011	4/12/2011	061-15000-09	16-012	100	12	2014	12/31/2025
CONTINUE	Yes	Blair Lofts I, Ltd.	Blair Lofts I CRA	LEED CRA	225-2021	8/16/2021	061-15000-09	21-017	100	15		
CONTINUE	Yes	Aegis Protective Services	Aegis Protective Services CRA - 3033 Robertson Ave.	CRA	0419-2010	1/11/2011	061-15000-09	11-001	100	12	2012	1/31/2023
CONTINUE	Yes	Melrose IHNGC Limited Partnership	Melrose Place CRA	LEED CRA	139-2021	8/6/2021	061-15000-09	21-019	100	15		
CONTINUE	Yes	Keidel Supply Company Inc.	Keidel Supply Company, Inc. Relocation	CRA	170-2010	6/8/2010	061-15000-09	10-005	100	12	2012	12/31/2023
CONTINUE	Yes	Jefferson Ventures, LLC	Jefferson Ventures	CRA	3-2011	12/31/2011	061-15000-09	11-009	100	15	2012	12/31/2026
CONTINUE	Yes	SV Apartments, LLC	SV Apartments (Benchmark and Euclid Square Apartments)	LEED CRA	204-2011	7/22/2011	061-15000-09	16-000	100	15	2013	12/31/2027
CONTINUE	Yes	Crown Building, LLC	Crown Building, LLC	LEED CRA	150-2012	12/10/2013	061-15000-09	12-102	100	12	2014	12/31/2025
CONTINUE	Yes	OTR Predevelopment LLC	Color Building CRA	CRA	316-2011	11/10/2011	061-15000-09	11-010	100	12	2013	12/31/2024
CONTINUE	Yes	Spring Grove Holdings, LLC	Mercer Supply Relocation	CRA	4-2012	2/12/2012	061-15000-09	19-046	75	12	2014	12/31/2025
CONTINUE	Yes	St. Paul Village II Limited Partnership	Saint Paul Village II	CRA	19-2012	2/21/2012	061-15000-09	16-022	100	15	2013	12/31/2024
CONTINUE	Yes	LPH Thrives, LLC	LPH Thrives CRA	LEED CRA	218-2021	8/23/2021	061-15000-09	21-012	100	15		
CONTINUE	Yes	1735 Vine, LLC	1735 Vine Street CRA	CRA	529-2019	10/21/2020	061-15000-09	21-003	100	12		
CONTINUE	Yes	Acanthus Properties V, LLC	1704 Elm Street CRA	CRA	537-2019	8/18/2020	061-15000-09	21-002	100	12		
CONTINUE	Yes	Textile Partners, LLC	Textile Building (205 W. 4th Street) CRA	CRA	275-2021	7/8/2021	061-15000-09		100	15		
CONTINUE	Yes	CLC 300 Main Street, LLC	Pure Romance LEED CRA	LEED CRA	274-2021	9/15/2021	061-15000-09		100	15		
CONTINUE	Yes	CBD Holdings	122 E 6th Street	LEED CRA	163-2011	5/24/2011	061-15000-09	11-008	100	12	2013	12/31/2024
CONTINUE	Yes	CBD Holdings	114-118 E 6th Street	LEED CRA	162-2011	5/24/2011	061-15000-09	11-007	100	12	2014	12/31/2025
CONTINUE	Yes	Daffin Investments Ohio, LLC	28-32 W. Court St. CRA	CRA	116-2016	7/13/2016	061-15000-09	18-003	100	8	2017	12/31/2024
CONTINUE	Yes	Medpace Inc.	300 Medpace Way - Bldg 3	LEED CRA	178-2011	6/9/2011	061-15000-09	11-006	100	15	2012	12/31/2026
CONTINUE	Yes	Medpace Inc.	200 Medpace Way - Bldg 2	LEED CRA	177-2011	6/9/2011	061-15000-09	11-005	100	15	2012	12/31/2026

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CONTINUE	Yes	Eagle Realty Group, LLC	Phelps Apartment Conversion to Courtyard Marriot	CRA	16-2010	2/2/2010	061-15000-09	10-001	100	12	2011	12/31/2022
CONTINUE	Yes	OVS Properties, LLC	Links Unlimited 1 CRA	LEED CRA	306-2010	9/7/2010	061-15000-09	10-014	100	15	2012	12/31/2026
CONTINUE	Yes	Sky Lofts LLC	The Edge	LEED CRA	341-2010	9/9/2010	061-15000-09	10-002	100	12	2016	12/31/2027
CONTINUE	Yes	Medpace Inc.	RBM Dev/ 100 Medpace Way	LEED CRA	340-2009	12/14/2009	061-15000-09	16-014	100	15	2011	12/31/2025
CONTINUE	Yes	Seto Ventures, LLC	Climb Time Gym	CRA	0021-2019	6/4/2019	061-15000-09	19-059	100	9	2020	12/31/2028
CONTINUE	Yes	4538 Camberwell, LLC	Apollo Home Relocation	CRA	112-2019	6/4/2019	061-15000-09	20-008	100	12	2020	12/31/2031
CONTINUE	Yes	OTR Housing Group, LLC	1513 Republic Street - Non-LEED CRA	CRA	193-2019	8/20/2019	061-15000-09	19-050	100	15	2020	12/31/2034
CONTINUE	Yes	Rhinegeist	Rhinegeist Expansion	CRA	355-2014	1/9/2015	061-15000-09	15-107	100	10	2016	12/31/2025
CONTINUE	Yes	Mrs. Pig, LLC	Mrs. Pig (109 W Elder)	CRA	187-2019	8/26/2019	061-15000-09	19-043	80	10	2021	12/31/2030
CONTINUE	Yes	Usquare, LLC	CUF U-Square @ The Loop	LEED CRA	38-2012	3/19/2012	061-15000-09	16-005	100	15	2013	12/31/2027
CONTINUE	Yes	Robel 1, LLC	Robel 1 LLC	LEED CRA	100-2021	7/12/2021	061-15000-09	21-026	100	15		
CONTINUE	Yes	Abington Race and Pleasant LLC	Abington, Race, & Pleasant Apts.	CRA	320-2016	11/14/2016	061-15000-09	17-001	100	12	2019	12/31/2030
CONTINUE	Yes	Bigelow Land, LLC	Bigelow	LEED CRA	526-2019	9/25/2020	061-15000-09	20-032	100	15		
CONTINUE	Yes	South Block Properties, Ltd.	South Block Properies, LTD (3929 Spring Grove)	CRA	166-2014	10/7/2014	061-15000-09	14-111	100	12	2016	12/31/2027
CONTINUE	Yes	Graphite Oakley, LLC	Graphite Oakley	LEED CRA	364-2020	12/30/2020	061-15000-09	20-045	100	12		
CONTINUE	Yes	100 E. McMicken, LLC	100 E. McMicken CRA	LEED CRA	84-2021	7/28/2021	061-15000-09	21-025	100	15		
CONTINUE	Yes	Carrie's Place, LLC	Carrie's Place - Phase II	CRA	243-2018	9/5/2018	061-15000-09	18-034	100	12	2018	12/31/2031
CONTINUE	Yes	1527 Madison, LLC	Relocation of Bloomfield/Schon & Advantage Group Engineers	CRA	233-2014	9/15/2014	061-15000-09	14-105	100	12	2016	12/31/2027
CONTINUE	Yes	1415 Republic LLC	1415 Republic	CRA	145-2016	7/21/2017	061-15000-09	18-002	100	12	2019	12/31/2030
CONTINUE	Yes	Neyer Holdings, Inc.	126-128 E. 6th Street	LEED CRA	143-2017	8/2/2017	061-15000-09	20-015	100	12	2020	12/31/2031
CONTINUE	Yes	1925 Vine, LLC	1925 Vine Street	LEED CRA	77-2017	5/25/2017	061-15000-09	17-014	100	12	2020	12/31/2031
CONTINUE	Yes	Price Hill Will	Masonic Lodge - Incline Arts & Events Center	CRA	139-2019	6/12/2019	061-15000-09	20-010	100	12	2021	12/31/2032
CONTINUE	Yes	Nation Worldwide, LLC	Nation Kitchen and Bar CRA application - Westwood	CRA	62-2019	8/6/2019	061-15000-09	20-000	100	12	2021	12/31/2032
CONTINUE	Yes	Nehemiah Manufacturing Company, LLC	Nehemiah Mfg. - Metro West Commerce Park	CRA	59-2017	4/11/2017	061-15000-09	19-013	90	15	2018	12/31/2032
CONTINUE	Yes	Burke Inc.	Burke, Inc. - 500 W 7th Street	CRA	196-2017	9/7/2017	061-15000-09	18-014	100	15	2019	12/31/2033
CONTINUE	Yes	On the Rhine LLC	Urban Stead Cheese CRA	LEED CRA	70-2017	4/26/2017	061-15000-09	17-012	100	12	2018	12/31/2029
CONTINUE	Yes	Shihasi West 7	106 W. 7th Street	LEED CRA	7-2017	4/19/2018	061-15000-09	18-022	100	12		
CONTINUE	Yes	UA5 LLC	Eden University	LEED CRA	389-2018	2/25/2019	061-15000-09	19-027	100	15	2021	12/31/2035
CONTINUE	Yes	OTR A.D.O.P.T.	1702 Central Parkway	CRA	0332-2015	10/14/2015	061-15000-09	16-011	100	8	2017	12/31/2024
CONTINUE	Yes	BAM Realty Group, LLC	8 East 4th Street	CRA	363-2016	12/13/2016	061-15000-09	18-000	75	8	2018	12/31/2025
CONTINUE	Yes	Central Y Senior Apartments, LLC	Parkway Place Apartments	CRA	133-2015	6/12/2015	061-15000-09	15-119	100	8	2016	12/31/2023
CONTINUE	Yes	Urban Sites	9487 Dry Fork Rd, LLC	LEED CRA	283-2010	6/14/2011	061-15000-09	11-013	100	12	2012	12/31/2023
CONTINUE	Yes	119 E. McMicken, LLC	119 E. McMicken	CRA	59-2021	2/24/2021	061-15000-09	21-023	100	15		
CONTINUE	Yes	Kenkel Family Investment I, LLC	Tri-State Wholesale CRA	CRA	0307-2018	5/10/2019	061-15000-09	19-019	100	12	2020	12/31/2031
CONTINUE	Yes	1207 Elm, LLC	1207 Elm	LEED CRA	0036-2017	4/5/2017	061-15000-09	17-015	100	12	2018	12/31/2029
CONTINUE	Yes	64 E. McMicken, LLC	64 E. McMicken CRA	CRA	102-2021	7/26/2021	061-15000-09	21-022	100	15		3/21/2022
CONTINUE	Yes	116 E. McMicken, LLC	116 E. McMicken CRA	CRA	104-2021	7/29/2021	061-15000-09	21-029	100	15		
CONTINUE	Yes	Links Unlimited	Links Unlimited Relo/Expansion	CRA	199-2019	8/10/2019	061-15000-09	19-041	100	12	2021	12/31/2032
CONTINUE	Yes	Alston Park Limited Partnership	Alston Park LEED CRA	LEED CRA	0330-2012	11/1/2012	061-15000-09	15-124	100	12	2014	12/31/2025
CONTINUE	Yes	MKRB1, LLC	MKRB1 LLC CRA	CRA	140-2021	5/27/2021	061-15000-09	21-027	100	15		
CONTINUE	Yes	1410 Vine, LLC	Boss Cox Renovation	LEED CRA	220-2021	6/17/2021	061-15000-09		100	15		
CONTINUE	Yes	Transept Property, LLC	1205 Elm St	CRA	310-2014	10/31/2014	061-15000-09	19-017	100	10	2016	12/31/2025
CONTINUE	Yes	CinFed Federal Credit Union	CinFed Credit Union - Office Building	LEED CRA	54-2016	4/14/2016	061-15000-09	16-029	100	15	2017	12/31/2031
CONTINUE	Yes	Kroger Company	Oakley Kroger LEED-CRA	LEED CRA	176-2014	8/4/2014	061-15000-09	14-103	100	15	2016	12/30/2030
CONTINUE	Yes	1201 Walnut, LLC	1201 Walnut	CRA	215-2014	9/15/2014	061-15000-09	15-105	100	12	2015	12/31/2026
CONTINUE	Yes	421 Hoge Street, LLC	421 Hoge Street	LEED CRA	264-2019	7/24/2020	061-15000-09	20-027	100	11		
CONTINUE	Yes	Gantry Apartments, LLC	1518 Knowlton Street (Gantry Phase Two)	LEED CRA	0096-2014	6/9/2014	061-15000-09	14-104	100	15	2014	12/31/2028
CONTINUE	Yes	Race and Vine Offices, LLC	Race and Vine Offices	CRA	200-2018	7/31/2018	061-15000-09	19-062	100	10	2020	12/31/2030

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CONTINUE	Yes	6558 Gracely, LLC	Gracely Event Centre CRA	CRA	429-2019	1/23/2020	061-15000-09	21-004	100	12		
CONTINUE	Yes	Radcliffe Holdings, LLC	Q-Labs - 1950 Radcliff Drive	CRA	151-2016	8/15/2016	061-15000-09	17-004	100	15	2018	12/31/2032
CONTINUE	Yes	Schiel	Schiel, LLC LEED CRA	LEED CRA	182-2012	6/4/2012	061-15000-09	12-002	100	15	2014	12/31/2028
CONTINUE	Yes	57 East, LLC	57 East	CRA	384-2018	1/18/2019	061-15000-09	19-011	100	12	2020	12/31/2031
CONTINUE	Yes	OTR Housing Group, LLC	1531 Elm, 1533 Elm, 1533 Pleasant	CRA	321-2017	12/21/2017	061-15000-09	19-028	100	8	2019	12/31/2026
CONTINUE	Yes	K-S Realty Holdings LLC	West Side Brewing Commercial CRA	CRA	0366-2016	1/27/2017	061-15000-09	17-017	100	12	2018	12/31/2029
CONTINUE	Yes	Oakley Hotel Enterprises LTD	Oakley Station - Homewood Suites Hotel	LEED CRA	61-2016	5/3/2016	061-15000-09	16-021	75	12	2018	12/31/2029
CONTINUE	Yes	TINC, LLC	CRA - 1209 Jackson Street	CRA	0303-2013	11/12/2013	061-15000-09	13-008	100	8	2021	12/31/2028
CONTINUE	Yes	TMG Investment Group	Broadway Square, Phase I	LEED CRA	0319-2013	11/1/2013	061-15000-09	13-007	100	12	2014	12/31/2025
CONTINUE	Yes	OTR Holdings, Inc.	1221-1233 Main CRA	LEED CRA	541-2019	3/10/2020	061-15000-09	20-028	100	15		
CONTINUE	Yes	Kirby Lofts, LLC	Kirby Lofts	CRA	141-2014	9/12/2014	061-15000-09	14-108	100	8	2017	12/31/2024
CONTINUE	Yes	Losantiville Buildings, LLC	CRA - 3257 Gilbert Ave.	LEED CRA	0252-2013	8/27/2013	061-15000-09	13-012	100	15	2015	12/31/2029
CONTINUE	Yes	Losantiville Evanston, LLC	Losantiville-Evanston Affordable Rental	LEED CRA	0138-2013	1/24/2014	061-15000-09	14-007	100	12	2015	12/31/2026
CONTINUE	Yes	Woodburn Pointe, LLC	Woodburn Pointe	LEED CRA	71-2011	4/8/2011	061-15000-09	16-001	100	12	2012	12/31/2023
CONTINUE	Yes	Losantiville Evanston, LLC	Losantiville-Evanston Affordable Rental	LEED CRA	0138-2013	4/29/2014	061-15000-09	14-008	100	12	2015	12/31/2026
CONTINUE	Yes	233 Gilman, LLC	CRA - 233 Gilman Ave	LEED CRA	136-2013	7/1/2013	061-15000-09	13-003	100	12	2015	12/31/2026
CONTINUE	Yes	ACG Merchants, LLC	32 W 6th St - Newberry Lofts	LEED CRA	348-2014	12/17/2014	061-15000-09	15-118	100	12	2017	12/31/2028
CONTINUE	Yes	BAM Realty Group, LLC	3094 Madison LEED-CRA	LEED CRA	233-2016	7/8/2016	061-15000-09	16-052	75	15	2018	12/31/2032
CONTINUE	Yes	Pendleton Development I, LLC	526 E 12th CRA	CRA	242-2019	8/27/2019	061-15000-09	20-021	100	15	2021	12/31/2035
CONTINUE	Yes	Hagen Properties, LLC	1833 Vine Street	CRA	338-2015	2/16/2015	061-15000-09	16-010	100	8	2017	12/31/2024
CONTINUE	Yes	Beasley Place LLC	Beasley Place - RRP	CRA	0249-2013	10/22/2013	061-15000-09	13-011	100	8	2015	12/31/2022
CONTINUE	Yes	Court & Walnut, LLC	Court & Walnut-Residential and Parking Garage	CRA	179-2017	1/2/2018	061-15000-09	18-016	100	15	2019	12/31/2033
CONTINUE	Yes	Gamma Xi 21, Inc.	Delta Tau Delta Fraternity House LEED-CRA Tax Exemption	LEED CRA	129-2010	5/14/2010	061-15000-09	10-008	100	15	2011	12/31/2025
CONTINUE	Yes	Oakley Child Care III, LLC	Oakley Child Care III, LLC	CRA	140-2018	7/9/2018	061-15000-09	18-029	100	9	2019	12/31/2027
CONTINUE	Yes	Ranger Community Group, LLC	1035 Dayton	CRA	146-2018	7/10/2018	061-15000-09	20-043	100	12	2021	12/31/2032
CONTINUE	Yes	Madison and Stewart, LLC	Madison and Stewart CRA	CRA	530-2019	2/12/2020	061-15000-09	20-040	100	12		
CONTINUE	Yes	SREE Hotels	Enquirer Building Redevelopment	LEED CRA	295-2012	9/19/2012	061-15000-09	14-001	100	12	2015	12/31/2026
CONTINUE	Yes	Urban Legacy VIII, LLC	15 W. 14th St	CRA	250-2014	8/17/2016	061-15000-09	16-039	100	10	2015	12/31/2024
CONTINUE	Yes	Paramount Square, LLC	Paramount Square	LEED CRA	299-2017	1/30/2018	061-15000-09	20-029	100	15	2019	12/31/2033
CONTINUE	Yes	1826 Race, LLC	1826 Race Redevelopment	LEED CRA	329-2015	2/10/2010	061-15000-09	16-028	100	12	2019	12/31/2030
CONTINUE	Yes	Condominium Holdings, LLC	Race Street Commercial Condos	CRA	87-2016	4/27/2016	061-15000-09	16-046	100	15	2018	12/31/2032
CONTINUE	Yes	Andante Housing, LLC	51 E Clifton Ave	LEED CRA	401-2015	1/27/2016	061-15000-09	16-008	100	12	2018	12/31/2029
CONTINUE	Yes	Oakley FC II, LLC	The Boulevard at Oakley Station Phase II	LEED CRA	37-2016	4/15/2016	061-15000-09	16-032	100	15	2017	12/31/2031
CONTINUE	Yes	Broadway Development 2001 LTD	Seventh & Broadway Tower	LEED CRA	293-2013	12/24/2013	061-15000-09	14-101	100	15	2015	12/31/2029
CONTINUE	Yes	Cincinnati Development I, LLC	580 Walnut Street/ @580 2nd Amendment	CRA	224-2014	9/30/2013	061-15000-09	17-013	100	12	2016	12/31/2027
CONTINUE	Yes	Cincinnati Scholar House LP	Cincinnati Scholar House	LEED CRA	93-2018	8/6/2018	061-15000-09	18-032	100	15	2020	12/31/2034
CONTINUE	Yes	VP4, LLC	VP4, LLC	LEED CRA	35-2015	3/20/2015	061-15000-09	15-114	100	15	2016	12/31/2030
CONTINUE	Yes	Riverbanks Phase II-A Owner, LLC	The Banks Phase II - Residential	CRA	230-2013	2/20/2014	061-15000-09	14-004	100	15	2016	12/31/2030
CONTINUE	Yes	Eighth and Sycamore LLC and NAP Sycamore LLC	8th and Sycamore	CRA	221-2015	10/5/2015	061-15000-09	16-019	100	15	2017	12/31/2031
CONTINUE	Yes	Market Square I, LLC	Market Square I	LEED CRA	329-2015	2/10/2010	061-15000-09	16-027	100	12	2017	12/31/2031
CONTINUE	Yes	Borgman Properties, LLC	Borgman Properties CRA	CRA	119-2016	5/11/2016	061-15000-09	16-036	100	8	2017	12/31/2024
CONTINUE	Yes	3117 Southside Realty LLC	Southside Realty-Industrial	LEED CRA	101-2015	5/19/2015	061-15000-09	16-051	90	15	2016	12/31/2030
CONTINUE	Yes	Bleh Property Holdings, LLC	Avril Bleh Meat Market	CRA	309-2021	11/1/2021	061-15000-09		100	10		
CONTINUE	Yes	Cintrifuse Innovation Hub, LLC	Cintrifuse	LEED CRA	225-2013	8/8/2014	061-15000-09	13-101	100	12	2016	12/31/2027
CONTINUE	Yes	793 E McMillan, LLC	Comfort Station	CRA	99-2018	7/9/2018	061-15000-09	18-033	100	15	2020	12/31/2034
CONTINUE	Yes	Deeper Roots Holdings	Deeper Roots CRA	CRA	132-2017	6/23/2017	061-15000-09	17-019	100	12	2018	12/31/2029
CONTINUE	Yes	Bartlett Building LTD	Bartlett - Renaissance Hotel	LEED CRA	130-2013	7/25/2013	061-15000-09	14-100	100	12	2014	3/1/2025
CONTINUE	Yes	ACG Federal Reserve, LLC	The Reserve	LEED CRA	427-2010	3/30/2011	061-15000-09	11-003	100	12	2012	12/31/2023

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CONTINUE	Yes	Cincinnati Bulk Terminals	CBT Intermodal	CRA	517-2019	8/27/2020	061-15000-09	20-031	100	15		
CONTINUE	Yes	McMillan Apartments, LLC	McMillan Apartments, LLC	LEED CRA	254-2014	12/17/2014	061-15000-09	15-123	100	15	2016	12/31/2030
CONTINUE	Yes	Towne Properties	Holy Cross Chapel Conversion	LEED CRA	224-2015	6/24/2005	061-15000-09	16-009	100	12	2018	12/31/2029
CONTINUE	Yes	Trevarren Flats I LLC	Trevarren Flats	LEED CRA	352-2014	1/22/2015	061-15000-09	17-008	100	12	2016	12/31/2027
CONTINUE	Yes	Hale-Justis Lofts, LP	Hale-Justis Lofts, LP	CRA - HIST	161-2013	6/12/2013	061-15000-09	18-028	100	22	2001	12/31/2022
CONTINUE	Yes	Mercer Commons OTR, LLC	Mercer Commons OTR, LLC	CRA	181-2012	5/31/2012	061-15000-09	15-103	100	12	2013	12/31/2024
CONTINUE	Yes	HCII-237 William Howard Taft Road, LLC	Taft Offices, LLC - LEED-CRA	LEED CRA	0007-2012	1/12/2012	061-15000-09	12-001	100	12	2013	12/31/2024
CONTINUE	Yes	1540 Elm LLC	1540 Elm CRA	CRA	042-2019	2/19/2019	061-15000-09	19-016	100	8	2020	12/31/2027
CONTINUE	Yes	8K Development Company, LLC	1714 Vine CRA	CRA	394-2019	10/31/2019	061-15000-09	20-007	100	12	2021	12/31/2032
CONTINUE	Yes	Urban Legacy VIII, LLC	1501 Vine Street	CRA	0024-2018	3/20/2018	061-15000-09	18-018	100	12	2017	12/31/2028
CONTINUE	Yes	South Block Properties, Ltd.	3930 Spring Grove	CRA	175-2014	6/25/2014	061-15000-09	15-113	100	12	2014	12/31/2025
CONTINUE	Yes	KAAPS 7364, LLC	Roselawn Center Renovation	CRA	0399-2016	1/23/2017	061-15000-09	17-009	100	12	2018	12/31/2029
CONTINUE	Yes	Stratford Court II, LLC	Stratford Apartments II	LEED CRA	194-2017	9/19/2017	061-15000-09	18-010	100	15	2019	12/31/2033
CONTINUE	Yes	Wellington APT LLC	111 Wellington Place	LEED CRA	232-2016	8/1/2016	061-15000-09	16-042	100	15	2019	12/31/2033
CONTINUE	Yes	The Community Builders	Avondale Town Center - LIHTC Project-Additional Units	LEED CRA	224-2017	10/27/2017	061-15000-09	19-010	100	15	2019	12/31/2033
CONTINUE	Yes	FC16, LLC	McMillan Firehouse Row - Phase I	CRA	292-2013	11/5/2013	061-15000-09	13-009	100	8	2015	12/31/2022
CONTINUE	Yes	Oakley Housing Partners, LLC	CRA Commercial Tax Abatement - Oakley Housing Partners	LEED CRA	0132-2014	7/3/2014	061-15000-09	16-004	100	15	2016	12/31/2030
CONTINUE	Yes	To Life, Ltd.	Project Red Phase B and C	CRA	120-2018	6/26/2018	061-15000-09	21-000	100	15	2019	12/31/2034
CONTINUE	Yes	Santana Properties, LLC	611 Main - Mazunte 2	CRA	139-2018	8/2/2018	061-15000-09	18-031	100	12	2020	12/31/2031
CONTINUE	Yes	Black Iron Capital LLC	Schwartz Building Renovation - 906 Main St	LEED CRA	256-2013	11/4/2013	061-15000-09	13-010	100	12	2015	12/31/2026
CONTINUE	Yes	GBG Strategies, LLC	12th & Main Area Office Development	CRA	39-2016	3/2/2016	061-15000-09	16-025	100	12	2017	12/31/2028
CONTINUE	Yes	River City Glass, Inc.	McAndrews Glass	CRA	24-2018	3/7/2018	061-15000-09	18-020	100	12	2019	12/31/2030
CONTINUE	Yes	Avila Magna Group, LLC	1509 Republic Street	CRA	0093-2015	5/21/2015	061-15000-09	15-125	100	8	2016	12/31/2023
CONTINUE	Yes	60 East, LLC	60 East McMicken CRA	CRA	222-2021	6/16/2021	061-15000-09	21-016	100	12		
CONTINUE	Yes	Curtis Street Investments, LLC	Curtis Street Redevelopment	CRA	267-2021	6/29/2021	061-15000-09	21-009	100	15		
CONTINUE	Yes	Pendleton Housing Partners, LP	Pendleton III Apartments CRA	CRA	188-2021	8/20/2021	061-15000-09	21-007	100	15		
CONTINUE	Yes	Wulfeck Family Partnership, LLC	Jet Machine Expansion	CRA	142-2016	9/9/2016	061-15000-09	16-050	75	15	2019	12/31/2033
CONTINUE	Yes	OTR Holdings, Inc.	131 W 15th Street	CRA	367-2016	12/22/2016	061-15000-09	17-007	100	12	2019	12/31/2030
CONTINUE	Yes	Elm Street Ventures, LLC	Elm Street Ventures, LLC	LEED CRA	109-2014	10/7/2014	061-15000-09	14-106	100	12	2015	12/31/2026
CONTINUE	Yes	Roehr Insurance Agency	Butterbean Properties - Roehr Insurance Relocation	CRA	83-2016	5/5/2016	061-15000-09	16-020	100	12	2017	12/31/2028
CONTINUE	Yes	Artichoke Properties, LLC	Redevelopment of 1824 Elm Street	LEED CRA	79-2015	5/6/2015	061-15000-09	15-112	100	12	2016	12/31/2027
CONTINUE	Yes	Shining Lotus Rentals LLC	1527 Elm	LEED CRA	59-2016	4/15/2016	061-15000-09	17-011	100	12	2017	12/31/2028
CONTINUE	Yes	Keidel Supply Company Inc.	Keidel Supply Company, Inc. Relocation	CRA	431-2019	12/4/2019	061-15000-09	20-011	100	12	2020	12/31/2031
CONTINUE	Yes	OTR Holdings, Inc.	1233 Walnut	CRA	0402-2016	2/1/2017	061-15000-09	19-058	100	12	2018	12/31/2029
CONTINUE	Yes	CH Keymark LLC	The Furniture Store	CRA	134-2021	5/6/2021	061-15000-09		100	15		
CONTINUE	Yes	17E-Fifteen LLC	17 E Fifteen St	CRA	111-2021	4/26/2021	061-15000-09	21-013	100	8		
CONTINUE	Yes	Lyjaad LLC	Clifton Market - CRA Tax Abatement	CRA	380-2015	2/22/2016	061-15000-09	16-023	100	12	2017	12/31/2028
CONTINUE	Yes	Court and Vine Holdings, LLC	915 Vine Street CRA	CRA	292-2020	6/10/2021	061-15000-09		100	12		
CONTINUE	Yes	3MG Properties LTD	1607 Main	CRA	234-2016	8/1/2016	061-15000-09	16-047	100	12	2020	12/31/2031
CONTINUE	Yes	Wooster Development, Ltd.	Prus Construction Expansion	CRA	31-2019	3/18/2019	061-15000-09	19-024	100	12	2020	12/31/2031
CONTINUE	Yes	VP3 LLC	VP3 New Multifamily LEED CRA	LEED CRA	346-2013	12/17/2013	061-15000-09	13-013	100	15	2015	12/31/2029
CONTINUE	Yes	Campus Management LTD	Park Avenue Square	LEED CRA	487-2019	4/20/2020	061-15000-09	20-018	100	15		
CONTINUE	Yes	Motz Properties LLC	3229 Riverside Dr - CRA	CRA	13-2016	11/1/2017	061-15000-09	19-014	100	12	2018	12/31/2029
CONTINUE	Yes	2718 Observatory Partners LLC	2718 Observatory Avenue CRA	CRA	277-2007	7/12/2007	061-00865-06	07-001	100	15	2009	12/31/2023
CONTINUE	Yes	Machine Flats, LLC	3301 Colerain - Middle Earth	CRA - HIST	109-2005	4/18/2005	061-15000-06	05-001	100	8	2015	12/31/2023
CONTINUE	Yes	65 West LLC	65 West-LEED CRA	LEED CRA	200-2010	7/20/2010	061-15000-09	10-010	100	15	2012	12/31/2026
CONTINUE	Yes	4138 Hamilton Avenue, LLC	Caracole Relocation (CRA)	CRA	63-2012	5/10/2012	061-15000-09	12-100	100	12	2014	12/31/2025
CONTINUE	Yes	Willkommen Holding, LLC	Willkommen REHAB	CRA	522-2019	7/2/2020	061-15000-09	20-025	100	15		

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CONTINUE	Yes	Towne Properties	DeSales Apartments II CRA	LEED CRA	373-2008	11/1/2008	061-15000-09	08-004	100	15	2010	12/31/2024
CONTINUE	Yes	5011 Kenwood, LLC	Camargo Capital Renovation	LEED CRA	296-2011	11/8/2011	061-15000-09	11-012	100	12	2013	3/1/2024
CONTINUE	Yes	Forest Square Apartments Limited Partnership	Forest Square Senior Apartments LEED-CRA	LEED CRA	371-2009	1/29/2010	061-15000-09	10-009	100	15	2011	12/31/2025
CONTINUE	Yes	Masi Realty LLC	Malton Art Gallery CRA	CRA	341-2008	10/27/2008	061-15000-09	09-002	100	15	2010	12/31/2024
CONTINUE	Yes	North Rhine Heights Limited Partnership	North Rhine Heights LEED-CRA	LEED CRA	293-2011	10/11/2011	061-15000-09	11-011	100	12	2012	12/31/2023
CONTINUE	Yes	F&C Development, Inc.	Oakley Station Apartments (LEED-CRA)	LEED CRA	103-2012	11/7/2012	061-15000-09	16-026	100	15	2014	12/31/2028
CONTINUE	Yes	RD America Inc.	Restaurant Depot CRA	CRA	40-2007	3/23/2007	061-15000-06	07-001	100	15	2008	12/31/2022
CONTINUE	Yes	KMS Realty, LTD	Skyline Chili CRA (Walnut Hills)	CRA	426-2007	1/29/2008	061-15000-09	08-001	100	15	2008	12/31/2022
CONTINUE	Yes	Stratford Companies	Stratford Companies/ Senior Star - Assisted Living CRA	CRA	158-2007	10/26/2007	061-15000-09	07-001	100	15	2010	12/31/2025
CONTINUE	Yes	Hallmark Student Housing Cincinnati, LLC	University Edge Cincinnati I LEED-CRA	LEED CRA	203-2011	6/15/2011	061-15000-09	16-003	100	15	2013	12/31/2027
CONTINUE	Yes	Wooster Park Office Condominium Association	Wooster Park office condos CRA	CRA	255-2006	10/4/2006	061-15000-06	06-001	100	15	2008	12/31/2022
CONTINUE	Yes	Willkommen Holding, LLC	Willkommen NEW	LEED CRA	523-2018	6/29/2020	061-15000-09	20-024	100	15		
CONTINUE	Yes	Oakley Yards Land, LLC	Oakley Yard Senior Living Development	CRA	192-2021	11/29/2021	061-15000-09		45	15		
CONTINUE	Yes	Oakley Yards Land, LLC	Oakley Yard Multi-family Development	CRA	191-2021	11/29/2021	061-15000-09		90	15		
CONTINUE	Yes	Court and Vine Holdings, LLC	31 E Court CRA	CRA	294-2020	6/4/2021	061-15000-09		100	12		
CONTINUE	Yes	Court and Vine Holdings, LLC	7-11 E Court Street CRA	CRA	291-2020	6/4/2021	061-15000-09		100	12		
CONTINUE	Yes	Uptown 5, LLC	341 & 343 Calhoun	CRA	295-2017	6/11/2018	061-15000-09	19-056	100	10	2019	12/31/2028
CONTINUE	Yes	509 E12 ST, LLC	509 E12 ST CRA	CRA	467-2019	12/31/2019	061-15000-09	20-017	100	12		
CONTINUE	Yes	SS Mamnoh, LLC	Madisonville Smart Storage	LEED CRA	0272-2017	12/7/2020	061-15000-09	20-035	100	15	2019	12/31/2033
CONTINUE	Yes	Avondale Housing LP	Avondale Revitalization Phase 1B	CRA	304-2014	11/13/2014	061-15000-09	14-109	100	8	2017	12/31/2024
CONTINUE	Yes	Jobs Cafe, LLC	Market Square II	LEED CRA	0114-2017	7/7/2017	061-15000-09	18-001	100	12	2019	12/31/2030
CONTINUE	Yes	Marlowe Court Limited Partnership	Marlowe Court	LEED CRA	117-2016	6/9/2016	061-15000-09	16-038	100	15	2018	12/31/2032
CONTINUE	Yes	Eurostampa North America; Inc.	Eurostampa Expansion	CRA	0349-2013	12/23/2013	061-15000-09	14-003	100	12	2015	12/31/2026
CONTINUE	Yes	Morgan Apartments LLC	Morgan Apartments	CRA	293-2017	10/20/2017	061-15000-09	18-030	100	12	2019	12/31/2031
CONTINUE	Yes	Avondale Housing II, LP	Avondale Revitalization Phase 1A	CRA	305-2014	11/13/2014	061-15000-09	14-107	100	8	2016	12/31/2023
MODIFY	No	Seitz, LLC	303 Seitz St	CRA	322-2019	8/15/2019	061-15000-09	19-054	100	12		
MODIFY	No	Supreme Bright Cincinnati	First National Bank	LEED CRA	23-2019	3/1/2019	061-15000-09	19-039	100	15		
MODIFY	No	Ingalls Hotel, LLC	Ingalls Building	LEED CRA	286-2018	11/2/2018	061-15000-09	19-051	100	15		
MODIFY	No	Kauffman Vine LLC	1725 Vine Street	LEED CRA	0202-2017	11/16/2017	061-15000-09	19-049	100	12		
MODIFY	No	Northcrown Property, LLC	1614 Walnut Street LEED CRA	LEED CRA	456-2019	3/17/2020	061-15000-09	20-041	100	15		
MODIFY	No	2347 Reading Road, LLC	2347 Reading Road, LLC	CRA	352-2018	11/16/2018	061-15000-09	19-001	100	15	2020	12/31/2034
MODIFY	No	2330 VP Apartments, LLC	Eden Enclaves	LEED CRA	330-2020	11/10/2020	061-15000-09		100	15		
MODIFY	No	The Fortus Group	W Liberty & Elm	CRA	86-2017	3/12/2018	061-15000-09	18-026	100	12		
MODIFY	No	Condominium Holdings, LLC	1505 Race	CRA	0113-2017	7/21/2017	061-15000-09	19-045	100	10		
MODIFY	No	Condominium Holdings, LLC	116 W 15th Street	CRA	0112-2017	7/21/2017	061-15000-09	19-044	100	12		
MODIFY	No	Neyer Holdings, Inc.	130-132 E. 6th Street	LEED CRA	146-2017	8/2/2017	061-15000-09	20-015	100	12		
MODIFY	No	1733 Elm St, LLC	1733 Elm Street	CRA	196-2019	7/12/2019	061-15000-09	19-035	100	12		
MODIFY	No	Custom Pro Logistics	Custom Pro Logistics - JCTC & CRA	CRA	0047-2017	4/12/2018	061-15000-09	18-021	100	12		
MODIFY	No	Northcrown 56 McMicken, LLC	56 E. McMicken CRA	CRA	105-2021	7/26/2021	061-15000-09	21-024	100	15		
MODIFY	No	E.M.A. Freeman, LLC	Freeman Apartments	LEED CRA	524-2019	1/14/2020	061-15000-09	20-037	100	12		
MODIFY	No	Azeotropic Partners, LLC	1301 Walnut St_ Commercial	CRA	364-2017	2/28/2018	061-15000-09	18-023	100	15	2020	12/31/2034
MODIFY	No	1725 Elm Street, LLC	1725 Elm CRA	CRA	468-2019	1/10/2020	061-15000-09	20-039	100	12		
MODIFY	No	Perseverance Commercial, LLC	Perseverance Commercial CRA	LEED CRA	439-2019	2/10/2020	061-15000-09	20-022	100	15		
MODIFY	No	Court Street Condos, LLC	Court Street Commons	LEED CRA	346-2018	11/30/2018	061-15000-09	19-040	100	15		
MODIFY	No	Cincy Downtown Lodging Associates, LLC	299 E. Sixth Street	LEED CRA	359-2018	2/26/2019	061-15000-09	19-036	100	15		
MODIFY	No	Building #1, LLC	100 E. Clifton, 101 & 105 Peete Renovation	LEED CRA	360-2018	12/17/2018	061-15000-09	19-064	100	12	2020	12/31/2031
MODIFY	No	Traction Partners, LLC	Traction Company Building	LEED CRA	459-2019	7/28/2020	061-15000-09	20-023	100	15		
MODIFY	No	233 Gilman, LLC	225 Gilman	LEED CRA	253-2017	10/20/2017	061-15000-09	18-009	100	12		

2022 TIRC Report - CRA Agreements
GENERAL INFO

Current Year TIRC Disposition	Compliant?	Organization Legal Name	Project: Project Name	Program Type	Council Ordinance Number	Contract Signature Date	ODSA Master Agreement Number	ODSA Individual Agreement Number	Rate	Abatement Term (yrs)	Start Year	Reporting End Date
MODIFY	No	OTR Market Properties, LLC	1635 Race	CRA	317-2018	11/9/2018	061-15000-09	19-002	95	9		
MODIFY	No	12 E Court Street, LLC	12 E. Court CRA	LEED CRA	396-2019	11/10/2019	061-15000-09	20-002	100	15		
MODIFY	No	423 East 13th Street, LLC	423 E. 13th Street	CRA	99-2019	4/25/2019	061-15000-09	19-022	100	10		12/31/2030
MODIFY	No	100 Findlay, LLC	100 Findlay	CRA	348-2015	2/16/2015	061-15000-09	20-033	100	8		
MODIFY	No	1629 Citadel LLC	2346 Boone CRA	CRA	59-2019	3/1/2019	061-15000-09	19-025	100	8		
MODIFY	No	222 Mohawk LLC	222-226 Mohawk CRA	CRA	463-2019	12/31/2019	061-15000-09	20-016	100	12		
MODIFY	Yes	Este Investors, LTD	Este Building LEED CRA	LEED CRA	543-2019	3/17/2020	061-15000-09	20-042	100	15		
TERMINATE	No	JRS Interests I, LLC	2315 Park Ave.	LEED CRA	280-2019	8/13/2019	061-15000-09	19-065	100	14		
TERMINATE	No	Azeotropic Partners, LLC	1301 Walnut St_ Residential	CRA	365-2017	3/2/2018	061-15000-09	18-024	100	10		12/31/2021
TERMINATE	No	E Barg LLC	1738-40 Queen City CRA	CRA	284-2018	11/8/2018	061-15000-09	19-004	100	12		
TERMINATE	No	Youthland Academy	Children United, LLC LEED CRA Tax Exemption	LEED CRA	105-2015	6/25/2015	061-15000-09	17-010	100	15		
TERMINATE	No	B-Side Landlord, LLC	B-Side Landlord, LLC	CRA	386-2012	2/19/2013	061-15000-09	16-015	100	8	2014	12/31/2021
TERMINATE	No	1526 Blair, LLC	1526 Blair Ave	CRA	193-2017	7/2/2017	061-15000-09	18-005	100	12	2019	12/31/2030
TERMINATE	Yes	BSG2, LLC	BSG2, LLC (1404 Walnut)	CRA	296-2012	8/3/2016	061-15000-09	16-041	100	8	2014	12/31/2021
TERMINATE	Yes	Base Operations, Inc.	Base Operations, Inc.	CRA	314-2015	2/5/2016	061-15000-09	16-034	100	8	2014	12/31/2021
TERMINATE	Yes	BAM Realty Group, LLC	4426 Brazee Street	LEED CRA	33-2012	3/26/2012		99-000	100	12	2010	12/31/2021
TERMINATE	Yes	Burke Inc.	Burke, Inc.	LEED CRA	120-2009	5/7/2009	061-15000-09	09-001	100	12	2010	12/31/2021
TERMINATE	Yes	The Fortus Group	W Liberty & Elm	CRA	85-2017	3/12/2018	061-15000-09	18-025	100	15		
TERMINATE	Yes	Over-the-Rhine Community Housing	CRA - 1500 Elm Street	CRA	0002-2013	2/5/2013	061-15000-09	13-001	100	8	2014	12/31/2021
TERMINATE	Yes	Fay Limited Partnership	Wallick-Stern-Hendy Properties -Fay Apartments Renovation CRA	CRA	165-2010	9/17/2010	061-15000-09	10-011	100	8	2014	12/31/2021
TERMINATE	Yes	OTR Holdings, Inc.	Mercer Commons, LP Garage CRA	CRA	393-2012	2/19/2013	061-15000-09	15-102	100	8	2014	12/31/2021

2022 TIRC Report - CRA Agreements
REPORTING INFO

Current Year TIRC Disposition	Compliant?	Organization Legal Name	Project: Project Name	Annual Report Received	Current Year Annual Fee	Fee Payment Date	Annual Fee Paid	Compliance Status
CONTINUE	No	University Townhomes, LLC	3561 Eden Avenue	2/9/2022	$500.00			Pending 2021 Annual Fee
CONTINUE	No	254 Mohawk, LLC	254 Mohawk CRA	2/14/2022	$500.00			Pending 2021 Annual Fee
CONTINUE	No	313 West 5th, LLC	313 W 5th CRA	2/14/2022	$500.00			Pending 2021 Annual Fee
CONTINUE	No	1623 Pleasant Street, LLC	1623 Pleasant CRA	2/14/2022	$500.00			Pending 2021 Annual Fee
CONTINUE	No	Metcut Research Inc.	Metcut Expansion - Project Oak Forest	2/24/2022	$518.99			Pending 2021 Annual Fee
CONTINUE	No	RBI Techsolve Property LLC	RBI Techsolve / RBI Solar - CRA	3/10/2022	$1,552.40			Pending 2021 Annual Fee
CONTINUE	No	Seymour Investments, LLC	Enquirer Distribution Ctr - Techsolve II	3/15/2022	$500.00			Pending 2021 Annual Fee
CONTINUE	No	BH New Arts, LP	The Arts Apartments at Music Hall	3/18/2022	$500.00			Pending 2021 Annual Fee
CONTINUE	No	The Deacon Propco, LLC	Straight Street Collegiate Apartments	3/27/2022	$2,500.00			Pending 2021 Annual Fee
CONTINUE	No	HG Pearl Provident, LLC	632 Vine Street / Provident Building	6/7/2022	$2,500.00			Pending 2021 Annual Fee
CONTINUE	No	Grandin Company LTD	223 W 12th St. / Strietmann Building Office Renovation	3/17/2022	$1,736.29			Pending 2021 Annual Fee
CONTINUE	No	Grandin Company LTD	1600 Central Parkway	3/17/2022	$500.00			Pending 2021 Annual Fee
CONTINUE	No	Gaslight Gardens LLC	Gaslight Whitfield, Ltd	3/15/2022	$2,500.00			Pending 2021 Annual Fee
CONTINUE	No	Grandin Company LTD	1308 Race Street	3/17/2022	$500.00			Pending 2021 Annual Fee
CONTINUE	No	Woods Real Estate Investments, LLC	Woods Real Estate Investments, LLC	3/18/2022	$500.00			Pending 2021 Annual Fee
CONTINUE	No	Saturday Knight Ltd.	Saturday Knight Relocation	6/6/2022	$500.00			Pending 2021 Annual Fee
CONTINUE	No	OTR Dispensaries, LLC	1902 Colerain - CRA	3/15/2022	$500.00			Pending 2021 Annual Fee
CONTINUE	No	Broadway Square IV, LLC	Broadway Square IV CRA Agreement	5/4/2022	$500.00			Pending 2021 Annual Fee
CONTINUE	No	Christian Moerlein Brewing Co.	MLH Cincinnati USA, LLC - Christian Moerlein @ The Banks		$1,661.84	3/28/2022	$1,661.84	Pending 2021 Annual Report
CONTINUE	No	Salvation Army Catherine Booth Residence LP	Salvation Army Catherine Booth Residence LP		$842.52	4/14/2022	$842.52	Pending 2021 Annual Report
CONTINUE	No	Paramount Redevelopment LLC	731 E McMillan Renovation		$500.00	5/31/2022	$500.00	Pending 2021 Annual Report
CONTINUE	No	3075 Vandercar SPDC LLC	Office Relocation - Oakley Station		$2,500.00	3/28/2022	$2,500.00	Pending 2021 Annual Report
CONTINUE	No	Midnight Oil Company	1536, 1538, 1540 Race		$500.00	3/28/2022	$500.00	Pending 2021 Annual Report
CONTINUE	No	1737 Vine, LLC	1737 Vine Street CRA		$500.00	4/18/2022	$500.00	Pending 2021 Annual Report
CONTINUE	No	Paramount Redevelopment LLC	Gateway at McMillan		$500.00	5/31/2022	$500.00	Pending 2021 Annual Report
CONTINUE	No	Post Office Place LLC	Post Office Place LLC - CRA		$500.00	2/11/2022	$500.00	Pending 2021 Annual Report
CONTINUE	No	Solica Construction	722 E McMillan		$500.00	5/31/2022	$500.00	Pending 2021 Annual Report
CONTINUE	No	Sycamore Diner, LLC	Sugar n' Spice LEED CRA		$500.00	4/18/2022	$500.00	Pending 2021 Annual Report
CONTINUE	No	Allston Place LLC	4016 Allston Place Commercial CRA		$500.00	2/11/2022	$500.00	Pending 2021 Annual Report
CONTINUE	No	Sands Senior Apartments, LLC	CRA - Sands Senior Apartments		$500.00			Pending 2021 Annual Report Pending 2021 Annual Fee
CONTINUE	No	La Caisse, Inc.	KZF Design Relocation to 700 Broadway - LEED-CRA		$500.00			Pending 2021 Annual Report Pending 2021 Annual Fee
CONTINUE	No	161 McMicken, LLC	161 E McMicken		$500.00			Pending 2021 Annual Report Pending 2021 Annual Fee
CONTINUE	No	1814 Central, LLC	OTR Stillhouse		$500.00	5/13/2022	$1,000.00	Pending 2021 Annual Report 2021 Annual Fee paid; 2020 Annual Fee still outstanding.
CONTINUE	No	Apple Street Senior LLC	Apple Street Senior CRA		$500.00			Pending 2021 Annual Report Pending 2021 Annual Fee
CONTINUE	No	Bond Hill Roselawn Senior Housing LP	Roselawn Senior Apartments		$1,333.50			Pending 2021 Annual Report Pending 2021 Annual Fee
CONTINUE	No	FD2 1121 Walnut, LLC	1121 Walnut		$500.00			Pending 2021 Annual Report Pending 2021 Annual Fee

2022 TIRC Report - CRA Agreements
REPORTING INFO

Current Year TIRC Disposition	Compliant?	Organization Legal Name	Project: Project Name	Annual Report Received	Current Year Annual Fee	Fee Payment Date	Annual Fee Paid	Compliance Status
CONTINUE	No	Sterling Medical Corporation	Sterling Medical LEED CRA - 2650 Burnet Ave		$500.00			Pending 2021 Annual Report Pending 2021 Annual Fee
MODIFY	No	1725 Elm Street, LLC	1725 Elm CRA	2/14/2022	$500.00			Pending 2021 Annual Fee
MODIFY	No	1733 Elm St, LLC	1733 Elm Street	2/17/2022	$500.00			Pending 2021 Annual Fee
MODIFY	No	The Fortus Group	W Liberty & Elm		$500.00			Pending 2021 Annual Report Pending 2021 Annual Fee
MODIFY	No	423 East 13th Street, LLC	423 E. 13th Street		$500.00			Pending 2021 Annual Report Pending 2021 Annual Fee
MODIFY	No	Cincy Downtown Lodging Associates, LLC	299 E. Sixth Street		$500.00			Pending 2021 Annual Report Pending 2021 Annual Fee
TERMINATE	No	1526 Blair, LLC	1526 Blair Ave		$500.00			Pending 2020 & 2021 Annual Report Pending 2019 & 2020 & 2021 Annual Fee ($1,500)
TERMINATE	No	E Barg LLC	1738-40 Queen City CRA		$500.00			Pending 2021 Annual Fee Pending 2021 Annual Report Pending 2020 Annual Report
TERMINATE	No	JRS Interests I, LLC	2315 Park Ave.		$500.00	2/11/2022	$500.00	Pending 2021 Annual Report
TERMINATE	No	Youthland Academy	Children United, LLC LEED CRA Tax Exemption		$500.00			Pending annual report and fee - 2019 & 2020 & 2021

2022 TIRC Report - CRA Agreements
CONSTRUCTION INFO

Current Year TIRC Disposition	Compliant?	Organization Legal Name	Project: Project Name	Construction End Date (Contracted)	Completion Date (CO Issued)	Projected Investment	Company-Reported Investment	Percent Expenditure Met	Completion Delays	Approval Notes
TERMINATE	No	E Barg LLC	1738-40 Queen City CRA	12/1/2020		$198,294		0%	Property sold, owner non-responsive	Pending Completion App
CONTINUE	No	161 McMicken, LLC	161 E McMicken	8/30/2021		$592,026		0%		Pending Completion App
CONTINUE	No	Linwood Real Estate Holdings, LLC	3152 Linnwood CRA	5/31/2021		$958,250	$3,262,430	340%		Pending Completion Application
CONTINUE	No	Cincinnati Brewery District Apartments, LLC	1906 Elm Street	6/30/2021		$1,582,000		0%	Contractor issues, pandemic	Pending completion application
CONTINUE	No	Allston Place LLC	4016 Allston Place Commercial CRA	7/31/2021		$960,000		0%		Pending Completion Application
MODIFY	No	Kauffman Vine LLC	1725 Vine Street	6/30/2018		$2,669,150		0%	Pandemic, supply, labor	Pending Extension Amendment
MODIFY	No	Custom Pro Logistics	Custom Pro Logistics - JCTC & CRA	12/1/2018	9/11/2019	$650,000	$1,558,734	240%		Pending Extension Amendment
MODIFY	No	2347 Reading Road, LLC	2347 Reading Road, LLC	12/31/2019	6/11/2021	$8,393,194	$14,000,000	167%		Pending Extension Amendment
MODIFY	No	Condominium Holdings, LLC	1505 Race	12/31/2019		$630,544	$221,243	35%		Pending Extension Amendment
MODIFY	No	Condominium Holdings, LLC	116 W 15th Street	12/31/2019		$660,428	$221,243	33%		Pending Extension Amendment
MODIFY	No	233 Gilman, LLC	225 Gilman	3/31/2020		$350,000	$492,606	141%		Pending extension amendment
MODIFY	No	Building #1, LLC	100 E. Clifton, 101 & 105 Peete Renovation	4/30/2020	11/30/2021	$2,645,500	$4,267,884	161%	Pandemic	Pending Extension Amendment
MODIFY	No	Azeotropic Partners, LLC	1301 Walnut St_ Commercial	5/31/2020	6/11/2020	$1,878,979	$4,690,698	250%		Pending extension amendment
MODIFY	No	Cincy Downtown Lodging Associates, LLC	299 E. Sixth Street	6/30/2020		$10,400,000		0%	Pandemic	Pending Extension Amendment
TERMINATE	No	JRS Interests I, LLC	2315 Park Ave.	9/30/2020		$3,278,499		0%	Pandemic	Pending Extension Amendment
MODIFY	No	Ingalls Hotel, LLC	Ingalls Building	10/31/2020		$12,000,000	$16,000,000	133%		Pending Extension Amendment
MODIFY	No	Seitz, LLC	303 Seitz St	11/30/2020		$477,150		0%	Inspection issues, pandemic	Pending Extension Amendment
MODIFY	No	The Fortus Group	W Liberty & Elm	12/31/2020		$3,300,000		0%	Design plans changed	Pending extension amendment
MODIFY	No	423 East 13th Street, LLC	423 E. 13th Street	3/31/2021		$1,090,000		0%		Pending Extension Amendment
MODIFY	No	1725 Elm Street, LLC	1725 Elm CRA	6/30/2021		$1,234,442		0%		Pending Extension Amendment
MODIFY	No	100 Findlay, LLC	100 Findlay	6/30/2021		$480,000		0%	Pandemic, supply, labor	Pending extension amendment
MODIFY	No	222 Mohawk LLC	222-226 Mohawk CRA	9/1/2021		$1,054,000		0%		Pending extension amendment
MODIFY	No	2330 VP Apartments, LLC	Eden Enclaves	9/30/2021		$2,100,000		0%	Supply	Pending extension amendment
MODIFY	No	1733 Elm St, LLC	1733 Elm Street	9/30/2021		$1,087,250		0%	Inspection issues	Pending extension amendment
MODIFY	No	Court Street Condos, LLC	Court Street Commons	10/15/2021				#Error!		Pending extension amendment
MODIFY	No	E.M.A. Freeman, LLC	Freeman Apartments	10/31/2021		$600,000		0%	Supply, pandemic, contractor issues	Pending extension amendment
MODIFY	No	Supreme Bright Cincinnati	First National Bank	12/31/2021		$48,500,000		0%		Pending extension amendment
MODIFY	No	Northcrown Property, LLC	1614 Walnut Street LEED CRA	12/31/2021		$1,340,000		0%	historic structure issues	Pending extension amendment
MODIFY	No	Perseverance Commercial, LLC	Perseverance Commercial CRA	12/31/2021		$1,927,262		0%		Pending extension amendment
MODIFY	No	Northcrown 56 McMicken, LLC	56 E. McMicken CRA	4/1/2022		$1,501,184		0%	Historic design changes, pandemic	Pending extension amendment
MODIFY	No	12 E Court Street, LLC	12 E. Court CRA	4/1/2022		$734,500		0%	Pandemic, supply	Pending extension amendment
MODIFY	No	Traction Partners, LLC	Traction Company Building	4/30/2022		$32,000,000		0%	Pandemic	Pending extension amendment
MODIFY	No	1629 Citadel LLC	2346 Boone CRA	6/30/2021		$552,261		0%	Pandemic, supply	Pending extension Amendment #2
MODIFY	No	OTR Market Properties, LLC	1635 Race	8/23/2020		$511,000		0%	Pandemic	Pending Extension Amendment 2020
MODIFY	No	Neyer Holdings, Inc.	130-132 E. 6th Street	12/31/2018		$3,500,000		0%	Pandemic	Pending Extension Request by Company

2022 TIRC Report - CRA Agreements
JOBS & PAYROLL INFO

Current Year TIRC Disposition	Compliant?	Organization Legal Name	Project: Project Name	End Date-Job Creation Period	Jobs Created (Contracted)	Jobs Created (2021)	Jobs Created Payroll (Contracted)	Jobs Created Payroll (2021)	Created Jobs Compliance Rate	Jobs Retained (Contracted)	Jobs Retained (2021)	Jobs Retained Payroll (Contracted)	Jobs Retained Payroll (2021)	Retained Jobs Compliance Rate	Approval Notes
CONTINUE	No	Grandin Company LTD	1308 Race Street	3/1/2017	206	90	$15,910,105	$5,200,000	44%	0	0.5	0	35000		Jobs requirement adjusted to 100 in 2018 to be more realistic.
CONTINUE	No	US Bank	U.S. Bank - CRA/JCTC	3/1/2023	400	0	$19,200,000	$0	0%	2210	1914	160683000	149922461		Low jobs and payroll - pandemic, economic downturn
CONTINUE	No	Queen City Flatts, LLC	Hubbard Radio Relocation	3/1/2024	36	0	$1,900,000	$0	0%	142	121	13000000	15771051		Low jobs and payroll - economic headwinds; growth in 2022 expected
CONTINUE	No	TLAAT9, LLC	Neyer Management	3/1/2021	10	5	$450,000	$175,000	50%	0	25	0	935000		Low jobs and payroll - no explanation
CONTINUE	No	General Electric	GE Operations Center	3/1/2019	1800	954	$140,000,000	$111,820,168	53%	0	0	0	0		Issues pending further discussions with City
CONTINUE	No	Grandin Company LTD	Strietmann Building	3/1/2020	500	70	$30,000,000	$4,200,000	14%	0	0	0	0		Low jobs and payroll (2 years) - no explanation
CONTINUE	No	TLAAT 7 LLC	Active Day Senior Care - CRA	3/1/2020	15	15	$500,000	$500,000	1%	20	0	0	0		No retained jobs - no explanation
CONTINUE	No	South Block Phase IV, LLC	3936 Spring Grove	3/1/2019	19	6	$285,000	$180,000	32%	0	0	0	0		Low jobs and payroll (2 years) - pandemic
CONTINUE	No	Grandin Company LTD	1600 Central Parkway	3/1/2019	60	26	$3,000,000	$1,560,000	43%	0	0	0	0		Low jobs and payroll (2 years) - no explanation
CONTINUE	No	BarbAurora, LLC	BarbAurora, LLC	3/1/2020	17	13	$367,040	$0	77%	0	0	0	0		Payroll low - pandemic
CONTINUE	No	Woods Real Estate Investments, LLC	Woods Real Estate Investments	3/1/2021	28	14	$1,329,900	$1,540,226	50%	0	4		250000		Low jobs - missing new tenant's job figures
CONTINUE	Yes	Globe Building LLC	1801-1805 Elm Street	3/1/2019	42	31	$1,460,000	$1,332,229	74%	0	0	0	0		Low jobs - pandemic, tenancy
CONTINUE	Yes	Keidel Supply Company Inc.	Keidel Supply Co., Inc. Relocation	3/1/2014	45	8	$2,000,000	$367,000	18%	0	6	0	300000		Low jobs - pandemic, lack of job seekers
CONTINUE	Yes	1415 Republic LLC	1415 Republic	3/1/2020		15		$1,000,000		25	0	1750000	0		Low jobs: pandemic, lost tenant, new tenant growing in 2022
CONTINUE	Yes	On the Rhine LLC	Urban Stead Cheese CRA	3/1/2021	8	3.5	$300,000	$115,556	44%	0	0	0	0		Low jobs - pandemic
CONTINUE	Yes	233 Gilman, LLC	CRA - 233 Gilman Ave	3/1/2018	18	6	$300,000	$200,000	33%	3	0	30000	0		Jobs and payroll requirements adjusted to be more realistic.
CONTINUE	Yes	Urban Legacy VIII, LLC	15 W. 14th St	3/1/2018	26	7	$1,090,000	$202,423	27%	0	0	0	0		Low jobs - pandemic, vacancies
CONTINUE	Yes	3117 Southside Realty LLC	Southside Realty-Industrial	3/1/2019	150	105	$4,500,000	$3,807,645	70%	0	0	0	0		Low jobs - staffing issues, scheduling issues
CONTINUE	Yes	River City Glass, Inc.	McAndrews Glass	3/1/2021	20	13	$900,000	$267,204	65%	27	23	1125000	986472.01		Low jobs - cannot find applicants
CONTINUE	Yes	2718 Observatory Partners LLC	2718 Observatory Avenue CRA	3/1/2011	50	22	$1,750,000	$4,554,009	44%	0	22	0	4554009		Low jobs, higher payroll
CONTINUE	Yes	Wooster Park Office Condo Assn.	Wooster Park office condos CRA	3/1/2011	48	58	$1,680,000	$5,994,216	357%	0	0	0	0		Low jobs - adjusted to 48 created is more realistic.
CONTINUE	Yes	Marlowe Court Limited Partnership	Marlowe Court	3/1/2020	14	2	$539,280	$59,668	14%	0	0	0	0		Low jobs - adjusted to 3-4 created is more realistic.

ATTACHMENT IV

Education Center ⋆ 2651 Burnet Ave., Cincinnati, OH 45201 ⋆ Phone: 513-363-0425 * wagnerj@cps-k12.org

Dusty Rhodes
Hamilton County Auditor
138 E. Court Street
Cincinnati, OH 45202

Michael Banish
City of Cincinnati
805 Central Ave, Suite 700
Cincinnati, OH 45202

Re: Delinquent CRA PILOT Payments

Dear Auditor Rhodes:

This letter is to advise you of the recipients of Community Reinvestment Area (CRA) abatements who are not current on their contracts for payments in lieu of taxes (PILOTs) to Cincinnati Public Schools.

Considering these non-payments and delinquencies, Cincinnati Public Schools respectfully requests that the County Auditor and City of Cincinnati issue notices of non-compliance to the following taxpayers, and if payments are not made current, to void the CRA pursuant to the terms of the PILOT agreements.

Specifically, these contracts listed below have 2 or more outstanding invoices that remain unpaid as of 6/17/2022 at 4pm:

Contract Entity	Tax Parcel #	CPS Cust #	Bill Cycle	Amount Due
1526 Blair, LLC	**058-0002-0140-00**	C01038	Jan-21	$ 510.13
1526 Blair, LLC	**058-0002-0140-00**	C01038	May-21	$ 510.13
1526 Blair, LLC	**058-0002-0140-00**	C01038	Jan-22	$ 509.56
793 East McMillan LLC	**068-0003-0220-00**	C01118	Jan-21	$ 262.43
793 East McMillan LLC	**068-0003-0220-00**	C01118	May-21	$ 262.43
793 East McMillan LLC	**068-0003-0220-00**	C01118	Jan-22	$ 262.14
KAAPS 7364 LLC	**117-0009-0131-00**	C01053	Jan-21	$ 4,545.70
KAAPS 7364 LLC	**117-0009-0131-00**	C01053	May-21	$ 4,545.70

KAAPS 7364 LLC	**117-0009-0131-00**	C01053	Jan-22	$	4,540.63
Losantiville Evanston, LLC C/O The Model Group	**054-0005-0144-00**	C00180	Jan-21	$	35.98
Losantiville Evanston, LLC C/O The Model Group	**054-0005-0144-00**	C00180	May-21	$	35.98
Losantiville Evanston, LLC C/O The Model Group	**054-0005-0144-00**	C00180	Jan-22	$	35.94
Losantiville Evanston, LLC C/O The Model Group	**058-0006-0007-00**	C00180	Jan-21	$	83.84
Losantiville Evanston, LLC C/O The Model Group	**058-0006-0007-00**	C00180	May-21	$	83.84
Losantiville Evanston, LLC C/O The Model Group	**058-0006-0007-00**	C00180	Jan-22	$	83.75
Seymour Investments, LLC	**117-0007-0092-00**	C00227	Jan-21	$	4,442.06
Seymour Investments, LLC	**117-0007-0092-00**	C00227	May-21	$	4,442.06
Seymour Investments, LLC	**117-0007-0092-00**	C00227	Jan-22	$	4,437.11
FD2 1121 Walnut, LLC	**076-0002-0099-00**	C00221	Jan-21	$	1,173.68
FD2 1121 Walnut, LLC	**076-0002-0099-00**	C00221	Jan-22	$	1,172.37
Masi Realty LLC	**040-0003-0125-00**	C00071	Jan-21	$	1,419.70
Masi Realty LLC	**040-0003-0125-00**	C00071	Jan-22	$	1,418.12
FRANK SCHNEIDER	**021-0001-0057-00**	C00053	May-21	$	585.16
FRANK SCHNEIDER	**021-0001-0057-00**	C00053	Jan-22	$	584.51
				$	**35,982.95**

If you have questions concerning these or any other active CRA/PILOT, please contact the CPS Treasurer's Office, Accounts Receivable Supervisor, Ben Heckert at either of the following: heckerb@cpsboe.k12.oh.us or 513-363-0216.

Sincerely,

Jennifer M. Wagner
Treasurer/Chief Financial Officer

city of CINCINNATI

Interdepartmental Correspondence Sheet

Date: 9/14/2022

202201745

To: Mayor and Members of City Council

From: Sheryl M.M. Long, City Manager

Subject: **SPECIAL EVENT PERMIT APPLICATION: (Go Big Day Celebrating the Beechmont Connector)**

In accordance with Cincinnati Municipal Code, Chapter 765; (Great Parks of Hamilton County) has submitted a Special Event Permit Application Form to the Chief of Police. The Special Event Permit Application has been reviewed by the following department(s): (Cincinnati Police Department, Fire Department, Health Department, Parks Department, Department of Building and Inspections, Department of Community and Economic Development, Department of Finance, Department of Public Services, and Department of Transportation and Engineering). There are no objections to issuing the Special Events Permit.

The particulars of the requested event are as indicated:

EVENT NAME/TITLE:	Go Big Day Celebrating the Beechmont Connector
EVENT SPONSOR/PRODUCER:	Great Parks of Hamilton County
CONTACT PERSON:	Lori Salzarulo
LOCATION:	Otto Armleder Park 5057 Wooster Pike
DATE(S) AND TIME(S):	10/02/2022 11:00AM to 7:00PM
EVENT DESCRIPTION:	Community celebration of the new Beechmont bridge Connector and Otto Armleder Park
ANTICIPATED ATTENDANCE:	750
ALCOHOL SALES:	☒ YES. ☐ NO.

TEMPORARY LIQUOR PERMIT HOLDER IS: (T.B.D.)

T. Theetge

cc: Lieutenant Colonel Teresa A. Theetge, Interim Police Chief

city of CINCINNATI

Interdepartmental Correspondence Sheet

Date: September 14, 2022

To: Mayor and Members of City Council

202201760

From: Sheryl M. M. Long, City Manager

Subject: **Liquor License – New**

FINAL RECOMMENDATION REPORT

OBJECTIONS: None

This is a report on a communication from the State of Ohio, Division of Liquor Control, advising of a permit application for the following:

APPLICATION: 4948907
PERMIT TYPE: NEW
CLASS: D1
NAME: KWS VENTURES LLC
DBA: NONE LISTED
3410 TELFORD STREET
CINCINNATI, OH 45220

As of today's date, the Department of Buildings & Inspections provided no comment with their investigation.

On July 26, 2022, Clifton Town Meeting was notified of this application and do not object.

Police Department Approval

David M. Laing, Assistant City Prosecutor
Law Department - Recommendation
Objection No Objection

MUST BE RECEIVED BY OHIO DIVISION OF LIQUOR CONTROL BY: September 21, 2022

city of CINCINNATI

Interdepartmental Correspondence Sheet

Date: August 8, 2022

To: Lieutenant Colonel Teresa A. Theetge, Interim Police Chief

From: Sergeant Craig R. Copenhaver, District 5 Violent Crimes Squad

Copies to:

Subject: **RENEWAL, TRANSFER OR ISSUANCE OF LIQUOR LICENSES**

PATROL BUREAU MEMO #: 22-347

DISTRICT INVESTIGATING LIQUOR PERMIT PREMISE: District Five

PERMIT #: 2948907

TYPE OF PERMIT APPLIED FOR: New

PERMIT NAME & ADDRESS:

Name:	KWS Ventures DBA: None listed
Address:	3410 Telford

APPLICANTS NAME(S): Aaron Kohlhepp

INSPECTION / INVESTIGATION INFORMATION:

Officer:	Police Officer John Wolff
Date:	08/08/2022
Findings:	KWS Ventures has applied for new permits. I spoke with applicant Aaron Kohlhepp who stated the building renovations have not begun yet and the planning/architecture drawings are just beginning and he does not have an estimate when the business would begin to be open.

COMMUNITY COUNCIL NOTIFIED:

Name 1: Nathan Hess	Date: 8/8/2022	Notified by: phone
Phone: (859) 640-0248	E-mail: cufna.org	
Name 2:	Date:	Notified by: email
Phone:	E-mail:	

DISPOSITION OF THE COMMUNITY COUNCIL:

☒NO OBJECTIONS ☐OBJECTION: Attached Letter with Community Council Letterhead

DISPOSITION OF THE DISTRICT:

☒NO OBJECTIONS ☐OBJECTION: If objection checked, a narrative is required below

REASON FOR OBJECTION:

CRC/JWW

No Objection
- MS/LTCH
8/10/22

City of Cincinnati
Council

Melissa Autry, CMC
Clerk of Council

Office of the Clerk

801 Plum Street, Suite 308
Cincinnati, Ohio 45202
Phone (513) 352-3246
Fax (513) 352-2578

July 25, 2022

OHIO DIVISION OF LIQUOR CONTROL
LICENSING SECTION
NEW PERMIT SECTION
6606 TUSSING ROAD
P O BOX 4005
REYNOLDSBURG, OH 43068-9005

Dear Ohio Division of Liquor Control:

The Council of the City of Cincinnati, State of Ohio, **is requesting a 30 day extension** on the below cited liquor permit application:

Application No.:	4948907
Permit Type:	NEW D1
Name:	KWS VENTURES LLC 3410 TELFORD STREET CINCINNATI OH 45220

Pursuant to R.C. 4303.26(A), City of Cincinnati City Council, through its Clerk of Council (collectively, hereinafter "the City"), respectfully requests an additional 30 days in which to respond to the Ohio Division of Liquor Control regarding whether the City will request a hearing on the subject liquor permit application. The City makes such time extension request for good cause and not for unnecessary delay. Specifically, the City requires additional time for each of its various departments and the applicable community council to review and investigate the liquor application by performing all necessary inspections and research including, but not limited to, permit applicant interviews, site premises inspections, background investigations, and historical investigations regarding the history of the permit premises and the subject location. Moreover, such extension of time would provide the applicable community council an opportunity to meet, vote, and respond back to the City by the deadline. Therefore, the City requires such time extension in order to perform its due diligence in this matter. The City respectfully requests this time extension in good faith, for good cause, and not for unnecessary delay.

Please fax the confirmation back to us as soon as possible at (513)352-2578.

Thank you for your prompt attention.

Sincerely,

Melissa Autry, CMC
Clerk of Council

NOTICE TO LEGISLATIVE AUTHORITY

OHIO DIVISION OF LIQUOR CONTROL
6606 TUSSING ROAD, P.O. BOX 4005
REYNOLDSBURG, OHIO 43068-9005
(614)644-2360 FAX(614)644-3166

TO

4948907 PERMIT NUMBER	NEW TYPE	KWS VENTURES LLC 3410 TELFORD STREET CINCINNATI OH 45220
ISSUE DATE		
07 07 2002 FILING DATE		
D1 PERMIT CLASSES		
31 TAX DISTRICT 066 A	D47465 RECEIPT NO.	

FROM 07/22/2022

PERMIT NUMBER	TYPE	
ISSUE DATE		
FILING DATE		
PERMIT CLASSES		
TAX DISTRICT	RECEIPT NO.	

MAILED 07/22/2022 RESPONSES MUST BE POSTMARKED NO LATER THAN. 08/22/2022

IMPORTANT NOTICE

PLEASE COMPLETE AND RETURN THIS FORM TO THE DIVISION OF LIQUOR CONTROL WHETHER OR NOT THERE IS A REQUEST FOR A HEARING.

REFER TO THIS NUMBER IN ALL INQUIRIES A NEW 4948907
(TRANSACTION & NUMBER)

(MUST MARK ONE OF THE FOLLOWING)

WE REQUEST A HEARING ON THE ADVISABILITY OF ISSUING THE PERMIT AND REQUEST THAT THE HEARING BE HELD ☐ IN OUR COUNTY SEAT. ☐ IN COLUMBUS.

WE DO NOT REQUEST A HEARING. ☐
DID YOU MARK A BOX? IF NOT, THIS WILL BE CONSIDERED A LATE RESPONSE.

PLEASE SIGN BELOW AND MARK THE APPROPRIATE BOX INDICATING YOUR TITLE:

(Signature) (Title)- ☐ Clerk of County Commissioner (Date)
☐ Clerk of City Council
☐ Township Fiscal Officer

25JUL'22AM11:34

CLERK OF COUNCIL

CINCINNATI CLERK OF COUNCIL
CITY HALL
801 PLUM ST ROOM 308
CINCINNATI OHIO 45202

DLC 4092 REV. 03/09

City of Cincinnati
Council

Melissa Autry, CMC
Clerk of Council

Office of the Clerk

801 Plum Street, Suite 308
Cincinnati, Ohio 45202
Phone (513) 352-3246
Fax (513) 352-2578

For City Bulletin

Liquor Permit Application

From the Department of Liquor Control advising of permit application for the following:

Application No.:	4948907
Permit Type:	NEW D1
Name:	KWS VENTURES LLC 3410 TELFORD STREET CINCINNATI OH 45220

Pursuant to Section 4303.261 of the Ohio Revised Code, Council must notify the Department of Liquor Control within thirty days if there is an objection to the above permit.

Notice of Application was received by the Clerk of Council's Office

07/25/2022

MELISSA AUTRY, CMC Clerk of Council

The last day for the State to receive an objection is

08/22/2022

city of CINCINNATI

Interdepartmental Correspondence Sheet

Date: September 14, 2022

To: Mayor and Members of City Council 202201761

From: Sheryl M. M. Long, City Manager

Subject: **Liquor License – New**

FINAL RECOMMENDATION REPORT

OBJECTIONS: None

This is a report on a communication from the State of Ohio, Division of Liquor Control, advising of a permit application for the following:

APPLICATION: 4948907
PERMIT TYPE: NEW
CLASS: D2 D3 D3A
NAME: KWS VENTURES LLC
DBA: NONE LISTED
3410 TELFORD STREET
CINCINNATI, OH 45220

As of today's date, the Department of Buildings & Inspections provided no comment with their investigation.

On July 22, 2022, Clifton Town Meeting was notified of this application and do not object.

Police Department Approval

David M. Laing, Assistant City Prosecutor
Law Department - Recommendation
Objection No Objection

MUST BE RECEIVED BY OHIO DIVISION OF LIQUOR CONTROL BY: September 16, 2022

city of CINCINNATI

Interdepartmental Correspondence Sheet

Date: August 8, 2022

To: Lieutenant Colonel Teresa A. Theetge, Interim Police Chief

From: Sergeant Craig R. Copenhaver, District 5 Violent Crimes Squad

Copies to

Subject: **RENEWAL, TRANSFER OR ISSUANCE OF LIQUOR LICENSES**

PATROL BUREAU MEMO #: 22-347

DISTRICT INVESTIGATING LIQUOR PERMIT PREMISE: District Five

PERMIT #: 2948907

TYPE OF PERMIT APPLIED FOR: New

PERMIT NAME & ADDRESS:

Name:	KWS Ventures DBA: None listed
Address:	3410 Telford

APPLICANTS NAME(S): Aaron Kohlhepp

INSPECTION / INVESTIGATION INFORMATION:

Officer:	Police Officer John Wolff
Date:	08/08/2022
Findings:	KWS Ventures has applied for new permits. I spoke with applicant Aaron Kohlhepp who stated the building renovations have not begun yet and the planning/architecture drawings are just beginning and he does not have an estimate when the business would begin to be open.

COMMUNITY COUNCIL NOTIFIED:

Name 1: Nathan Hess	Date: 8/8/2022	Notified by: phone
Phone: (859) 640-0248	E-mail: cufna.org	

Name 2:	Date:	Notified by: email
Phone:	E-mail:	

DISPOSITION OF THE COMMUNITY COUNCIL:

☒NO OBJECTIONS ☐OBJECTION: Attached Letter with Community Council Letterhead

DISPOSITION OF THE DISTRICT:

☒NO OBJECTIONS ☐OBJECTION: If objection checked, a narrative is required below

REASON FOR OBJECTION:

CRC/JWW

No Objection
- ~~MS/ATCA~~
8/10/22.

City of Cincinnati
Council

Melissa Autry, CMC
Clerk of Council

Office of the Clerk

801 Plum Street, Suite 308
Cincinnati, Ohio 45202
Phone (513) 352-3246
Fax (513) 352-2578

July 22, 2022

OHIO DIVISION OF LIQUOR CONTROL
LICENSING SECTION
NEW PERMIT SECTION
6606 TUSSING ROAD
P O BOX 4005
REYNOLDSBURG, OH 43068-9005

Dear Ohio Division of Liquor Control:

The Council of the City of Cincinnati, State of Ohio, **is requesting a 30 day extension** on the below cited liquor permit application:

Application No.:	4948907
Permit Type:	NEW D2 D3 D3A
Name:	KWS VENTURES LLC 3410 TELFORD STREET CINCINNATI OH 45220

Pursuant to R.C. 4303.26(A), City of Cincinnati City Council, through its Clerk of Council (collectively, hereinafter "the City"), respectfully requests an additional 30 days in which to respond to the Ohio Division of Liquor Control regarding whether the City will request a hearing on the subject liquor permit application. The City makes such time extension request for good cause and not for unnecessary delay. Specifically, the City requires additional time for each of its various departments and the applicable community council to review and investigate the liquor application by performing all necessary inspections and research including, but not limited to, permit applicant interviews, site premises inspections, background investigations, and historical investigations regarding the history of the permit premises and the subject location. Moreover, such extension of time would provide the applicable community council an opportunity to meet, vote, and respond back to the City by the deadline. Therefore, the City requires such time extension in order to perform its due diligence in this matter. The City respectfully requests this time extension in good faith, for good cause, and not for unnecessary delay.

Please fax the confirmation back to us as soon as possible at (513)352-2578.

Thank you for your prompt attention.

Sincerely,

Melissa Autry, CMC
Clerk of Council

NOTICE TO LEGISLATIVE AUTHORITY

OHIO DIVISION OF LIQUOR CONTROL
6606 TUSSING ROAD, P.O. BOX 4005
REYNOLDSBURG, OHIO 43068-9005
(614)644-2360 FAX(614)644-3166

TO

4948907 PERMIT NUMBER	NEW TYPE	KWS VENTURES LLC 3410 TELFORD STREET CINCINNATI OH 45220
ISSUE DATE		
07 07 2022 FILING DATE		
D2 D3 D3A PERMIT CLASSES		
31 TAX DISTRICT 066 A	D47466 RECEIPT NO.	

FROM 07/18/2022

PERMIT NUMBER	TYPE	
ISSUE DATE		
FILING DATE		
PERMIT CLASSES		
TAX DISTRICT	RECEIPT NO.	

MAILED 07/18/2022 RESPONSES MUST BE POSTMARKED NO LATER THAN. 08/18/2022

IMPORTANT NOTICE

PLEASE COMPLETE AND RETURN THIS FORM TO THE DIVISION OF LIQUOR CONTROL WHETHER OR NOT THERE IS A REQUEST FOR A HEARING.

REFER TO THIS NUMBER IN ALL INQUIRIES A NEW 4948907
(TRANSACTION & NUMBER)

(MUST MARK ONE OF THE FOLLOWING)

WE REQUEST A HEARING ON THE ADVISABILITY OF ISSUING THE PERMIT AND REQUEST THAT THE HEARING BE HELD ☐ IN OUR COUNTY SEAT. ☐ IN COLUMBUS.

WE DO NOT REQUEST A HEARING. ☐

DID YOU MARK A BOX? IF NOT, THIS WILL BE CONSIDERED A LATE RESPONSE.

PLEASE SIGN BELOW AND MARK THE APPROPRIATE BOX INDICATING YOUR TITLE:

(Signature) (Title)- ☐ Clerk of County Commissioner (Date)

☐ Clerk of City Council

☐ Township Fiscal Officer

CINCINNATI CLERK OF COUNCIL
CITY HALL
801 PLUM ST ROOM 308
CINCINNATI OHIO 45202

22JUL'22AM1:27

CLERK OF COUNCIL

DLC 4052 REV. 03/09

City of Cincinnati
Council

Melissa Autry, CMC
Clerk of Council

Office of the Clerk

801 Plum Street, Suite 308
Cincinnati, Ohio 45202
Phone (513) 352-3246
Fax (513) 352-2578

For City Bulletin

Liquor Permit Application

From the Department of Liquor Control advising of permit application for the following:

Application No.:	4948907
Permit Type:	NEW D2 D3 D3A
Name:	KWS VENTURES LLC 3410 TELFORD STREET CINCINNATI OH 45220

Pursuant to Section 4303.261 of the Ohio Revised Code, Council must notify the Department of Liquor Control within thirty days if there is an objection to the above permit.

Notice of Application was received by the Clerk of Council's Office

07/22/2022

MELISSA AUTRY, CMC Clerk of Council

The last day for the State to receive an objection is

08/18/2022

city of CINCINNATI

Interdepartmental Correspondence Sheet

Date: September 14, 2022

To: Mayor and Members of City Council

From: Sheryl M. M. Long, City Manager

Subject: **Liquor License – Transfer of Location**

FINAL RECOMMENDATION REPORT

OBJECTIONS: None

This is a report on a communication from the State of Ohio, Division of Liquor Control, advising of a permit application for the following:

APPLICATION: 47674070001
PERMIT TYPE: TRFL
CLASS: D1 D2 D3 D3A D6
NAME: KOL GROUP LLC
DBA: TULU NIGHTCLUB AND COCKTAIL BAR
UNIT 101 BAR & UNIT 102 OFFICE
920 RACE ST
CINCINNATI, OH 45202

As of today's date, the Department of Buildings & Inspections provided no comment with their investigation.

On July 22, 2022, Downtown Residents Council was notified of this application and do not object.

Police Department Approval

David M. Laing, Assistant City Prosecutor
Law Department - Recommendation
Objection No Objection

MUST BE RECEIVED BY OHIO DIVISION OF LIQUOR CONTROL BY: September 16, 2022

city of CINCINNATI

Interdepartmental Correspondence Sheet

Date: August 17, 2022

To: Lieutenant Colonel Teresa A. Theetge, Interim Police Chief

From: Captain Douglas M. Wiesman, Central Business Section Commander

Copies to:

Subject: **RENEWAL, TRANSFER OR ISSUANCE OF LIQUOR LICENSES**

PATROL BUREAU MEMO #: 22-344

DISTRICT INVESTIGATING LIQUOR PERMIT PREMISE: Central Business Section

PERMIT #: 4767407

TYPE OF PERMIT APPLIED FOR: Transfer of Location

PERMIT NAME & ADDRESS:

Name:	Kol Group Inc
Address:	920 Race St

APPLICANTS NAME(S): Aydin Kol

INSPECTION / INVESTIGATION INFORMATION:

Officer:	Sergeant Mark Kelley
Date:	8/17/22
Findings:	No Objection

COMMUNITY COUNCIL NOTIFIED:

Name 1: Allen Bunker	Date: 6/16/2022	Notified by: phone
Phone:	E-mail:	

Name 2:	Date:	Notified by: (select from menu)
Phone:	E-mail:	

DISPOSITION OF THE COMMUNITY COUNCIL:

☒NO OBJECTIONS ☐OBJECTION: Attached Letter with Community Council Letterhead

DISPOSITION OF THE DISTRICT:

☒NO OBJECTIONS ☐OBJECTION: If objection checked, a narrative is required below

REASON FOR OBJECTION:

Transfer of location within same company. No Objection.

DMW

DMW
C164

No Objection
- mg/LTCH
8/23/22.

City of Cincinnati
Council

Melissa Autry, CMC
Clerk of Council

Office of the Clerk

801 Plum Street, Suite 308
Cincinnati, Ohio 45202
Phone (513) 352-3246
Fax (513) 352-2578

July 22, 2022

OHIO DIVISION OF LIQUOR CONTROL
LICENSING SECTION
NEW PERMIT SECTION
6606 TUSSING ROAD
P O BOX 4005
REYNOLDSBURG, OH 43068-9005

Dear Ohio Division of Liquor Control:

The Council of the City of Cincinnati, State of Ohio, **is requesting a 30 day extension** on the below cited liquor permit application:

Application No.: 47674070001
Permit Type: TRFL D1 D2 D3 D3A D6
Name: KOL GROUP INC
DBA TULU NIGHTCLUB AND COCKTAIL BAR
UNIT 101 BAR & UNIT 102 OFFICE
920 RACE ST
CINCINNATI OH 45202

Pursuant to R.C. 4303.26(A), City of Cincinnati City Council, through its Clerk of Council (collectively, hereinafter "the City"), respectfully requests an additional 30 days in which to respond to the Ohio Division of Liquor Control regarding whether the City will request a hearing on the subject liquor permit application. The City makes such time extension request for good cause and not for unnecessary delay. Specifically, the City requires additional time for each of its various departments and the applicable community council to review and investigate the liquor application by performing all necessary inspections and research including, but not limited to, permit applicant interviews, site premises inspections, background investigations, and historical investigations regarding the history of the permit premises and the subject location. Moreover, such extension of time would provide the applicable community council an opportunity to meet, vote, and respond back to the City by the deadline. Therefore, the City requires such time extension in order to perform its due diligence in this matter. The City respectfully requests this time extension in good faith, for good cause, and not for unnecessary delay.

Please fax the confirmation back to us as soon as possible at (513)352-2578.

Thank you for your prompt attention.

Sincerely,

Melissa Autry, CMC
Clerk of Council

NOTICE TO LEGISLATIVE AUTHORITY

OHIO DIVISION OF LIQUOR CONTROL
6606 TUSSING ROAD, P.O. BOX 4005
REYNOLDSBURG, OHIO 43068-9005
(614)644-2360 FAX(614)644-3166

TO

47674070001 PERMIT NUMBER / TRFL TYPE	KOL GROUP INC DBA TULU NIGHTCLUB AND COCKTAIL BAR UNIT 101 BAR & UNIT 102 OFFICE 920 RACE ST CINCINNATI OH 45202
06 01 2022 ISSUE DATE	
07 14 2022 FILING DATE	
D1 D2 D3 D3A D6 PERMIT CLASSES	
31 TAX DISTRICT / 066 / A / F27935 RECEIPT NO.	

FROM 07/18/2022

4767407 PERMIT NUMBER / TYPE	KOL GROUP INC DBA MAD FROG 1ST FL BSMT & PATIO 1-5 E MCMILLAN ST CINCINNATI OHIO 45219
06 01 2022 ISSUE DATE	
07 14 2022 FILING DATE	
D1 D2 D3 D3A D6 PERMIT CLASSES	
31 TAX DISTRICT / 066 / / RECEIPT NO.	

MAILED 07/18/2022 RESPONSES MUST BE POSTMARKED NO LATER THAN. 08/18/2022

IMPORTANT NOTICE

PLEASE COMPLETE AND RETURN THIS FORM TO THE DIVISION OF LIQUOR CONTROL WHETHER OR NOT THERE IS A REQUEST FOR A HEARING.

REFER TO THIS NUMBER IN ALL INQUIRIES A TRFL 4767407-0001
(TRANSACTION # NUMBER)

(MUST MARK ONE OF THE FOLLOWING)

WE REQUEST A HEARING ON THE ADVISABILITY OF ISSUING THE PERMIT AND REQUEST THAT THE HEARING BE HELD ☐ IN OUR COUNTY SEAT. ☐ IN COLUMBUS.

WE DO NOT REQUEST A HEARING. ☐
DID YOU MARK A BOX? IF NOT, THIS WILL BE CONSIDERED A LATE RESPONSE.

PLEASE SIGN BELOW AND MARK THE APPROPRIATE BOX INDICATING YOUR TITLE:

(Signature) (Title)- ☐ Clerk of County Commissioner (Date)
☐ Clerk of City Council
☐ Township Fiscal Officer

22JUL'22PM10:40

CLERK OF COUNCIL

CINCINNATI CLERK OF COUNCIL
CITY HALL
801 PLUM ST ROOM 308
CINCINNATI OHIO 45202

DLC 4092 REV. 03/09

City of Cincinnati
Council

Melissa Autry, CMC
Clerk of Council

Office of the Clerk

801 Plum Street, Suite 308
Cincinnati, Ohio 45202
Phone (513) 352-3246
Fax (513) 352-2578

For City Bulletin

Liquor Permit Application

From the Department of Liquor Control advising of permit application for the following:

Application No.: 47674070001
Permit Type: TRFL D1 D2 D3 D3A D6
Name: KOL GROUP INC
DBA TULU NIGHTCLUB AND COCKTAIL BAR
UNIT 101 BAR & UNIT 102 OFFICE
920 RACE ST
CINCINNATI OH 45202

Pursuant to Section 4303.261 of the Ohio Revised Code, Council must notify the Department of Liquor Control within thirty days if there is an objection to the above permit.

Notice of Application was received by the Clerk of Council's Office

07/22/2022

MELISSA AUTRY, CMC Clerk of Council

The last day for the State to receive an objection is

08/18/2022

city of CINCINNATI

Interdepartmental Correspondence Sheet

Date: September 14, 2022

To: Mayor and Members of City Council

202201763

From: Sheryl M. M. Long, City Manager

Subject: **Liquor License – Transfer of Location**

FINAL RECOMMENDATION REPORT

OBJECTIONS: None

This is a report on a communication from the State of Ohio, Division of Liquor Control, advising of a permit application for the following:

APPLICATION: 24666450001
PERMIT TYPE: TRFL
CLASS: C1 C2
NAME: EL VALLE VERDE SUPERMARKET LLC
DBA: EL VALLE VERDE
7047 VINE ST
CINCINNATI, OH 45216

As of today's date, the Department of Buildings & Inspections provided no comment with their investigation.

On July 22, 2022, Carthage Civic League was notified of this application and do not object.

Police Department Approval

David M. Laing, Assistant City Prosecutor
Law Department - Recommendation
Objection No Objection

MUST BE RECEIVED BY OHIO DIVISION OF LIQUOR CONTROL BY: September 16, 2022

city of CINCINNATI

Interdepartmental Correspondence Sheet

Date: August 04, 2022

To: Lieutenant Colonel Teresa A. Theetge, Interim Police Chief

From: Police Officer Patrice Brooks, District Four, Neighborhood Liaison Unit

Copies to:

Subject: **RENEWAL, TRANSFER OR ISSUANCE OF LIQUOR LICENSES**

PATROL BUREAU MEMO #: 22-346

DISTRICT INVESTIGATING LIQUOR PERMIT PREMISE: District Four

PERMIT #: 2466645

TYPE OF PERMIT APPLIED FOR: Transfer of Location

PERMIT NAME & ADDRESS:

Name:	El Valle Verde Supermarket LLc
Address:	6717 Vine Street 1st FL Cincinnati Ohio 45216

APPLICANTS NAME(S): Samantha Reeves

INSPECTION / INVESTIGATION INFORMATION:

Officer:	Police Officer Patrice Brooks
Date:	08/03/2022
Findings:	No Findings

COMMUNITY COUNCIL NOTIFIED:

Name 1: Joe Nava	Date: 8/4/2022	Notified by: email
Phone: 513-769-8400	E-mail: jnava@navalawllc.com	

Name 2:	Date:	Notified by: (select from menu)
Phone:	E-mail:	

DISPOSITION OF THE COMMUNITY COUNCIL:

☒NO OBJECTIONS ☐OBJECTION: Attached Letter with Community Council Letterhead

DISPOSITION OF THE DISTRICT:

☒ NO OBJECTIONS ☐ OBJECTION: If objection checked, a narrative is required below

REASON FOR OBJECTION:

On August 3, 2022, Officer Patrice Brooks conducted a liquor inspection at 6717 Vine Street 1st FL, in Carthage. All items were checked and in compliance. District Four has no objections to the transfer of location at this time.

Officer Patrice Brooks made contact via email with Mr.Joe Nava, President of the Carthage Community Council. No objections were noted for the license transfer location.

PAB

8/8/22. Reviewed
No objection,
LT J. [illegible] 3760.

8/9/22
NO OBJECTION
Capt. [illegible] /CIRO
D-4

No Objection
- [illegible] /LTC4
8/10/22.

City of Cincinnati
Council

Melissa Autry, CMC
Clerk of Council

Office of the Clerk

801 Plum Street, Suite 308
Cincinnati, Ohio 45202
Phone (513) 352-3246
Fax (513) 352-2578

July 22, 2022

OHIO DIVISION OF LIQUOR CONTROL
LICENSING SECTION
NEW PERMIT SECTION
6606 TUSSING ROAD
P O BOX 4005
REYNOLDSBURG, OH 43068-9005

Dear Ohio Division of Liquor Control:

The Council of the City of Cincinnati, State of Ohio, **is requesting a 30 day extension** on the below cited liquor permit application:

Application No.:	24666450001
Permit Type:	TRFL C1 C2
Name:	EL VALLE VERDE SUPERMARKET LLC DBA EL VALLE VERDE 7047 VINE ST CINCINNATI OH 45216

Pursuant to R.C. 4303.26(A), City of Cincinnati City Council, through its Clerk of Council (collectively, hereinafter "the City"), respectfully requests an additional 30 days in which to respond to the Ohio Division of Liquor Control regarding whether the City will request a hearing on the subject liquor permit application. The City makes such time extension request for good cause and not for unnecessary delay. Specifically, the City requires additional time for each of its various departments and the applicable community council to review and investigate the liquor application by performing all necessary inspections and research including, but not limited to, permit applicant interviews, site premises inspections, background investigations, and historical investigations regarding the history of the permit premises and the subject location. Moreover, such extension of time would provide the applicable community council an opportunity to meet, vote, and respond back to the City by the deadline. Therefore, the City requires such time extension in order to perform its due diligence in this matter. The City respectfully requests this time extension in good faith, for good cause, and not for unnecessary delay.

Please fax the confirmation back to us as soon as possible at (513)352-2578.

Thank you for your prompt attention.

Sincerely,

Melissa Autry, CMC
Clerk of Council

POLICE NOTIFICATION

OHIO DIVISION OF LIQUOR CONTROL
6606 TUSSING ROAD
P.O. BOX 4005
REYNOLDSBURG, OHIO 43068-9005

TO

24666450001 PERMIT NUMBER	TRFL TYPE	EL VALLE VERDE SUPERMARKET LLC DBA EL VALLE VERDE 7047 VINE ST CINCINNATI OH 45216
06 01 2020 ISSUE DATE		
07 13 2022 FILING DATE		
C1 C2 PERMIT CLASSES		
31 066 A F27923 TAX DISTRICT RECEIPT NO.		

FROM 07/15/2022

2466645 PERMIT NUMBER	TYPE	EL VALLE VERDE SUPERMARKET LLC DBA EL VALLE VERDE 1ST FL ONLY 6717 VINE ST CINCINNATI OHIO 45216
06 01 2020 ISSUE DATE		
07 13 2022 FILING DATE		
C1 C2 PERMIT CLASSES		
31 066 TAX DISTRICT RECEIPT NO.		

This notice is sent to you in compliance with Section 4303.26 of the Ohio Revised Code and will serve as official notification of the filing of a permit application.

Depending on the applicant's business entity, enclosed please find a copy of the pending applicant's ownership disclosure form 4029 (Non Profit Entity Disclosure), Form 4030 (Stockholder Disclosure), Form 4031 (Partnership Disclosure), or Form 4032 (Limited Liability Company Disclosure) which lists those individuals who will have an interest in the above captioned permit.

In some instances, the Division will require a background check to be completed by your agency. If enclosed, please complete the Personal History Police Check(s), and return it/them in the enclosed postage paid envelope. If needed, we will submit the forms once received from the applicant at a later date for completion.

The chief police officer of each political subdivision may appear and testify in person or through a representative at any hearing held on the advisability of the issuance or transfer of a permit. However, Section 4303.26 O.R.C. DOES NOT give the police officer the right to request a hearing. If a hearing is desired, the chief police officer should contact the legislative authority (City or Village Council, or Board of County Commissioners, or Board ofTownship Trustees) and have that entity request a hearing.

The police department may submit any information to the Division relevant to the issuance or transfer of the permit, even if a formal hearing is not requested and conducted. This should be done by a separate letter with supporting documentation. The Division appreciates your statements and concerns regarding the pending application.

Licensing Section

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

CINCINNATI POLICE DEPARTMENT
CENTRAL VICE CONTROL SECTION
P O BOX 141257
CINCINNATI OHIO 45250

City of Cincinnati
Council

Melissa Autry, CMC
Clerk of Council

Office of the Clerk

801 Plum Street, Suite 308
Cincinnati, Ohio 45202
Phone (513) 352-3246
Fax (513) 352-2578

For City Bulletin

Liquor Permit Application

From the Department of Liquor Control advising of permit application for the following:

Application No.:	24666450001
Permit Type:	TRFL C1 C2
Name:	EL VALLE VERDE SUPERMARKET LLC DBA EL VALLE VERDE 7047 VINE ST CINCINNATI OH 45216

Pursuant to Section 4303.261 of the Ohio Revised Code, Council must notify the Department of Liquor Control within thirty days if there is an objection to the above permit.

Notice of Application was received by the Clerk of Council's Office

07/22/2022

MELISSA AUTRY, CMC Clerk of Council

The last day for the State to receive an objection is

08/15/2022

city of CINCINNATI
Interdepartment Correspondence Sheet

September 14, 2022

To: Mayor and Members of City Council 202201767

From: Sheryl M.M. Long, City Manager

Subject: Ordinance Water Main Easement Colonial Ridge Court

Attached is an Ordinance captioned:

ACCEPTING AND CONFIRMING the grant of a public utility easement in favor of the City of Cincinnati for water mains and related fixtures, equipment, and appurtenances through certain real property being a private street known as Colonial Ridge Court located on and across Lot 3 of Plat of Partition of the Estate of John Agnew (Deceased), in Pleasant Ridge in accordance with the plat entitled Permanent Easement Plat for Water Main and Appurtenances along Colonial Ridge Court, as recorded in Plat Book 493, Page 15, Hamilton County, Ohio Recorder's Office.

The Greater Cincinnati Water Works recently replaced the existing water main in Colonial Ridge Court, a private street in the California neighborhood of Cincinnati within the property owned by Fath Colonial Ridge, LLC. The Owner has granted a water main easement over the property shown in the attached plat. This ordinance is to accept the owner's grant of an easement to the City for the public water main.

The Administration recommends passage of this Ordinance.

cc: Verna Arnette, GCWW, Interim Executive Director VDA

City of Cincinnati

CHM

EESW

An Ordinance No. _____ - 2022

ACCEPTING AND CONFIRMING the grant of a public utility easement in favor of the City of Cincinnati for water mains and related fixtures, equipment, and appurtenances through certain real property being a private street known as Colonial Ridge Court located on and across Lot 3 of the Plat of Partition of the Estate of John Agnew (Deceased), in Pleasant Ridge in accordance with the plat entitled *Permanent Easement Plat for Water Main and Appurtenances along Colonial Ridge Court*, as recorded in Plat Book 493, Page 15, Hamilton County, Ohio Recorder's Office.

WHEREAS, Fath Colonial Ridge, LLC, an Ohio limited liability company, has granted a public utility easement in favor of the City of Cincinnati for water mains and related fixtures, equipment, and appurtenances through certain real property located in the Pleasant Ridge neighborhood, as more particularly depicted and described on the plat entitled *Permanent Easement Plat for Water Main and Appurtenances along Colonial Ridge Court*, as recorded in Plat Book 493, Page 15, Hamilton County, Ohio Recorder's Office; and

WHEREAS, the aforementioned plat has been examined and approved as to its technical features by the Greater Cincinnati Water Works Chief Engineer, who has found it to be correct; and

WHEREAS, based on the foregoing, the City Manager, upon consultation with the Greater Cincinnati Water Works, recommends that Council accept and confirm the acceptance of the aforementioned public utility easement; now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That the easement granted by Fath Colonial Ridge, LLC, an Ohio limited liability company, to the City of Cincinnati for the construction, installation, reconstruction, operation, maintenance, repair, replacement, modification, and removal of water mains and related fixtures, equipment, and appurtenances through certain real property being a private street known as Colonial Ridge Court, located on and across Lot 3 of the Plat of Partition of the Estate of John Agnew (Deceased) in Pleasant Ridge, as more particularly depicted and described on the plat entitled *Permanent Easement Plat for Water Main and Appurtenances along Colonial Ridge Court*, as recorded in Plat Book 493, Page 15, Hamilton County, Ohio Recorder's Office and

incorporated herein by reference, is hereby accepted and confirmed. The real property encumbered by the easement is more particularly described as follows:

> Situate in Pleasant Ridge, in the City of Cincinnati, Hamilton County, Ohio, in Section 29, Township 4, Fractional Range 2, Miami Purchase and bounded and being more particularly described as follows: BEGINNING at a point in the east line of Montgomery Pike, 651.07 feet north of the northeast corner of Montgomery Pike and Lawndale Avenue, measured along the east side of Montgomery Pike; thence North 54° 12' East 56.29 feet to a point; thence South 63° 09' East 200 feet to a point; thence North 54° 12' East 219.82 feet to a point; thence South 61° 49' East 7.33 feet to an iron bar; thence South 62° 53' East 361.85 feet to an iron pipe; thence South 3° 40' West 502.80 feet to an iron pipe; thence North 67° 32' West 843.30 feet to a point; thence North 50° 30' East 111.56 feet to a point; thence North 54° 12' East 80.44 feet to a point; thence South 67° 32' East 65.35 feet to a point; thence North 26° 51' East 104.54 feet to a point; thence North 63° 09' West 200 feet to the PLACE OF BEGINNING.

Section 2. That the City Solicitor shall cause an authenticated copy of this ordinance to be recorded in the Hamilton County, Ohio Recorder's Office.

Section 3. That the proper City officers and officials are authorized to take all necessary and proper actions to carry out the provisions of this ordinance.

Section 4. That this ordinance shall take effect and be in force from and after the earliest period allowed by law.

Passed: _____, 2022

_____
Aftab Pureval, Mayor

Attest: _____
Clerk

city of CINCINNATI
Interdepartment Correspondence Sheet

September 14, 2022

To: Mayor and Members of City Council

202201768

From: Sheryl M.M. Long, City Manager

Subject: Ordinance Water Main Easement Graphite Oakley, LLC

Attached is an Ordinance captioned:

ACCEPTING AND CONFIRMING the grant of a public utility easement in favor of the City of Cincinnati for water mains and related fixtures, equipment, and appurtenances through certain real property being part of Lot 6 of the Cast Fab Subdivision in Oakley in accordance with the plat entitled Easement Plat for Greater Cincinnati Water Works Water Main Graphite Oakley, LLC CIN 315-WW003815\MF16668 E-1083, as recorded in Plat Book 487, Page 32, Hamilton County, Ohio Recorder's Office.

Graphite Oakley, LLC, the owner of certain real property in the Oakley neighborhood, has constructed a water main to facilitate Greater Cincinnati Water Works public water service to support development at the property. This ordinance is to accept the owner's grant of an easement to the City for the public water main.

The Administration recommends passage of this Ordinance.

cc: Verna Arnette, GCWW, Interim Executive Director VJA

City of Cincinnati

CHM

EESW

An Ordinance No. _____ - 2022

ACCEPTING AND CONFIRMING the grant of a public utility easement in favor of the City of Cincinnati for water mains and related fixtures, equipment, and appurtenances through certain real property being part of Lot 6 of the Cast Fab Subdivision in Oakley in accordance with the plat entitled *Easement Plat for Greater Cincinnati Water Works Water Main Graphite Oakley, LLC CIN 315 – WW003815\MF16668 E-1083*, as recorded in Plat Book 487, Page 32, Hamilton County, Ohio Recorder's Office.

WHEREAS, Graphite Oakley, LLC, an Ohio limited liability company, has granted a public utility easement in favor of the City of Cincinnati for water mains and related fixtures, equipment, and appurtenances through certain real property located in the Oakley neighborhood, as more particularly depicted and described on the plat entitled *Easement Plat for Greater Cincinnati Water Works Water Main Graphite Oakley, LLC CIN 315 – WW003815\MF16668 E-1083*, as recorded in Plat Book 487, Page 32, Hamilton County, Ohio Recorder's Office; and

WHEREAS, the aforementioned plat has been examined and approved as to its technical features by the Greater Cincinnati Water Works Chief Engineer, who has found it to be correct; and

WHEREAS, based on the foregoing, the City Manager, upon consultation with the Greater Cincinnati Water Works, recommends that Council accept and confirm the acceptance of the aforementioned public utility easement; now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That the easement granted by Graphite Oakley, LLC, an Ohio limited liability company, to the City of Cincinnati for the construction, installation, reconstruction, operation, maintenance, repair, replacement, modification, and removal of water mains and related fixtures, equipment, and appurtenances through certain real property being part of Lot 6 of the Cast Fab Subdivision in Oakley, as more particularly depicted and described on the plat entitled *Easement Plat for Greater Cincinnati Water Works Water Main Graphite Oakley, LLC CIN 315 – WW003815\MF16668 E-1083*, as recorded in Plat Book 487, Page 32, Hamilton County, Ohio

Recorder's Office and incorporated herein by reference, is hereby accepted and confirmed. The real property encumbered by the easement is more particularly described as follows:

> Situated in Section 28, Town 4, Fractional Range 2, Miami Purchase, Columbia Township, City of Cincinnati, Hamilton County, Ohio and being part of the same property conveyed to Local Oakley LLC by deed recorded in Official Record 13820, page 1995 and all of the same property conveyed to Local Oakley LLC by deed recorded in Official Record 14032, page 2815 in the office of the Hamilton County Recorder's Office in Cincinnati, Ohio and is more particularly described as follows: - Unless otherwise stated, any monument referred to herein as a set iron pin is a 5/8 inch diameter rebar, thirty inches in length with a plastic cap stamped "HARTIG PS 8765". All bearings referred to herein are based upon the Ohio State Plane Coordinate System, South Zone, NAD83 (2011). COMMENCING, at the most northeasterly corner of Lot 1, Cast Fab Subdivision (Plat Book 473, page 49) in a common line with Milacron, LLC (Official Record 11259, page 1042) and being in the westerly right-of-way line of previously dedicated Disney Street (Plat Book 473, page 49), 30.00 feet as measured perpendicular to the centerline; THENCE, with the common line of Local Oakley LLC and Milacron, LLC N55°11'32"W 6.65 feet to an existing 5/8" iron pin (PS 8765) in the westerly right-of-way line of Disney Street, 36.63 feet as measured perpendicular to the centerline, being the POINT OF BEGINNING; THENCE, with said westerly right-of-way line and with a curve to the left having a radius of 538.13 feet, a delta angle of 33°19'29", an arc length of 312.99 feet and a chord bearing and distance of S22°25'39"W 308.60 feet to an existing MAG nail and washer (PS 8765); THENCE, S05°45'54"W 76.01 feet to an existing MAG nail and washer (PS 8765); THENCE, with a curve to the right having a radius of 18.00 feet, a delta angle of 90°09'43", an arc length of 28.33 feet and a chord bearing and distance of S50°50'46"W 25.49 feet to an existing MAG nail and washer (PS 8765) in the northerly right-of-way line of Local Oakley Drive, 30.00 feet as measured perpendicular to the centerline; THENCE, N84°04'23"W 44.34 feet to an existing 5/8" iron pin (PS 8765); THENCE, with a curve to the right having a radius of 270.00 feet, a delta angle of 15°46'16", an arc length of 74.32 feet and a chord bearing and distance of N76°11'15"W 74.08 feet to an existing 5/8" iron pin (PS 8765); THENCE, N68°18'08"W 778.70 feet to an existing 5/8" iron pin (PS 8765); THENCE, with a curve to the right having a radius of 18.00 feet, a delta angle of 53°07'48", an arc length of 16.69 feet and a chord bearing and distance of N41°44'14"W 16.10 feet to an existing iron pin (PS 8765); THENCE, with a reverse curve to the left having a radius of 62.00 feet, a delta angle of 14°33'33", an arc length of 15.75 feet and a chord bearing and distance of N22°27'06"W 15.71 feet to an existing 5/8" iron pin (PS 8765); THENCE, with a reverse curve to the right having a radius of 23.00 feet, a delta angle of 51°25'32", an arc length of 20.64 feet and a chord bearing and distance of N04°01'07"W 19.96 feet to an existing 5/8" iron pin (PS 8765); THENCE, N21°41'39"E 15.92 feet to an existing 5/8" iron pin (PS 8765) in

the common line of Local Oakley LLC and Milacron, LLC; THENCE, with the common line of Local Oakley LLC and Milacron, LLC S84°08'04"E 66.51 feet to an existing 5/8" iron pin (PS 8656); THENCE, N06°22'53"E 207.07 feet to an existing 5/8" iron pin (PS 8656); THENCE, N57°50'53"E 62.64 feet to an existing 5/8" iron pin (disturbed); THENCE, S83°37'07"E, passing an existing 5/8" iron pin at 56.15 feet, a total distance of 61.15 feet to a point; THENCE, S05°38'31"W 22.27 feet to an existing 5/8" iron pin (PS 8765); THENCE, S87°05'09"E 67.60 feet to an existing 5/8" iron pin (PS 8656); THENCE, S84°19'07"E 302.37 feet to an existing chainlink fence post; THENCE, S05°40'53"W 36.00 feet to an existing 5/8" iron pin (PS 8656); THENCE, S84°19'07"E 288.92 feet to a point, an existing 5/8" iron pin bears N37°18'32"W 0.58 feet; THENCE, S55°11'32"E 175.16 feet to the POINT OF BEGINNING CONTAINING 8.0511 ACRES and being subject to all right-of-ways and easements of record.

Section 2. That the City Solicitor shall cause an authenticated copy of this ordinance to be recorded in the Hamilton County, Ohio Recorder's Office.

Section 3. That the proper City officers and officials are authorized to take all necessary and proper actions to carry out the provisions of this ordinance.

Section 4. That this ordinance shall take effect and be in force from and after the earliest period allowed by law.

Passed: _____, 2022

_____
Aftab Pureval, Mayor

Attest: _____
Clerk

city of CINCINNATI
Interdepartment Correspondence Sheet

September 14, 2022

To: Mayor and Members of City Council 202201769

From: Sheryl M. M. Long, City Manager

Subject: **Ordinance – DOTE: Highway Safety Improvement Program (HSIP) Grant Application for Harrison Avenue Safety Improvements**

Attached is an Ordinance captioned:

> **AUTHORIZING** the City Manager to apply for a grant in the amount of up to $5,000,000 from the Highway Safety Improvement Program Formal Safety Application process, administered by the Ohio Department of Transportation, for the purpose of providing financial assistance for the Harrison Avenue Safety Improvement Project to right-size Harrison Avenue from Queen City Avenue to Kling Avenue by reducing vehicle lanes to three and implementing other various safety improvements along the corridor.

This Ordinance authorizes the City Manager to apply for a grant of up to $5,000,000 of financial assistance for the Harrison Avenue Safety Improvement Project to right-size Harrison Avenue from Queen City Avenue to Kling Avenue. The project would reduce vehicle lanes to three and implement other various safety improvements along this corridor. The grant is awarded through the Highway Safety Improvement Program Formal Safety Application process, administered by the Ohio Department of Transportation (ODOT).

If awarded, the grant would require a local match in the amount of up to 20 percent, which may be provided by a combination of future General Capital budget allocations to the Department of Transportation and Engineering (DOTE), Transit Infrastructure Grant (TIG) resources, and Ohio Public Works Commission (OPWC) grant resources. The grant application deadline was August 31, 2022, and DOTE has already applied for this grant to meet the deadline. However, grant resources will not be accepted without authorization from the City Council. No new FTEs are required.

The Harrison Avenue Safety Project is in accordance with the "Connect" goal to "[d]evelop an efficient multi-modal transportation system that supports neighborhood livability" as well as the strategy to "[p]lan, design, and implement a safe and sustainable transportation system," as described on pages 127-138 of Plan Cincinnati (2012).

The Administration recommends passage of this Ordinance.

cc: Andrew M. Dudas, Budget Director
Karen Alder, Finance Director

Attachment

AUTHORIZING the City Manager to apply for a grant in the amount of up to $5,000,000 from the Highway Safety Improvement Program Formal Safety Application process, administered by the Ohio Department of Transportation, for the purpose of providing financial assistance for the Harrison Avenue Safety Improvement Project to right-size Harrison Avenue from Queen City Avenue to Kling Avenue by reducing vehicle lanes to three and implementing other various safety improvements along the corridor.

WHEREAS, the Department of Transportation and Engineering ("DOTE") has an opportunity to apply for grant funding in the amount of up to $5,000,000 from the Highway Safety Improvement Program Formal Safety Application process, administered by the Ohio Department of Transportation, for the purpose of providing financial assistance for the Harrison Avenue Safety Improvement Project to right-size Harrison Avenue from Queen City Avenue to Kling Avenue by reducing vehicle lanes to three and implementing other various safety improvements along the corridor; and

WHEREAS, the grant application deadline was August 31, 2022, and DOTE has already applied for this grant, but grant resources will not be accepted without authorization from Council; and

WHEREAS, if awarded, acceptance of the grant requires a local match in the amount of up to 20 percent, which may be provided by a combination of future General Capital budget allocations to the Department of Transportation and Engineering, Transit Infrastructure Grant resources, and Ohio Public Works Commission grant resources; and

WHEREAS, there are no additional FTEs associated with this grant; and

WHEREAS, the Harrison Avenue Safety Project is in accordance with the "Connect" goal to "[d]evelop an efficient multi-modal transportation system that supports neighborhood livability," as well as the strategy to "[p]lan, design, and implement a safe and sustainable transportation system," as described on pages 127-138 of *Plan Cincinnati* (2012); now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That the City Manager is hereby authorized to apply for a grant in the amount of up to $5,000,000 from the Highway Safety Improvement Program Formal Safety Application grant, administered by the Ohio Department of Transportation, for the purpose of providing

financial assistance for the Harrison Avenue Safety Improvement Project to right-size Harrison Avenue from Queen City Avenue to Kling Avenue by reducing vehicle lanes to three and implementing other various safety improvements along the corridor.

Section 2. That the appropriate City officials are hereby authorized to do all things necessary to comply with Section 1 herein.

Section 3. That this ordinance shall take effect and be in force from and after the earliest period allowed by law.

Passed: _____, 2022

_____
Aftab Pureval, Mayor

Attest: _____
Clerk

city of CINCINNATI
Interdepartment Correspondence Sheet

September 14, 2022

To: Mayor and Members of City Council 202201770

From: Sheryl M. M. Long, City Manager

Subject: **Emergency Ordinance – Police: Acceptance of Monetary Donation from the Cincinnati Blue Line Foundation**

Attached is an Emergency Ordinance captioned:

> **AUTHORIZING** the City Manager to accept a monetary donation of up to $62,500 from the Cincinnati Blue Line Foundation for the purpose of meeting the City's local match requirement under the FY 2022 Port Security Grant Program for the Cincinnati Police Department's (CPD) Patrol Boat Program; and AUTHORIZING the Finance Director to deposit the donated funds into Public Safety Special Projects Fund revenue account no. 456x8571.

Approval of this Emergency Ordinance would authorize the City Manager to accept a monetary donation of up to $62,500 from the Cincinnati Blue Line Foundation for the purpose of meeting the City's local match requirement under the FY 2022 Port Security Grant Program for the Cincinnati Police Department's (CPD) Patrol Boat Program. This Emergency Ordinance would further authorize the Finance Director to deposit the donated funds into Public Safety Special Projects Fund revenue account no. 456x8571.

Ordinance No. 0211-2022 authorized the City Manager to apply for, accept, and appropriate a grant from the United States Department of Homeland Security (DHS), Federal Emergency Management Agency (FEMA), Fiscal Year 2022 Port Security Grant Program (ALN 97.056) for the purpose of funding various projects in the Cincinnati Police Department and the Cincinnati Fire Department, including the Patrol Boat Program. The City was awarded a grant in the amount of $319,510 to fund these various projects, including the CPD Patrol Boat Program.

The grant requires a local match of up to $87,500. In accordance with Ordinance No. 0211-2022, $25,000 will be provided from the City's unappropriated surplus of Federal Asset Forfeiture Fund 367. The Cincinnati Blue Line Foundation has offered to donate funds for the remainder of the City's local match requirement.

This donation does not require additional FTEs.

Accepting this donation is in accordance with the "Live" goal to "create a more livable community" as described on page 156 of Plan Cincinnati (2012).

The reason for the emergency is to ensure that CPD has the matching funds available in time to accept the FY 2022 Port Security Grant, which must be accepted within 60 days from the award date.

The Administration recommends passage of this Emergency Ordinance.

cc: Andrew M. Dudas, Budget Director
Karen Alder, Finance Director

Attachment

EMERGENCY

IMD

- 2022

AUTHORIZING the City Manager to accept a monetary donation of up to $62,500 from the Cincinnati Blue Line Foundation for the purpose of meeting the City's local match requirement under the FY 2022 Port Security Grant Program for the Cincinnati Police Department's Patrol Boat Program; and AUTHORIZING the Finance Director to deposit the donated funds into Public Safety Special Projects Fund revenue account no. 456x8571.

WHEREAS, Ordinance No. 0211-2022 authorized the City Manager to apply for, accept, and appropriate a grant ("the Grant") from the United States Department of Homeland Security, Federal Emergency Management Agency FY 2022 Port Security Grant Program (ALN 97.056) for the purpose of funding the Cincinnati Police Department's ("CPD") Patrol Boat Program, as well as various other projects for CPD and the Cincinnati Fire Department; and

WHEREAS, the City was awarded the Grant in the amount of $319,510 to fund these various projects, including the CPD Patrol Boat Program; and

WHEREAS, the Grant requires the City to provide a local match of up to $87,500 (the "Local Match") for the CPD Patrol Boat Program; and

WHEREAS, in accordance with Ordinance No. 0211-2022, $25,000 of the Local Match will be provided from the City's unappropriated surplus of Federal Asset Forfeiture Fund 367; and

WHEREAS, the Cincinnati Blue Line Foundation has offered to donate the remaining $62,500 towards the City's Local Match (the "Donation"); and

WHEREAS, there are no FTEs associated with this donation; and

WHEREAS, accepting the Donation is in accordance with the "Live" goal to "[c]reate a more livable community" as described on pages 156-163 of *Plan Cincinnati*; now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That the City Manager is hereby authorized to accept a monetary donation of up to $62,500 from the Cincinnati Blue Line Foundation for the purpose of meeting the City's local match requirement under the FY 2022 Port Security Grant Program for the Cincinnati Police Department's ("CPD") Patrol Boat Program.

Section 2. That the Finance Director is hereby authorized to deposit the donated funds into Public Safety Special Projects Fund revenue account no. 456x8571.

Section 3. That the proper City officials are authorized to do all things necessary and proper to carry out the terms of Sections 1 and 2 hereof.

Section 4. That this ordinance shall be an emergency measure necessary for the preservation of the public peace, health, safety, and general welfare and shall, subject to the terms of Article II, Section 6 of the Charter, be effective immediately. The reason for the emergency is to ensure that CPD has the matching funds available in time to accept the FY 2022 Port Security Grant, which must be accepted within 60 days from the award date.

Passed: _____, 2022

_____
Aftab Pureval, Mayor

Attest: _____
Clerk

city of CINCINNATI
Interdepartment Correspondence Sheet

September 14, 2022

To: Mayor and Members of City Council

From: Sheryl M. M. Long, City Manager 202201771

Subject: **Ordinance – OES: HUD Climate Communities Technical Assistance Program Grant**

Attached is an Ordinance captioned:

> **AUTHORIZING** the City Manager to apply for and accept a Climate Communities Technical Assistance Program Grant from the U.S. Department of Housing and Urban Development ("HUD") for the purpose of providing technical assistance for entitlement communities as part of HUD's Climate Action Plan Climate Communities Initiative.

This Ordinance authorizes the City Manager to apply for and accept a Climate Communities Technical Assistance Program Grant from the U.S. Department of Housing and Urban Development ("HUD") to provide technical assistance for entitlement communities as part of HUD's Climate Action Plan Climate Communities Initiative.

The Climate Communities Technical Assistance Program grant is non-monetary. This grant program will support entitlement communities in advancing climate resilience and environmental justice long-term. HUD will provide technical assistance through support, training, and on-demand resources and will also facilitate Climate Resilience Cohorts that will enable selected communities to learn from peers as well as HUD technical assistance providers. No additional FTEs or matching funds are required for this grant.

The Office of Environment and Sustainability ("OES") applied for this grant by the August 5, 2022 application deadline. However, the grant will not be accepted without City Council authorization.

This grant is in accordance with the "Sustain" goal to "[b]ecome a healthier Cincinnati," and strategy to "[c]reate a healthy environment and reduce energy consumption," as described on pages 181-186 of Plan Cincinnati (2012).

The Administration recommends passage of this Ordinance.

cc: Andrew M. Dudas, Budget Director
Karen Alder, Finance Director

Attachment

AUTHORIZING the City Manager to apply for and accept a Climate Communities Technical Assistance Program Grant from the U.S. Department of Housing and Urban Development ("HUD") for the purpose of providing technical assistance for entitlement communities as part of HUD's Climate Action Plan Climate Communities Initiative.

WHEREAS, a nonmonetary grant for technical assistance is available from the U.S. Department of Housing and Urban Development ("HUD") for the purpose of providing technical assistance for entitlement communities as part of HUD's Climate Action Plan Climate Communities Initiative; and

WHEREAS, the Climate Communities Technical Assistance Program will support entitlement communities in advancing climate resilience and environmental justice long-term; and

WHEREAS, through this grant program, HUD will provide technical assistance through support, training, and on-demand resources and will also facilitate Climate Resilience Cohorts, enabling selected communities to learn from peers as well as HUD technical assistance providers; and

WHEREAS, no additional FTEs or local matching funds are required to accept this grant; and

WHEREAS, the grant application deadline was August 5, 2022, and the Office of Environment and Sustainability already applied for this technical assistance grant, but the grant will not be accepted unless authorized by Council; and

WHEREAS, the grant is in accordance with the "Sustain" goal to "[b]ecome a healthier Cincinnati," and strategy to "[c]reate a healthy environment and reduce energy consumption," as described on pages 181-186 of *Plan Cincinnati* (2012); now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That the City Manager is hereby authorized to apply for and accept a Climate Communities Technical Assistance Program Grant from the U.S. Department of Housing and Urban Development ("HUD") for the purpose of providing technical assistance for entitlement communities as part of HUD's Climate Action Plan Climate Communities Initiative.

Section 2. That the proper City officials are hereby authorized to do all things necessary and proper to comply with the terms of Section 1 hereof.

Section 3. That this ordinance shall take effect and be in force from and after the earliest period allowed by law.

Passed: _____, 2022

_____
Aftab Pureval, Mayor

Attest: _____
Clerk

city of CINCINNATI
Interdepartment Correspondence Sheet

September 14, 2022

To: Mayor and Members of City Council 202201772

From: Sheryl M. M. Long, City Manager

Subject: **Ordinance – Cincinnati Recreation Commission: Acceptance of Monetary Donations for Miracle League Baseball Program**

Attached is an Ordinance captioned:

> **AUTHORIZING** the City Manager to accept and appropriate a donation in the amount of $5,000 from the Cincinnati Recreation Foundation to the Cincinnati Recreation Commission ("CRC") for the purpose of providing resources for CRC's Miracle League Baseball Program; AUTHORIZING the City Manager to accept and appropriate a donation in the amount of $800 from Elder High School to the Cincinnati Recreation Commission for the purpose of providing resources to support sponsorship fees for a Miracle League Baseball team; and AUTHORIZING the Finance Director to deposit $5,800 in donated resources into Contributions for Recreation Purposes Fund 319 revenue account no. 319x8571.

Approval of this Ordinance will authorize the City Manager to accept a donation in the amount of $5,000 from the Cincinnati Recreation Foundation to the Cincinnati Recreation Commission (CRC) for the purpose of providing resources for CRC's Miracle League Baseball Program. This Ordinance further authorizes the City Manager to accept and appropriate a donation in the amount of $800 from Elder High School to the Cincinnati Recreation Commission for the purpose of providing resources to support sponsorship fees for a Miracle League Baseball team. Finally, this Ordinance authorizes the Finance Director to deposit $5,800 in donated resources into Contributions for Recreation Purposes Fund 319 revenue account no. 319x8571.

The Miracle League Baseball Program offers athletic opportunities for a vulnerable population of individuals with disabilities who have an increased risk of sedentary lifestyles and comorbidity of health-related concerns.

The Cincinnati Recreation Foundation, through a donation from the Rena Schroeder Trust, has generously offered to donate $5,000 to the Cincinnati Recreation Commission for the purpose of providing funding to update signage and purchase new flags for the upcoming 2022-2023 Miracle League Baseball season. Elder High School has generously offered to donate $800 to the Cincinnati Recreation Commission for the purpose of providing resources to support sponsorship fees for a Miracle League Baseball team

There are no new FTEs or matching funds associated with the donations.

These donations are in accordance with the "Collaborate" goal to "[w]ork in synergy with the Cincinnati community" and the strategy to "[u]nite our communities," as described on pages 207-212 of Plan Cincinnati (2012).

The Administration recommends passage of this Ordinance.

cc: Andrew M. Dudas, Budget Director
Karen Alder, Finance Director

Attachment

AUTHORIZING the City Manager to accept and appropriate a donation in the amount of $5,000 from the Cincinnati Recreation Foundation to the Cincinnati Recreation Commission ("CRC") for the purpose of providing resources for CRC's Miracle League Baseball Program; AUTHORIZING the City Manager to accept and appropriate a donation in the amount of $800 from Elder High School to the Cincinnati Recreation Commission for the purpose of providing resources to support sponsorship fees for a Miracle League Baseball team; and AUTHORIZING the Finance Director to deposit $5,800 in donated resources into Contributions for Recreation Purposes Fund 319 revenue account no. 319x8571.

WHEREAS, the Miracle League Baseball Program, which is administered by the Cincinnati Recreation Commission's Division of Therapeutic Recreation, offers athletic opportunities for a vulnerable population of individuals with disabilities who have an increased risk of sedentary lifestyles and comorbidity of health-related concerns; and

WHEREAS, the Cincinnati Recreation Foundation, through a donation from the Rena Schroeder Trust, has generously offered to donate $5,000 to the Cincinnati Recreation Commission for the purpose of providing funding to update signage and purchase new flags for the upcoming 2022-2023 Miracle League Baseball season; and

WHEREAS, Elder High School has generously offered to donate $800 to the Cincinnati Recreation Commission for the purpose of providing resources to support sponsorship fees for a Miracle League Baseball team; and

WHEREAS, acceptance of the donations requires no matching funds, and there are no FTEs associated with the donations; and

WHEREAS, these donations are in accordance with the "Collaborate" goal to "[w]ork in synergy with the Cincinnati community" and the strategy to "[u]nite our communities" as described on pages 207-212 of *Plan Cincinnati* (2012); now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That the City Manager is hereby authorized to accept and appropriate a donation in the amount of $5,000 from the Cincinnati Recreation Foundation to the Cincinnati Recreation Commission ("CRC") for the purpose of providing resources for CRC's Miracle League Baseball Program.

Section 2. That the City Manager is hereby authorized to accept and appropriate a donation in the amount of $800 from Elder High School to CRC for the purpose of providing resources to support sponsorship fees for a Miracle League Baseball team.

Section 3. That the Director of Finance is hereby authorized to deposit the donated resources into Contributions for Recreation Purposes Fund 319 revenue account no. 319x8571.

Section 4. That the proper City officials are authorized to do all things necessary and proper to carry out the terms of the donation and Sections 1 through 3 hereof.

Section 5. That this ordinance shall take effect and be in force from and after the earliest period allowed by law.

Passed: _____, 2022

_____
Aftab Pureval, Mayor

Attest: _____
Clerk

city of CINCINNATI
Interdepartment Correspondence Sheet

September 14, 2022

To: Mayor and Members of City Council

From: Sheryl M. M. Long, City Manager 202201773

Subject: **Emergency Ordinance – Department of Public Services (DPS): Salt Dome Repairs and Replacements Capital Project**

Attached is an Emergency Ordinance captioned:

> **ESTABLISHING** capital improvement program project account no. 980x255x232543, "Salt Domes Repairs and Replacements," for the purpose of providing resources for the repair and replacement of the Dunbar, Crookshank, and North Central salt domes; and AUTHORIZING the transfer and appropriation of $450,000 from the unappropriated surplus of Income Tax-Infrastructure Fund 302 to the newly established capital improvement program project account no. 980x255x232543, "Salt Domes Repairs and Replacements."

Approval of this Emergency Ordinance will establish new capital improvement program project account no. 980x255x232543, "Salt Domes Repairs and Replacements," for the purpose of providing resources for the repair and replacement of the Dunbar, Crookshank, and North Central salt domes. Approval of this Emergency Ordinance will further authorize the transfer and appropriation of $450,000 from the unappropriated surplus of Income Tax-Infrastructure Fund 302 to the newly established capital improvement program project no. 980x255x232543, "Salt Domes Repairs and Replacements."

Three wooden salt domes managed by the Department of Public Services and located at the Dunbar, Crookshank, and North Central facilities are crumbling and in need of repair and replacement. Due to the ongoing nature of these projects across multiple fiscal years, it is necessary to create a capital improvement program project account.

The repair and replacement of salt domes is in accordance with the "Sustain" goal to "[m]anage our financial resources" as indicated on page 199 of Plan Cincinnati (2012).

The reason for the emergency is the immediate need to access capital funding due to the immediate need to repair and replace critical City facilities.

The Administration recommends passage of this Emergency Ordinance.

cc: Andrew M. Dudas, Budget Director
Karen Alder, Finance Director

Attachment

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- 2022

ESTABLISHING capital improvement program project account no. 980x255x232543, "Salt Domes Repairs and Replacements," for the purpose of providing resources for the repair and replacement of the Dunbar, Crookshank, and North Central salt domes; and AUTHORIZING the transfer and appropriation of $450,000 from the unappropriated surplus of Income Tax-Infrastructure Fund 302 to the newly established capital improvement program project account no. 980x255x232543, "Salt Domes Repairs and Replacements."

WHEREAS, three wooden salt domes managed by the Department of Public Services and located at the Dunbar, Crookshank, and North Central facilities are crumbling and in need of repair and replacement; and

WHEREAS, the ongoing nature of these projects across multiple fiscal years necessitates the creation of a capital project program account; and

WHEREAS, the renovation, repair, and replacement of critical City facilities addresses deferred maintenance and ensures delivery of services without interruption; and

WHEREAS, the repair and replacement of salt domes is in accordance with the "Sustain" goal to "[m]anage our financial resources" as described on page 199 of *Plan Cincinnati* (2012); now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That capital improvement program project account no. 980x255x232543, "Salt Domes Repairs and Replacements," is hereby established for the purpose of providing resources for the repair and replacement of salt domes, including but not limited to the Dunbar, Crookshank, and North Central salt domes.

Section 2. That the transfer and appropriation of $450,000 from the unappropriated surplus of Income Tax-Infrastructure Fund 302 to newly established capital improvement program project account no. 980x255x232543, "Salt Domes Repairs and Replacements," is hereby authorized for the purpose of providing resources for the repair and replacement of the Dunbar, Crookshank, and North Central salt domes.

Section 3. That the proper City officials are hereby authorized to do all things necessary and proper to implement the provisions of Sections 1 and 2 hereof.

Section 4. That this ordinance shall be an emergency measure necessary for the preservation of the public peace, health, safety, and general welfare and shall, subject to the terms of Article II, Section 6 of the Charter, be effective immediately. The reason for the emergency is the immediate need to access capital funding due to the immediate need to repair and replace critical City facilities.

Passed: _____, 2022

_____
Aftab Pureval, Mayor

Attest: _____
Clerk

city of CINCINNATI
Interdepartment Correspondence Sheet

September 14, 2022

To: Mayor and Members of City Council

From: Sheryl M. M. Long, City Manager 202201774

Subject: **Ordinance – GCWW: Reconfigure Water Main from Stier Alley to Central Parkway**

Attached is an Ordinance captioned:

> **AUTHORIZING** the expenditure of funds up to the amount of $20,000 from Water Works non-personnel operating budget account no. 101x306x2000x7289 and up to the amount of $20,000 from Water Works non-personnel operating budget account no. 101x304x4000x7299 for a total combined expenditure of up to $40,000 to reconfigure private plumbing and water service lines to connect certain residents to the water main in Central Parkway so that the Stier Alley water main may be abandoned; and DECLARING such expenditure to serve a public purpose.

This Ordinance authorizes the expenditure of up to $40,000 from various Greater Cincinnati Water Works (GCWW) non-personnel operating budget accounts to provide resources for reconfiguring private plumbing and water service lines to connect certain residents to the water main in Central Parkway in order for the Stier Alley water main to be abandoned.

A dead-end water main located in Stier Alley is nearing the end of its useful life, but replacement of the water main is difficult because the alley is narrow and replacement work could jeopardize the integrity of surrounding retaining walls. GCWW has determined that it would be more cost effective and better for water quality to reconfigure the private plumbing and water service lines so that certain properties currently receiving water service from the Stier Alley water main could instead receive water service from a nearby water main located in Central Parkway. The Stier Alley water main could then be abandoned.

This Ordinance also declares that the expenditure of public funds to reconfigure private plumbing and service lines serves a public purpose because it protects the public health and conserves the City's economic resources.

The Administration recommends passage of this Ordinance.

cc: Verna Arnette, GCWW, Interim Executive Director
Andrew M. Dudas, Budget Director
Karen Alder, Finance Director

Attachment

AUTHORIZING the expenditure of funds up to the amount of $20,000 from Water Works non-personnel operating budget account no. 101x306x2000x7289 and up to the amount of $20,000 from Water Works non-personnel operating budget account no. 101x304x4000x7299 for a total combined expenditure of up to $40,000 to reconfigure private plumbing and water service lines to connect certain residents to the water main in Central Parkway so that the Stier Alley water main may be abandoned; and DECLARING such expenditure to serve a public purpose.

WHEREAS, the Stier Alley water main is a dead-end main that currently supplies water service to certain private properties: 2970 Central Parkway (Auditor ID 099-0002-0013-00) and 2960 Central Parkway (Auditor ID 099-0002-0008-00) ("Properties"); and

WHEREAS, the Stier Alley water main is nearing the end of its useful life, but replacement of the main is difficult because the alley is narrow and replacement work could jeopardize the integrity of surrounding retaining walls; and

WHEREAS, Greater Cincinnati Water Works has determined that instead of replacing the Stier Alley water main, it would be more cost effective to reconfigure the Properties' private plumbing and water service lines to connect to the existing Central Parkway water main and to abandon the Stier Alley water main; and

WHEREAS, the private plumbing and water service line work to connect the Properties to the Central Parkway water main will serve the public purpose of improving water quality to the Properties as compared to the water quality currently provided by dead-end Stier Alley water main, thereby protecting public health; now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That the Greater Cincinnati Water Works is authorized to expend up to $20,000 from Water Works non-personnel operating budget account no. 101x306x2000x7289 and up to $20,000 from Water Works non-personnel operating budget account no. 101x304x4000x7299 for a total combined expenditure of up to $40,000 for the cost of reconfiguring private plumbing and water service lines to connect properties currently served by the Stier Alley water main to receive water from the Central Parkway water main.

Section 2. That the expense of reconfiguring the private plumbing and water service lines is hereby declared to serve a public purpose because switching water service for these properties from the Stier Alley water main to the Central Parkway water main will protect the public health by decreasing potential water quality issues associated with the low-flowing dead-end water main and lead service lines, as well as by conserving the City's economic resources.

Section 3. That the proper City officials are hereby authorized to do all things necessary and proper to carry out the provisions of Sections 1 and 2 hereof.

Section 4. That this ordinance shall take effect and be in force from and after the earliest period allowed by law.

Passed: _____, 2022

_____
Aftab Pureval, Mayor

Attest: _____
Clerk

city of CINCINNATI
Interdepartment Correspondence Sheet

September 14, 2022

To: Mayor and Members of Council 202201775

From: Sheryl M.M. Long, City Manager

Subject: Ordinance Modifying Chapter 311 "City of Cincinnati Income Tax"

Transmitted herewith is an ordinance captioned as follows:

> **MODIFYING** Chapter 311 of the Cincinnati Municipal Code, "City of Cincinnati Income Tax," by ENACTING new Sections 311-9-L2, "Lottery Sports Gaming," 311-9-S7, "Sports Gaming," 311-9-S8, "Sports Gaming Facility," 311-9-T9, "Type B Sports Gaming Proprietor," and by AMENDING Section 311-31, "Collection at Source; Casino and VLT," for the purpose of requiring Type B sports gaming proprietors and lottery sales agents to withhold and remit municipal income tax to satisfy requirements made necessary by the legalization of sports betting in Ohio as of January 1, 2023.

Ohio HB 29, passed by the Ohio Legislature in December 2021, legalized and regulated sports gaming in Ohio starting January 1, 2023. The three types of sports gaming authorized include on-line sports gaming-mobile applications (type A), sports gaming facilities operated within casinos or professional sports arenas (type B), and lottery sports gaming machines located mostly at bars and restaurants (type C). Gambling and sports winnings are currently subject to local tax in accordance with Section 311-9-1(d). This ordinance will require proprietors of sports gaming facilities within the city on or after January 1, 2023, to withhold and remit local income tax on type B winnings if the winnings exceed the federal income tax reporting threshold of $600.

c: William "Billy" Weber, Assistant City Manager
Karen Alder, Finance Director

Attachment

City of Cincinnati

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An Ordinance No. _____ - 2022

MODIFYING Chapter 311 of the Cincinnati Municipal Code, "City of Cincinnati Income Tax," by ENACTING new Sections 311-9-L2, "Lottery Sports Gaming," 311-9-S7, "Sports Gaming," 311-9-S8, "Sports Gaming Facility," 311-9-T9, and "Type B Sports Gaming Proprietor," and by AMENDING Section 311-31, "Collection at Source; Casino and VLT," for the purpose of requiring Type B sports gaming proprietors and lottery sales agents to withhold and remit municipal income tax to satisfy requirements made necessary by the legalization of sports betting in Ohio as of January 1, 2023.

WHEREAS, the Ohio General Assembly amended Ohio Revised Code Section 718.031 so municipalities must require proprietors of sports gaming facilities to withhold local income tax on "Type B" winnings if they exceed the federal income tax reporting threshold of $600; and

WHEREAS, amendments to the Cincinnati Municipal Code are required in order to carry out the purpose of the recently amended Ohio Revised Code Section 718.031; now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That Chapter 311-9 of the Cincinnati Municipal Code is hereby amended by enacting Sections 311-9-L2, "Lottery Sports Gaming," 311-9-S7, "Sports Gaming," 311-9-S8, "Sports Gaming Facility," and 311-9-T9, "Type B Sports Gaming Proprietor," as follows:

Sec. 311-9-L2. – Lottery Sports Gaming.

"Lottery sports gaming" has the same meaning as in Section 3770.23 of the Ohio Revised Code or a successor statute or section.

Sec. 311-9-S7. - Sports Gaming.

"Sports gaming" has the same meaning as in Section 3775.01 of the Ohio Revised Code or a successor statute or section.

Sec. 311-9-S8. - Sports Gaming Facility.

"Sports gaming facility" has the same meaning as in Section 3775.01 of the Ohio Revised Code or a successor statute or section.

Sec. 311-9-T9. – Type B Sports Gaming Proprietor.

"Type B sports gaming proprietor" has the same meaning as in Section 3775.01 of the Ohio Revised Code or a successor statute or section.

Section 2. That Section 311-31 of the Cincinnati Municipal Code is hereby amended as follows:

Sec. 311-31. – Collection at Source; Casino, ~~and~~ VLT, and Sports Gaming Proprietors.

(a) For tax years beginning on or after January 1, 2016, a casino facility or a casino operator, as defined in section 311-9-C3 of this chapter, or a lottery sales agent conducting video lottery ~~terminals~~terminal sales on behalf of the state shall withhold and remit municipal income tax with respect to amounts other than qualifying wages as provided in Section 718.031 of the Ohio Revised Code.

(b) For tax years beginning on or after January 1, 2023, a type B sports gaming proprietor offering sports gaming at a sports gaming facility, or a video lottery terminal sales agent conducting lottery sports gaming offered in a video lottery terminal facility, shall withhold and remit municipal income tax with respect to amounts other than qualifying wages as provided in Section 718.031 of the Ohio Revised Code. "Type B sports gaming proprietor," "sports gaming," "sports gaming facility," "video lottery terminal sales agent," "lottery sports gaming," and "video lottery terminal," are as defined in Section 311-9 of this chapter.

~~(b)~~ (c) Amounts deducted and withheld on behalf of the Municipality shall be allowed as a credit against payment of the tax imposed by the Municipality and shall be treated as taxes paid for purposes of Section 311-33 of this chapter for the person for whom the amount is deducted and withheld.

~~(c)~~ (d) The tax commissioner shall prescribe the forms of the receipts and returns required under this section.

Section 3. That existing Section 311-31, "Collection at Source; Casino and VLT," of the Cincinnati Municipal Code is hereby repealed.

Section 4. That this ordinance shall take effect and be in force from and after the earliest period allowed by law.

Passed: _____, 2022

_____
Aftab Pureval, Mayor

Attest: _____
Clerk

New language underscored. Deleted language indicated by strikethrough.

city of CINCINNATI
Interdepartment Correspondence Sheet

September 14, 2022

To: Mayor and Members of City Council

From: Sheryl M. M. Long, City Manager 202201776

Subject: **Ordinance – Modifying CMC 1601-46, Repealing Duplicate Section for Signage (Blink)**

Attached is an Ordinance captioned:

> **MODIFYING** Title XVI, "Neighborhood Quality of Life Uniform Code," of the Cincinnati Municipal Code by REPEALING Section 1601-46, "Prohibited Sign Types and Locations," as it is a duplicate section of the Cincinnati Municipal Code and to better align the City's Neighborhood Quality of Life Uniform Code with best practices for protecting the health, safety, and welfare of the citizens of Cincinnati.

The Administration recommends passage of this Ordinance.

cc: Virginia Tallent, Assistant City Manager
William Weber, Assistant City Manager

MODIFYING Title XVI, "Neighborhood Quality of Life Uniform Code," of the Cincinnati Municipal Code by REPEALING Section 1601-46, "Prohibited Sign Types and Locations," as it is a duplicate section of the Cincinnati Municipal Code and to better align the City's Neighborhood Quality of Life Uniform Code with best practices for protecting the health, safety, and welfare of the citizens of Cincinnati.

WHEREAS, the City's Neighborhood Quality of Life Uniform Code provides for the protection, safety, and welfare of the citizens of Cincinnati by ensuring property owners and developers operate their properties in a safe and proper manner; and

WHEREAS, Cincinnati Municipal Code Section 1601-46 prohibits certain sign types and locations, which is a duplicate of Cincinnati Municipal Code Section 1427-09; and

WHEREAS, Council wishes to repeal Section 1601-46 of the Cincinnati Municipal Code to make the Cincinnati Municipal Code consistent by removing a duplicate section and provide clarity as to signage enforcement; now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That existing Section 1601-46, "Prohibited Sign Types and Locations," of Title XVI, "Neighborhood Quality of Life Uniform Code," of the Cincinnati Municipal Code is hereby repealed.

Section 2. That the City Manager and the proper City officials are authorized to take all necessary and proper actions to carry out the provisions of this ordinance, including by updating applicable rules and regulations and policies and procedures in accordance with the modifications to the Cincinnati Municipal Code provided for herein.

Section 3. That this ordinance shall take effect and be in force from and after the earliest period allowed by law.

Passed: _____, 2022

_____
Aftab Pureval, Mayor

Attest: _____
Clerk

city of CINCINNATI
Interdepartment Correspondence Sheet

Date: September 14, 2022

202201781

To: Mayor and Members of City Council

From: Sheryl M. M. Long, City Manager

Subject: SOUTH FAIRMONT TRAFFIC CALMING

Reference Document #202201291

The Council at its session on June 8, 2022 referred the following item for review and report.

> MOTION, dated 5/31/2022, submitted by Councilmember Cramerding, WE MOVE that the Administration study and provide a report on traffic calming initiatives along Queen City Avenue, Westwood Avenue, Sunset Avenue, and Rapid Run Pike. This should include short-term measures and long-term measures. It should also include option for conventional two-way traffic on Queen City Avenue and Westwood Avenue.

The following report by the Department of Transportation and Engineering (DOTE) details the short- and long-term traffic calming initiatives on Queen City Avenue, Westwood Avenue, Sunset Avenue and Rapid Run Pike.

BACKGROUND

Queen City Avenue and Westwood Avenue are one-way streets that work in unison as part of the City's roadway network and each roadway moves approximately 23,000 vehicles per day.

Sunset Avenue and Rapid Run Pike connect Queen City Avenue to Glenway Avenue and moves approximately 13,000 vehicles per day.

COMPLETED AND UPCOMING TRAFFIC CALMING INITATIAVES

On Queen City Avenue and Westwood Avenue

DOTE has completed traffic calming improvements over the past year. Improvements include pavement markings to delineate the 24-hr parking lane which provide narrower travel lanes even when vehicles are not parked on the streets; plastic paddle (aka Qwick Kurb) bump-outs to provide vertical elements to help slow traffic; and in locations where curb lanes were greater than 10 feet wide, an edge line was installed to narrow the lanes and slow traffic.

Later this year, the Pedestrian Safety Program will install an extra-long concrete curb extension on Westwood Avenue at Van Hart Street.

For FY23 Pedestrian Safety funding, South Fairmount submitted the following for consideration: "traffic calming for Queen City Ave, and Westwood in the area between Van Hart and Quebec." DOTE expects to receive 90+ requests from community councils citywide for FY23 Ped Safety funding. DOTE will score each request, rank them all, and fund the highest scoring locations first. Requests will be scored on speed data, proximity to schools/parks, % of zero-car households, and # of pedestrian crashes in the last 3 years.

Lastly, DOTE is currently evaluating the removal of the left curb lane peak hour parking restriction on Queen City Avenue and Westwood Avenue between Harrison Avenue and Quebec Avenue.

On Sunset Avenue/Rapid Run Pike

Sunset Avenue/Rapid Run Pike are in West Price Hill. The West Price Hill community council has not yet submitted their FY23 requests, however if they submit Sunset Avenue and/or Rapid Run Pike as their top two priorities then DOTE will collect speed data, score, and rank these streets with all the other community council submissions.

Long term, DOTE is working on the Lick Run to Dunham Trail connection. This project will reduce the number of travel lanes and the lane width on Sunset Avenue between Queen City Avenue and Rapid Run Pike. Additionally, the Sunset/Gilsey/Guerley intersection, which is very large and confusing, will be redesigned with the trail project.

TWO WAY TRAFFIC ON QUEEN CITY AND WESTWOOD

As stated above, the traffic volumes on Queen City Avenue and Westwood Avenue are approximately 23,000 vehicles per day. These volumes are too high to convert the existing Queen City Avenue and Westwood Avenue to two-way traffic (one-lane in each direction with full time parking in the curb lane). The consequences would be near gridlock traffic conditions and the inability to turn left into or out of the side streets.

SUMMARY

DOTE completed many traffic calming improvements on Queen City Avenue and Westwood Avenue over the past 12 months along with additional improvements planned. We will continue to work with the community councils on reviewing their pedestrian safety priorities.

Finally, DOTE does not recommend converting Queen City Avenue and Westwood Avenue to two-way traffic due to the high traffic volumes.

cc: John S. Brazina, Director, Transportation and Engineering

city of CINCINNATI
Interdepartment Correspondence Sheet

September 8, 2022

TO: Mayor and Members of Council

FROM: John P. Curp, Interim City Manager 202201702

SUBJECT: PACE Financing and Government Efficiencies

Reference Document #202200791

The Council at its session on March 23, 2022, referred the following motion for report:

> **MOTION**, submitted by Councilmember Jeffreys, Harris and Owens, **WE MOVE** that, the Administration provide a report back to Council within ninety (90) days with a feasibility analysis of Council pre-authorizing all necessary legislative items that are directly associated with PACE financing as well as a potential framework by which the Administration can evaluate future PACE deals administratively. **WE FURTHER MOVE** that, the Administration also report back to Council with a feasibility analysis of allowing for more than one program administrator to support PACE deals in the city as well as any metrics the City can use to evaluate future program administration. **WE FURTHER MOVE** that, the Administration outline: 1) Cincinnati's and Hamilton County's current fee structures as it relates to PACE, 2) how much revenue the City's fees generate annually, and 3) how Cincinnati's and Hamilton County's fee structures compares to other peer cities and counties.

The purpose of this report is to provide City Council with an update on Property Assessed Clean Energy ("PACE") Financing and government efficiencies. On April 9, 2014, City Council passed Resolution No. 28-2014, which approved the creation of the City of Cincinnati, Ohio Energy Special Improvement District ("ESID"). The creation of the ESID allowed property owners within the City of Cincinnati to utilize PACE financing. Since its creation, a total of 21 projects have used PACE to finance approximately $21 million in energy saving improvements.

LEGISLATIVE EFFICIENCIES

PACE projects must complete a multi-step process before a special assessment is placed on the property. The Cincinnati ESID evaluates each project to ensure that it meets the statutory requirements for PACE and to confirm that all project documentation is in order. Once the ESID approves the project, it is forwarded to City Council.

City Council receives the following pieces of legislation to consider:

1. Resolution declaring the necessity of the assessment project (the "Resolution of Necessity")
2. Ordinance determining to proceed with the assessment project (the "Ordinance Determining to Proceed")
3. Ordinance levying assessments (the "Levying Ordinance")

A truncated process is used by the City for PACE assessments that allows all three pieces of legislation to be considered by City Council at the same Council meeting. This process is enabled by a waiver of due process rights signed by the property owner voluntarily asking to be assessed, which removes the waiting periods normally required for notice and hearings. The legislation must follow the City's traditional process for approving legislation, which generally entails a first reading for referral to committee, and a second reading at which the legislation is approved.

Other cities throughout Ohio have either passed legislation or are considering legislation that delegates authority for approval of PACE projects to administrative staff. The delegated individual or office is responsible for reviewing and approving a property owner's petition to join a city's ESID. Staff review takes the place of the Resolution of Necessity and the Ordinance Determining to Proceed. If the City were to adopt this model, City Council would still be required to pass the Levying Ordinance each year to levy the assessments on all PACE projects approved by the delegated authority over the previous 12-month period.

Recommendation: Delegated authority could reduce the amount of time a property owner is required to wait for project approval. However, implementing delegated authority does not appear to save substantial time for the Administration as it would still require staff to review the documentation for each PACE project. Additional discussions with the Law Department will be required to determine the legality of delegating Council's legislative responsibilities to the Administration.

PROGRAM ADMINISTRATION

The current program administrator of the Cincinnati ESID is Midwest PACE Services LLC dba Ohio PACE, a wholly owned subsidiary of Bricker & Eckler LLP. The program administrator is selected by the ESID and is responsible for assisting property owners through the process of placing a PACE assessment on their property. It works closely with the ESID to ensure that a project is eligible for PACE financing and that all documentation is complete. Ohio PACE operates an open program, meaning that it assists with PACE projects brought forward by any contractor, property owner, or capital provider. The policies and procedures used by Ohio PACE are in alignment with the best practices for program administration developed by the C-PACE Alliance.[1]

The program administrator, on behalf of the ESID, is responsible for obtaining all special assessment funds collected from the City and transmitting them to PACE capital providers. Cincinnati is the only jurisdiction among its peers that requires the program administrator to transmit fees on behalf of the city.

Allowing multiple program administrators would create an undue burden on the ESID and add a layer of complexity in its interactions with the City. The ESID would be responsible for oversight of multiple administrators and would need to ensure that each administrator is properly invoicing the City for special assessment funds and transmitting them to PACE capital providers. A review of commercial PACE programs across the country did not reveal any programs with multiple administrators.

There are some basic metrics that could provide insight on the effectiveness of a program administrator, including: the number of properties interested in PACE, the source of the interested property (Ohio PACE, contractor, capital provider, City department, etc.), the number of completed PACE projects, and the reason why a property decided not to utilize PACE (fees, eligibility, etc.). However, due to the nature of PACE in Cincinnati, it is unlikely that these metrics would definitively evaluate the effectiveness of the program

[1] C-PACE Alliance, "Elements of a Well-Designed C-PACE Statute and Program to Attract Private Capital and Foster Greater Transaction Volumes." July 19, 2019, http://www.c-pacealliance.com/wp-content/uploads/2019/07/Elements-of-a-Well-Designed-CPACE-v2.0-07-19-19-FINAL.pdf

administrator.

Recommendation: City Council should continue to support the use of a single program administrator by the Cincinnati ESID.

FEE STRUCTURE

All PACE projects financed within the City of Cincinnati ESID are subject to fees charged by the City and the Hamilton County Auditor's Office. These fees add significant costs to PACE financing that could discourage property owners from utilizing it.

Hamilton County Fee

Section 727.36 of the Ohio Revised Code allows a county auditor to "add to each assessment such per cent as he deems necessary to defray the expense of collecting it." The Hamilton County Auditor has established a rate of 3 percent as the amount that will be charged as a collection fee on each assessment. The Hamilton County Auditor has not established a maximum amount that it will charge on each assessment payment. Since the creation of the Cincinnati ESID, the Hamilton County Auditor has collected $103,497 in fees from PACE projects.

The Auditor's collection fee is an impediment to the increased utilization of PACE financing in the City. It adds significant costs that many property owners are not willing to pay. Appendix A outlines the additional costs that a property owner can face due to the Auditor's fee on assessment payments.

PACE Programs in other Ohio counties are not subject to high collection fees from their county auditors (see table below). The impact of those fees on overall project costs is shown in Appendix A.

Local Government	County	Auditor Collection Fee
City of Cincinnati	Hamilton	3%
City of Cleveland	Cuyahoga	1%
City of Columbus	Franklin	0%
City of Dayton	Montgomery	0-1%
City of Toledo	Lucas	1%

The removal or reduction of the assessment collection fee presents a major opportunity to make PACE financing more effective and efficient in Cincinnati. There are three options that the City could consider regarding the collection fees:

- The City could support the continued use of the current fee structure.
- The City could negotiate with the Hamilton County Auditor to determine if it would reduce its fee on PACE assessment collections to align with those in other Ohio counties.
- The City could utilize a third-party provider to bill and collect PACE assessments. Other ESIDs in Hamilton County have adopted this approach. The City currently uses a similar model for its first-time home buyer program. This option would require additional research by the Administration and Law Department to determine its feasibility.

City of Cincinnati Fees

In addition to the Hamilton County Auditor's fee, PACE projects in Cincinnati are charged a one-time,

nonrefundable fee by the City to compensate it for the administrative costs associated with the levying and collection of the special assessment. The City's fee is calculated as 0.50% of the aggregate amount of the special assessments, which is capped at a maximum amount of $10,000. Since the creation of the Cincinnati ESID, the City has collected $97,873.11 in fees across 21 projects.

Under the current structure, property owners pay the City fee in its entirety at the financial closing. This results in an additional out of pocket closing cost that property owners must pay rather than a cost that is included in the PACE financing and paid over a period of years. In addition, because the City charges its fee at the financial closing based on the number of proposed assessment payments, property owners who pay off their PACE loan early are charged the fee on assessment payments they did not make.

Only one of the City's peers in Ohio charges a fee on PACE projects. The table below compares the fee structures currently used by the City's peers. Appendix A shows the impact the fees can have on a project's total cost.

Local Government	**Fee Structure**
City of Cincinnati	0.50% fee on each semi-annual assessment payment collected at closing
City of Cleveland	0.25% fee on each semi-annual assessment payment
City of Columbus	No fee
City of Dayton	No fee
City of Toledo	No fee

cc: Oliver Kroner, Interim Director of the Office of Environment and Sustainability
Attachment: Appendix A

Appendix A: Comparison of PACE fees across political jurisdictions

$250,000 PACE Project

- 20-year term (40 payments)
- $12,625 semi-annual assessment payment

	County Auditor Collection Fee		City PACE Fee		Total Fees Collected
	PACE Rate	Amount Collected	Rate	Amount Collected	
City of Cincinnati	3%	$15,150	0.5% on each payment	$2,525	$17,675
City of Cleveland	1%	$5,050	0.25% on each payment	$1,262	$6,312
City of Columbus	0%	$0	No fee	$0	$0
City of Dayton	0-1%	$5,050	No fee	$0	$5,050
City of Toledo	1%	$5,050	No fee	$0	$5,050

$633,043 PACE Project

- 20-year term (20 payments)
- $64,929 annual assessment payment

	County Auditor Collection Fee		City PACE Fee		Total Fees Collected
	PACE Rate	Amount Collected	Rate	Amount Collected	
City of Cincinnati	3%	$38,957	0.5% on each payment	$6,493	$45,450
City of Cleveland	1%	$12,986	0.25% on each payment	$3,246	$16,232
City of Columbus	0%	$0	No fee	$0	$0
City of Dayton	0-1%	$12,986	No fee	$0	$12,986
City of Toledo	1%	$12,986	No fee	$0	$12,986

$1,250,650 PACE Project

- 25-year term (50 payments)
- $64,432 semi-annual assessment payment

	County Auditor Collection Fee		City PACE Fee		Total Fees Collected
	PACE Rate	Amount Collected	Rate	Amount Collected	
City of Cincinnati	3%	$96,648	0.5% on each payment	$10,000	$106,648
City of Cleveland	1%	$32,216	0.25% on each payment	$8,054	$40,260
City of Columbus	0%	$0	No fee	$0	$0
City of Dayton	0-1%	$32,216	No fee	$0	$32,216
City of Toledo	1%	$32,216	No fee	$0	$32,216

city of CINCINNATI
Interdepartment Correspondence Sheet

Date: September 8, 2022

To: Mayor and Members of City Council 202201737

From: Sheryl M. M. Long, City Manager

Subject: EMERGENCY ORDINANCE – AMENDING ORDINANCE NO. 0341-2021 TO CORRECT THE DESIGNATED FUND

Attached is an emergency ordinance captioned as follows:

> **AMENDING** Ordinance No. 0341-2021 to correct the designated fund in which the Director of Finance is authorized to deposit proceeds received in connection with the sale of real property authorized by said ordinance.

On September 1 2021, City Council approved Ordinance No. 0341-2021 authorizing the City to sell certain real property adjacent to Interstate 75 in the Bond Hill and Carthage neighborhoods to ODOT in furtherance of ODOT's HAM 75 – 7.85 project.

Section 6 of Ordinance No. 0341-2021 authorized the proceeds from the property sale to be deposited into an incorrect fund.

The reason for the emergency is the immediate need to deposit the proceeds from the sale of real property authorized by Ordinance No. 0341-2021 into the correct fund.

The Administration recommends passage of the attached emergency ordinance.

cc: John S. Brazina, Director, Transportation and Engineering

EMERGENCY

City of Cincinnati

CHM

EESW

An Ordinance No. _____ - 2022

AMENDING Ordinance No. 0341-2021 to correct the designated fund in which the Director of Finance is authorized to deposit proceeds received in connection with the sale of real property authorized by said ordinance.

WHEREAS, on September 1, 2021, Council approved Ordinance No. 0341-2021 authorizing the City Manager to sell certain real property adjacent to Interstate 75 in the Bond Hill and Carthage neighborhoods of Cincinnati to the State of Ohio, Department of Transportation in furtherance of the State of Ohio, Department of Transportation's HAM 75 – 7.85 project; and

WHEREAS, Section 6 of Ordinance No. 0341-2021 authorized the Finance Director to deposit the proceeds from the property sale in an incorrect fund; and

WHEREAS, Council hereby amends Ordinance No. 0341-2021 to authorize the Finance Director to deposit the proceeds from the property sale in the correct fund; now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That Section 6 of Ordinance No. 0341-2021, approved by Council on September 1, 2021, is hereby amended as follows:

> Section 6. That the proceeds from the sale of the Property, if any, shall be deposited into Property Management Fund 209 to pay the fees for services provided by the City's Real Estate Services Division in connection with the sale, and that the City's Finance Director is hereby authorized to deposit amounts in excess thereof into ~~Miscellaneous Permanent Improvement Fund 757~~ Expressways/Gateways Permanent Improvement Fund 753.

Section 2. That existing Section 6 of Ordinance No. 0341-2021 is hereby repealed.

Section 3. That existing Section 7 of Ordinance No. 0341-2021 is hereby repealed in its entirety.

Section 4. That all terms of Ordinance No. 0341-2021 not amended in this ordinance remain in full force and effect.

Section 5. That this ordinance shall be an emergency measure necessary for the preservation of the public peace, health, safety, and general welfare and shall, subject to the terms of Article II, Section 6 of the Charter, be effective immediately. The reason for the emergency is the immediate need to deposit the proceeds from the sale of real property authorized by Ordinance No. 0341-2021 into the correct fund.

Passed: _____, 2022

_____
Aftab Pureval, Mayor

Attest: _____
Clerk

Deletions are struck through. Additions are underlined.

city of CINCINNATI
Interdepartment Correspondence Sheet

Date: September 8, 2022

To: Mayor and Members of City Council

202201738

From: Sheryl M. M. Long, City Manager

Subject: ORDINANCE – OTR HOLDINGS, INC. GRANT OF EASEMENT (1701-1705 RACE STREET)

Attached is an ordinance captioned as follows:

> **AUTHORIZING** the City Manager to execute a *Grant of Easements* in favor of OTR Holdings, Inc., pursuant to which the City of Cincinnati will grant easements for step encroachments upon portions of Green and Race Streets in Over-the-Rhine.

OTR Holdings, Inc. ("Grantee") owns the property located at 1701-1705 Race Street in the Over-the-Rhine neighborhood and has requested step encroachment easements encroaching upon portions the Green Street and Race Street public rights-of-way.

The City has determined that granting the easement to Grantee is not adverse to the City's retained interest in the public right-of-way and will not have an adverse effect on the usability or accessibility of any existing transportation facilities.

The fair market value of the easements is approximately $190 which Grantee has agreed to pay.

The City Planning Commission approved the easements at its meeting on May 20, 2022.

The Administration recommends passage of the attached ordinance.

Attachment I – Grant of Easements

cc: John S. Brazina, Director, Transportation and Engineering

City of Cincinnati

CHM

EESW

An Ordinance No. _____ - 2022

AUTHORIZING the City Manager to execute a *Grant of Easements* in favor of OTR Holdings, Inc., pursuant to which the City of Cincinnati will grant easements for step encroachments upon portions of Green and Race Streets in Over-the-Rhine.

WHEREAS, OTR Holdings, Inc., an Ohio nonprofit corporation ("Grantee"), holds title to certain real property located at 1701-1705 Race Street in the Over-the-Rhine neighborhood; and

WHEREAS, the City of Cincinnati ("City") owns the adjoining Green Street and Race Street public rights-of-way ("Property"), which Property is under the management of the City's Department of Transportation and Engineering ("DOTE"); and

WHEREAS, Grantee has requested easements from the City for step encroachments upon portions of the Green Street and Race Street public rights-of-way, as more particularly described in the *Grant of Easements* attached to this ordinance as Attachment A and incorporated herein by reference ("Easements"); and

WHEREAS, the City Manager, in consultation with DOTE, has determined (i) that granting the Easements to Grantee is not adverse to the City's retained interest in the Property and (ii) that granting the Easements will not have an adverse effect on the usability or accessibility of any existing transportation facilities located within the public rights-of-way; and

WHEREAS, pursuant to Cincinnati Municipal Code Sec. 331-5, Council may authorize the encumbrance of City-owned property without competitive bidding in those cases in which it determines that it is in the best interest of the City; and

WHEREAS, the City's Real Estate Services Division has determined by an appraisal that the fair market value of the Easements is approximately $190, which Grantee has agreed to pay; and

WHEREAS, the City Planning Commission, having the authority to approve the change in the use of City-owned property, approved the Easements at its meeting on May 20, 2022; now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That the City Manager is hereby authorized to execute a *Grant of Easements* in favor of OTR Holdings, Inc., an Ohio nonprofit corporation ("Grantee") and the owner of the

properties located at 1701-1705 Race Street in Over-the-Rhine, in substantially the form attached to this ordinance as Attachment A and incorporated herein by reference, pursuant to which the City of Cincinnati will grant to Grantee easements to construct and maintain step encroachments ("Easements") upon portions of the Green Street and Race Street public rights-of-way ("Property").

Section 2. That granting the Easements to Grantee (i) is not adverse to the City's retained interest in the Property; and (ii) will not have an adverse effect on the usability or accessibility of any existing transportation facilities located within the public rights-of-way.

Section 3. That it is in the best interest of the City to grant the Easements without competitive bidding because, as a practical matter, no one other than Grantee, an adjoining property owner, would have any use for the Easements.

Section 4. That the fair market value of the Easements, as determined by a professional appraisal by the City's Real Estate Services Division, is approximately $190, which Grantee has agreed to pay.

Section 5. That the proceeds from the *Grant of Easements* shall be deposited into Property Management Fund 209 to pay the fees for services provided by the City's Real Estate Services Division in connection with the *Grant of Easements*, and that the City's Finance Director is hereby authorized to deposit amounts in excess thereof, if any, into Miscellaneous Permanent Improvement Fund 757.

Section 6. That the City's Finance Director is authorized to transfer and appropriate such excess funds from Miscellaneous Permanent Improvement Fund 757 into Capital Improvement Program Project Account No. 980x233xYY2306, "Street Improvements," in which "YY"

represents the last two digits of the fiscal year in which the closing occurs and the proceeds are received, referencing the latter fiscal year if the events occur in different fiscal years.

Section 7. That the City Manager and other City officials are authorized to take all necessary and proper actions to carry out the provisions of this ordinance and to fulfill the terms of the *Grant of Easements*, including, without limitation, executing any and all ancillary agreements, plats, and other real estate documents.

Section 8. That this ordinance shall take effect and be in force from and after the earliest period allowed by law.

Passed: _____, 2022

_____

Aftab Pureval, Mayor

Attest: _____

Clerk

[SPACE ABOVE FOR RECORDER'S USE]

GRANT OF EASEMENTS

(encroachments upon portions of Green and Race Streets)

This Grant of Easements is granted as of the Effective Date (as defined on the signature page hereof) by the **CITY OF CINCINNATI**, an Ohio municipal corporation, 801 Plum Street, Cincinnati, OH 45202 (the "**City**"), in favor of **OTR HOLDINGS, INC.**, an Ohio nonprofit corporation, with a tax mailing address of 1203 Walnut Street, Fourth Floor, Cincinnati, OH 45202 ("**Grantee**").

Recitals:

A. By virtue of a *General Warranty Deed* recorded on September 6, 2019, in OR 13996, Page 2428, Hamilton County, Ohio Records, Grantee holds title to certain real property located at 1701 Race Street, Cincinnati, OH 45202, as more particularly described on Exhibit A (*Legal Description – Benefitted Properties*) hereto ("**1701 Race Street**").

B. By virtue of a *Limited Warranty Deed* recorded on April 4, 2017, in OR 13388, Page 2307, Hamilton County, Ohio Records, Grantee holds title to certain real property located at 1703 Race Street, Cincinnati, OH 45202, as more particularly described on Exhibit A hereto ("**1703 Race Street**").

C. By virtue of a *Limited Warranty Deed* recorded on April 4, 2017, in OR 13388, Page 2307, Hamilton County, Ohio Records, Grantee holds title to certain real property located at 1705 Race Street, Cincinnati, OH 45202, as more particularly described on Exhibit A hereto ("**1705 Race Street**", and collectively with 1701 Race Street and 1703 Race Street, the "**Benefitted Properties**", and each a "**Benefitted Property**", as applicable).

D. The City owns the adjoining Race Street and Green Street public rights-of-way, which are under the management of the City's Department of Transportation and Engineering ("**DOTE**").

E. Grantee has requested the City to grant easements for step encroachments in and across portions of the Race Street and Green Street public rights-of-way (each, an "**Encroachment**", and collectively, the "**Encroachments**").

F. The City Manager, in consultation with DOTE, has determined that (i) the easements will not have an adverse effect on the City's retained interest in the Race Street and Green Street public rights-of-way, and (ii) granting the easements will not have an adverse effect on the usability or accessibility of any existing Race Street and Green Street public right-of-way facilities.

G. The City's Real Estate Services Division has determined that the fair market value of the easements, as determined by professional appraisal, is $190, which Grantee has agreed to pay.

H. City Planning Commission, having the authority to approve the change in the use of City-owned property, approved the easement at its meeting on May 20, 2022.

I. Cincinnati City Council approved the easement by Ordinance No. [___]-2022, passed on [___], 2022.

NOW THEREFORE, the parties do hereby agree as follows:

1. Grant of Easements. The City does hereby grant to Grantee, on the terms and conditions set forth herein, the following three easements for the Encroachments: (i) a non-exclusive encroachment easement as an appurtenance to and for the benefit of 1701 Race Street to use, maintain, repair, reconstruct, replace, and remove a step in and upon the Green Street public right-of-way, as more particularly identified and depicted as "**Easement #1**" on Exhibit B (*Survey*) and described on Exhibit C (*Legal Descriptions*) hereto; (ii) a non-exclusive encroachment easement as an appurtenance to and for the benefit of 1703 Race Street to use, maintain, repair, reconstruct, replace, and remove a step in and upon the Race Street public right-of-way, as more particularly identified and depicted as "**Easement #2**" on Exhibit B and described on Exhibit C hereto; and, (iii) a non-exclusive encroachment easement as an appurtenance to and for the benefit of 1705 Race Street to use, maintain, repair, reconstruct, replace, and remove steps and associated handrails in and upon the Race Street public right-of-way, as more particularly identified and depicted as "**Easement #3**" on Exhibit B and described on Exhibit C hereto. Easement #1, Easement #2, and Easement #3 shall each be referred to herein individually as an "**Easement**", and collectively as the "**Easements**" or "**Easement Areas**", as applicable. Grantee shall not make any modifications to the Encroachments within the Easement Areas without the City's prior written consent. Grantee acknowledges and agrees that it has conducted its own due diligence to familiarize itself with the condition and characteristics of the Easement Areas. The City has not made any representations or warranties concerning the title, condition, or characteristics of the Easement Areas or the suitability or fitness of the Easement Areas for any purpose. Grantee acknowledges and agrees that it is not relying upon any such representations or warranties from the City. Without limitation of the foregoing, under no circumstances shall the City be responsible or liable for any pre-existing environmental conditions affecting the Easement Areas.

2. Termination. Notwithstanding anything herein to the contrary, the Easements shall automatically terminate (i) upon the complete or respective partial demolition, without rebuilding within 1 year of such demolition, of the Encroachments within the Easement Areas, such that the Easements would be rendered unnecessary; (ii) upon written notice from the City if the City determines that it needs the Easement Areas or any portion thereof for a municipal purpose, including, without limitation, to comply with Americans with Disabilities Act ("**ADA**") regulations or accessibility standards; or (iii) upon written notice from the City if the City determines that the Encroachments are creating a public safety issue, such as noncompliance with ADA accessibility regulations, or contributing to adverse impacts on the usability or accessibility of any public right-of-way facilities, if Grantee does not abate or begin to take efforts to mitigate the public safety issue in a timely manner consistent with the degree of harm posed by the public safety issue.

3. Maintenance and Repairs. At no cost to the City, Grantee shall maintain the Encroachments in a continuous state of good and safe condition and repair. Grantee acknowledges that there may be existing easements, utility lines, and related facilities in the vicinity of the Easement Areas ("**Third-Party Utility Lines**"). In connection with Grantee's maintenance, repair, and use of the Encroachment, Grantee shall not interfere with the access of utility companies to maintain and repair the Third-Party Utility Lines and shall, at Grantee's expense, promptly repair any and all damage to Third-Party Utility Lines caused by Grantee, its agents, employees, contractors, subcontractors, tenants, licensees, or invitees. Any relocation of Third-Party Utility Lines necessitated by the construction, maintenance, repair, reconstruction, or removal

of the Encroachments under this instrument shall be handled entirely at Grantee's expense. All activities undertaken by Grantee under this instrument shall be in compliance with all applicable codes, laws, and other governmental standards, policies, guidelines and requirements.

4. Insurance; Indemnification. At all times, and in addition to whatever other insurance and bond requirements the City may from time to time require, Grantee shall maintain or cause to be maintained a policy of Commercial General Liability insurance, with an insurance company reasonably acceptable to the City and naming the City as an additional insured, in an amount not less than $1,000,000 per occurrence, combined single limit/$1,000,000 aggregate, or in such greater amount as the City may from time to time require. Grantee shall furnish to the City a certificate of insurance evidencing such insurance upon the City's request and, in any event, prior to undertaking any construction activities within the Easement Areas. Grantee hereby waives all claims and rights of recovery against the City, and on behalf of Grantee's insurers, rights of subrogation, in connection with any damage to the Encroachments, no matter how caused. Grantee shall defend (with counsel reasonably acceptable to the City), indemnify, and hold the City harmless from and against any and all claims, actions, losses, costs (including, without limitation, reasonable attorneys' fees), liability and damages suffered or incurred by, or asserted against, the City in connection with the use, construction, maintenance, repair, and all other matters associated with the Encroachments.

5. Default. If Grantee, its successors-in-interest, or assigns fail to perform any required work under this instrument and fail to address the same to DOTE's satisfaction within thirty (30) days after receiving written notice thereof from DOTE, the City shall have right to perform such work, at Grantee's expense, payable within ten (10) days after receiving an invoice from DOTE evidencing the amount due. Grantee, its successors-in-interest, or assigns shall be liable to DOTE for the payment of such work. Any outstanding amount due under this instrument shall create a lien on the respective Benefitted Property until fully paid. At the City's option, the City may file an affidavit in the Hamilton County, Ohio Recorder's office to memorialize any outstanding amounts due under this instrument.

6. Covenants Running with the Land. The provisions hereof shall run with the land and shall inure to the benefit of and be binding upon the City, Grantee, and their respective successors-in-interest and assigns.

7. Governing Law; Severability. This instrument shall be governed by and construed in accordance with the laws of the City of Cincinnati and the State of Ohio. If any provisions hereof are determined to be invalid or unenforceable by a court of law, the remainder of this instrument shall not be affected thereby, and all other provisions of this instrument shall be valid and enforceable to the fullest extent permitted by law.

8. Notices. All notices given hereunder shall be in writing and shall be sent by U.S. certified or registered mail, return receipt requested, or delivered by a recognized courier service, or by personal delivery, to the parties at their respective addresses set forth in the introductory paragraph hereof, or such other address as either party may specify from time to time by notice given in the manner prescribed herein. All notices to the City shall be addressed to the Office of the City Manager, and a copy of each such notice shall simultaneously be delivered to: Department of Transportation and Engineering, Attn: Director, Room 450. In the event of an alleged breach by the City of this instrument, a copy of each notice of breach shall simultaneously be delivered to the Office of the City Solicitor, 801 Plum Street, Room 214, Cincinnati, OH 45202.

9. Coordinated Report Conditions (CR #10-2022). The following additional conditions shall apply:

a. DOTE:

i. 1705 Race Street: The step encroachment shall provide 5 feet continual minimum pedestrian clearance, from vertical face to utility poles and other appurtenances. Handrails shall turn down and not protrude further into the sidewalk space.

ii. A DOTE street opening permit, obtained by a DOTE-licensed street contractor, is required for all private improvements in the public right-of-way. All improvements in the public right-of-way must be built to City standards, policies, and guidelines. Application for permits may be made at Room 425, City Hall, 801 Plum Street. Please note that plan drawings (2 sets), to be reviewed by DOTE, must be attached to the permit application

b. Greater Cincinnati Water Works ("GCWW"): There are active service branches (H-49019, H-16209, and H-236786) on Green and Race Streets within the Benefitted Properties near the Easement Areas. Caution must be exercised to avoid any damage during construction. GCWW records suggests the branches are outside of the Easement Areas. If during construction, Grantee finds the branch is within the limits of the Easement Areas, Grantee must maintain GCWW access to the control valve. This may require abandoning the existing branch and purchasing a new branch in a new location.

c. Altafiber: There are existing underground telephone facilities at this location. The existing facilities must remain in place, in service and able to be accessed. Any damage done to the facilities, or any work done to relocate the facilities as a result as of this request, will be handled entirely at Grantee's expense.

10. Counterparts and Electronic Signatures. This instrument may be executed by the parties hereto in two or more counterparts and each executed counterpart shall be considered an original. This instrument may be executed and delivered by electronic signature; any original signatures that are initially delivered electronically shall be physically delivered as soon as reasonably possible.

11. Exhibits. The following exhibits are attached hereto and made a part hereof:
Exhibit A – *Legal Description - Benefitted Properties*
Exhibit B –*Survey*
Exhibit C – *Legal Descriptions*

Executed by the parties on the respective date of acknowledgement listed below, effective as the later of such dates (the "**Effective Date**").

CITY OF CINCINNATI

By: _____

Printed Name: _____

Title: _____

Date: _____, 2022

STATE OF OHIO)
) ss:
COUNTY OF HAMILTON)

The foregoing instrument was acknowledged before me this ____ day of _____, 2022 by _____, the _____ of the City of Cincinnati, an Ohio municipal corporation, on behalf of the municipal corporation. The notarial act certified hereby is an acknowledgement. No oath or affirmation was administered to the signer with regard to the notarial act certified to hereby.

_____
Notary Public
My commission expires: _____

Approved by:

_____
John S. Brazina, Director
Department of Transportation and Engineering

Approved as to Form by:

_____
Assistant City Solicitor

[*Grantee Signature Page Follows*]

ACCEPTED AND AGREED TO BY:

OTR HOLDINGS, INC.,
an Ohio nonprofit corporation

By: _____

Printed Name: _____

Title: _____

Date: _____, 2022

STATE OF OHIO)
) ss:
COUNTY OF HAMILTON)

The foregoing instrument was acknowledged before me this ____ day of _____, 2022 by _____, the _____ of **OTR HOLDINGS, INC.**, an Ohio nonprofit corporation, on behalf of the corporation. The notarial act certified hereby is an acknowledgement. No oath or affirmation was administered to the signer with regard to the notarial act certified to hereby.

_____
Notary Public
My commission expires: _____

This instrument prepared by:
City of Cincinnati Law Department
801 Plum Street, Suite 214
Cincinnati, OH 45202

EXHIBIT A
to Grant of Easements
LEGAL DESCRIPTION - BENEFITTED PROPERTIES

Property Address: 1701 Race Street
Auditor's Parcel No.: 094-0008-0164

Situated in the City of Cincinnati, County of Hamilton, and State of Ohio, and being part of Block F in Findlay & Garrard's Subdivision as recorded in Deed Book 47, page 319, of Hamilton County, Ohio Records and being more particularly described as follows:

Beginning at the Northwest corner of Green and Race Streets; running thence Westwardly along Green Street 100 feet; thence Northwardly and parallel with Race Street 25 feet; thence Eastwardly and parallel with Green Street, 100 feet to Race Street; thence Southwardly along Race Street, 25 feet to the place of beginning.

Property Address: 1703 Race Street
Auditor's Parcel No.: 094-0008-0165

SITUATE IN THE CITY OF CINCINNATI, HAMILTON COUNTY, OHIO, VIZ: LOT 2, BLOCK "F", WHICH WAS LAID OUT BY GENERAL JAMES FINDLAY AND J.D. GARARD, RECORDED IN BOOK 47, PAGE 319, OF THE HAMILTON COUNTY, OHIO RECORDS, COMMENCING AT A POINT TWENTY-FIVE (25) FEET NORTH OF GREEN STREET ON THE WEST SIDE OF RACE STREET; THENCE WESTWARDLY PARALLEL WITH GREEN STREET ONE HUNDRED (100) FEET; THENCE NORTHWARDLY PARALLEL WITH RACE STREET TWENTY-FIVE (25) FEET; THENCE EASTWARDLY PARALLEL WITH GREEN STREET ONE HUNDRED (100) FEET; THENCE SOUTHWARDLY ALONG RACE STREET TWENTY-FIVE (25) FEET TO THE PLACE OF BEGINNING.

Property Address: 1705 Race Street
Auditor's Parcel No.: 094-0008-0166

Situated in Cincinnati, Hamilton County, Ohio, and being Lot 3 of Block "F", Findlay and Garrard's Subdivision, Deed Book 47, Page 319, Recorder's Office.

Beginning at a point in the West line of Race Street which lies 50 feet North of the North line of Green Street, measured along the West line of Race Street; thence South 73° 56' West 100 feet; thence North 16° West 20 feet; thence North 73° 56' East 100 feet; thence South 16° East 20 feet to a point of beginning.

EXHIBIT B
to Grant of Easements
SURVEY

SURVEY DATA:

HORIZONTAL DATUM – DERIVED FROM THE OHIO STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD83 (2011). SAID BEARINGS ORIGINATED FROM SAID COORDINATE SYSTEM BY GPS OBSERVATIONS AND OBSERVATIONS OF SELECTED STATIONS IN THE NATIONAL GEODETIC SURVEY CONTINUOUSLY OPERATING REFERENCE STATION (NGS CORS) NETWORK.

LINE TABLE		
LINE #	LENGTH	DIRECTION
L1	1.25	S10°04'49"E
L2	4.00	S79°55'11"W
L3	1.25	N10°04'49"W
L4	4.00	N79°55'11"E
L5	27.95	S79°55'11"W
L6	5.00	N10°00'22"W
L7	1.25	N79°59'38"E
L8	5.00	S10°00'22"E
L9	1.25	S79°59'38"W
L10	37.24	N10°00'22"W
L11	6.25	N10°00'22"W
L12	4.30	N79°59'38"E
L13	6.25	S10°00'22"E
L14	4.30	S79°59'38"W
L15	58.09	N10°00'22"W

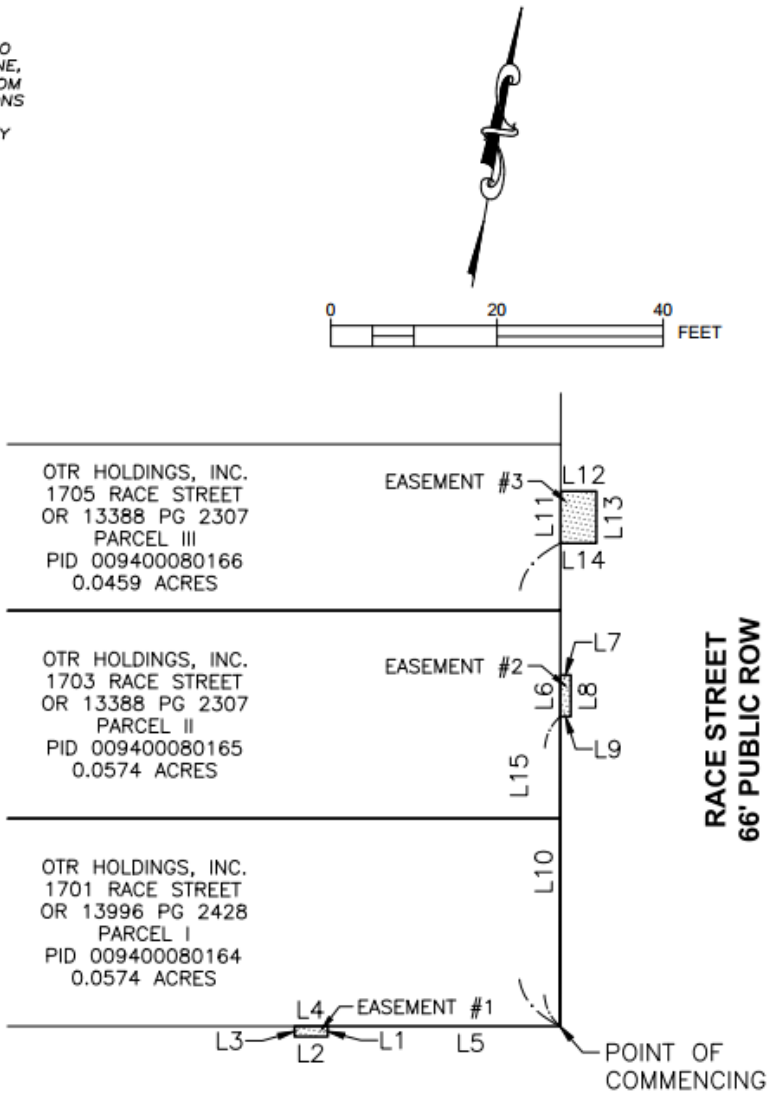


EXHIBIT C
to Grant of Easements
LEGAL DESCRIPTIONS

STEP EASEMENT #1
HAMILTON COUNTY, OHIO
APRIL 1, 2022

Situate in Section 13, Township 3 East, Range 2 North, in the City of Cincinnati, County of Hamilton, State of Ohio, and being over the right of way of Green Street, a 50' wide public right of way (all references to deeds, microfiche, plats, surveys, etc. refer to the records of the Hamilton County Recorder's Office, unless noted otherwise) and being more particularly bounded and described as follows:

Commencing for reference at the southeast corner of a 0.0574 acre tract of land (Parcel I) as conveyed to OTR Holdings, Inc. by deed recorded in Official Record Volume 13996, page 2428, said point being the intersection of the north right of way line of said Green Street (50' public right of way) and the west right of way line of Race Street (66' public right of way);

thence along the south line of said Parcel I and the north right of way line of said Green Street, South seventy-nine degrees fifty-five minutes eleven seconds West (S79°55'11"W), for twenty-seven and 95/100 feet (27.95') to the TRUE POINT OF BEGINNING;

thence leaving said lines and across said Green Street, South ten degrees four minutes forty-nine seconds East (S10°04'49"E), for one and 25/100 feet (1.25');

thence continuing across said Green Street, South seventy-nine degrees fifty-five minutes eleven seconds West (S79°55'11"W), for four and 00/100 feet (4.00');

thence continuing across said Green Street, North ten degrees four minutes forty-nine seconds West (N10°04'49"W), for one and 25/100 feet (1.25') to the south line of said Parcel I and the north right of way line of said Green Street;

thence along said lines, North seventy-nine degrees fifty-five minutes eleven seconds East (N79°55'11"E), for four and 00/100 feet (4.00') to the TRUE POINT OF BEGINNING, containing 5 square feet, more or less.

Bearings are based upon the Ohio State Plane Coordinate System, South Zone, NAD83 (2011). Said bearings originated from said coordinate system by GPS observations and observations of selected stations in the National Geodetic Survey Continuously Operating Reference Station (NGS CORS) Network.

This description was prepared under the direction of Michael Jay Wilson, Ohio Registered Surveyor No. 8281, of Woolpert Inc., based upon a field survey performed during September, 2021.



4/6/2022
Michael Jay Wilson Date
Ohio Registered Surveyor No. 8281

EXHIBIT C (Cont.)

STEP EASEMENT #2
HAMILTON COUNTY, OHIO
APRIL 1, 2022

Situate in Section 13, Township 3 East, Range 2 North, in the City of Cincinnati, County of Hamilton, State of Ohio, and being over the right of way of Race Street, a 66' wide public right of way (all references to deeds, microfiche, plats, surveys, etc. refer to the records of the Hamilton County Recorder's Office, unless noted otherwise) and being more particularly bounded and described as follows:

Commencing for reference at the southeast corner of a 0.0574 acre tract of land (Parcel I) as conveyed to OTR Holdings, Inc. by deed recorded in Official Record Volume 13996, page 2428, said point being the intersection of the north right of way line of Green Street (50' public right of way) and the west right of way line of said Race Street (66' public right of way);

thence along the east line of said Parcel I, the east line of a 0.0574 acre tract of land (Parcel II) as conveyed to OTR Holdings, Inc. by deed recorded in Official Record Volume 13388, page 2307, and the west right of way line of said Race Street, North ten degrees zero minutes twenty-two seconds West (N10°00'22"W), for thirty-seven and 24/100 feet (37.24') to the TRUE POINT OF BEGINNING;

thence continuing along said lines, North ten degrees zero minutes twenty-two seconds West (N10°00'22"W), for five and 00/100 feet (5.00');

thence leaving said lines and across said Race Street, North seventy-nine degrees fifty-nine minutes thirty-eight seconds East (N79°59'38"E), for one and 25/100 feet (1.25');

thence continuing across said Race Street, South ten degrees zero minutes twenty-two seconds East (S10°00'22"E), for five and 00/100 feet (5.00');

thence continuing across said Race Street, South seventy-nine degrees fifty-nine minutes thirty-eight seconds West (S79°59'38"W), for one and 25/100 feet (1.25') to the TRUE POINT OF BEGINNING, containing 6.25 square feet, more or less.

Bearings are based upon the Ohio State Plane Coordinate System, South Zone, NAD83 (2011). Said bearings originated from said coordinate system by GPS observations and observations of selected stations in the National Geodetic Survey Continuously Operating Reference Station (NGS CORS) Network.

This description was prepared under the direction of Michael Jay Wilson, Ohio Registered Surveyor No. 8281, of Woolpert Inc., based upon a field survey performed during September, 2021.



4/6/2022

Michael Jay Wilson Date
Ohio Registered Surveyor No. 8281

EXHIBIT C (Cont.)

STEP EASEMENT #3
HAMILTON COUNTY, OHIO
APRIL 1, 2022

Situate in Section 13, Township 3 East, Range 2 North, in the City of Cincinnati, County of Hamilton, State of Ohio, and being over the right of way of Race Street, a 66' wide public right of way (all references to deeds, microfiche, plats, surveys, etc. refer to the records of the Hamilton County Recorder's Office, unless noted otherwise) and being more particularly bounded and described as follows:

Commencing for reference at the southeast corner of a 0.0574 acre tract of land (Parcel I) as conveyed to OTR Holdings, Inc. by deed recorded in Official Record Volume 13996, page 2428, said point being the intersection of the north right of way line of Green Street (50' public right of way) and the west right of way line of said Race Street (66' public right of way);

thence along the east line of said Parcel I, the east line of a 0.0574 acre tract of land (Parcel II) and the east line of a 0.0459 acre tract of land (Parcel III) as conveyed to OTR Holdings, Inc. by deed recorded in Official Record Volume 13388, page 2307, and the west right of way line of said Race Street, North ten degrees zero minutes twenty-two seconds West (N10°00'22"W), for fifty-eight and 9/100 feet (58.09') to the TRUE POINT OF BEGINNING;

thence continuing along said lines, North ten degrees zero minutes twenty-two seconds West (N10°00'22"W), for six and 25/100 feet (6.25');

thence leaving said lines and across said Race Street, North seventy-nine degrees fifty-nine minutes thirty-eight seconds East (N79°59'38"E), for four and 30/100 feet (4.30');

thence continuing across said Race Street, South ten degrees zero minutes twenty-two seconds East (S10°00'22"E), for six and 25/100 feet (6.25');

thence continuing across said Race Street, South seventy-nine degrees fifty-nine minutes thirty-eight seconds West (S79°59'38"W), for four and 30/100 feet (4.30') to the POINT OF BEGINNING, containing 26.875 square feet, more or less.

Bearings are based upon the Ohio State Plane Coordinate System, South Zone, NAD83 (2011). Said bearings originated from said coordinate system by GPS observations and observations of selected stations in the National Geodetic Survey Continuously Operating Reference Station (NGS CORS) Network.

This description was prepared under the direction of Michael Jay Wilson, Ohio Registered Surveyor No. 8281, of Woolpert Inc., based upon a field survey performed during September, 2021.



4/6/2022

Michael Jay Wilson Date
Ohio Registered Surveyor No. 8281

city of CINCINNATI
Interdepartment Correspondence Sheet

Date: September 8, 2022

To: Mayor and Members of City Council 202201739

From: Sheryl M. M. Long, City Manager

Subject: ORDINANCE – ROBERT B. HINTON, JR GRANT OF EASEMENT (2503 HANDASYDE COURT)

Attached is an ordinance captioned as follows:

> **AUTHORIZING** the City Manager to execute a *Grant of Easement* in favor of Robert B. Hinton, Jr., pursuant to which the City of Cincinnati will grant an easement for retaining walls and pavement that encroach upon portions of Handasyde Court and Menlo Avenue in Hyde Park.

Robert B. Hinton, Jr. ("Grantee") holds title to certain real property located at 2503 Handasyde Court in the Hyde Park neighborhood and has requested an easement for certain improvements that encroach upon portions of the Handasyde Court and Menlo Avenue public rights-of-way, namely, retaining walls and pavement for a driveway.

The City has determined that granting the easement to Grantee is not adverse to the City's retained interest in the public right-of-way and will not have an adverse effect on the usability or accessibility of any existing transportation facilities.

The fair market value of the easement is approximately $3,150, however, in consideration of the costs incurred by Grantee in constructing a public sidewalk in the Handasyde Court and Menlo Avenue public rights-of-way at the request of the City, the City has agreed to convey the easement for $1.00 which Grantee has agreed to pay.

The City Planning Commission approved the easements at its meeting on January 19, 2018.

The Administration recommends passage of the attached ordinance.

Attachment I – Grant of Easement

cc: John S. Brazina, Director, Transportation and Engineering

City of Cincinnati

CHM

EESW

An Ordinance No. _____ - 2022

AUTHORIZING the City Manager to execute a *Grant of Easement* in favor of Robert B. Hinton, Jr., pursuant to which the City of Cincinnati will grant an easement for retaining walls and pavement that encroach upon portions of Handasyde Court and Menlo Avenue in Hyde Park.

WHEREAS, Robert B. Hinton, Jr. ("Grantee"), holds title to certain real property located at 2503 Handasyde Court in the Hyde Park neighborhood; and

WHEREAS, the City of Cincinnati ("City") owns the adjoining Handasyde Court and Menlo Avenue public rights-of-way ("Property"), which Property is under the management of the City's Department of Transportation and Engineering ("DOTE"); and

WHEREAS, Grantee has requested an easement from the City for certain improvements that encroach upon portions of the Handasyde Court and Menlo Avenue public rights-of-way, namely, retaining walls and pavement for a driveway, as more particularly described in the *Grant of Easement* attached to this ordinance as Attachment A and incorporated herein by reference ("Easement"); and

WHEREAS, the City Manager, in consultation with DOTE, has determined (i) that granting the Easement to Grantee is not adverse to the City's retained interest in the Property and (ii) that granting the Easement will not have an adverse effect on the usability or accessibility of any existing transportation facilities located within the public rights-of-way; and

WHEREAS, pursuant to Cincinnati Municipal Code Sec. 331-5, Council may authorize the encumbrance of City-owned property without competitive bidding in those cases in which it determines that it is in the best interest of the City; and

WHEREAS, the City's Real Estate Services Division has determined by an appraisal that the fair market value of the Easement is approximately $3,150, however, in consideration of the costs incurred by Grantee in constructing a public sidewalk in the Handasyde Court and Menlo Avenue public rights-of-way at the request of the City, the City has agreed to convey the Easement for $1.00 because the City anticipates that the City and the general pedestrian public will receive a combination of economic and non-economic benefits from the public sidewalk that will equal or exceed the fair market value of the Easement; and

WHEREAS, the City Planning Commission, having the authority to approve the change in the use of City-owned property, approved the Easement at its meeting on January 19, 2018; now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That the City Manager is hereby authorized to execute a *Grant of Easement* in favor of Robert B. Hinton, Jr. ("Grantee"), the owner of the property located at 2503 Handasyde Court in Hyde Park, in substantially the form attached to this ordinance as Attachment A and incorporated herein by reference, pursuant to which the City of Cincinnati will grant to Grantee an easement to construct and maintain encroachments ("Easement") upon portions of the Handasyde Court and Menlo Avenue public rights-of-way ("Property"), as more particularly described in Attachment A.

Section 2. That granting the Easement to Grantee (i) is not adverse to the City's retained interest in the Property; and (ii) will not have an adverse effect on the usability or accessibility of any existing transportation facilities located within the public rights-of-way.

Section 3. That it is in the best interest of the City to grant the Easement without competitive bidding because, as a practical matter, no one other than Grantee, an adjoining property owner, would have any use for the Easement.

Section 4. That the fair market value of the Easement, as determined by a professional appraisal by the City's Real Estate Services Division, is approximately $3,150, however, in consideration of the costs incurred by Grantee in constructing a public sidewalk in the Handasyde Court and Menlo Avenue public rights-of-way at the request of the City, the City has agreed to convey the Easement for $1.00 because the City anticipates that the City and the general pedestrian public will receive a combination of economic and non-economic benefits from the public sidewalk that will equal or exceed the fair market value of the Easement.

Section 5. That the proceeds from the *Grant of Easement* shall be deposited into Property Management Fund 209 to pay the fees for services provided by the City's Real Estate Services Division in connection with the *Grant of Easement*, and that the City's Finance Director is

hereby authorized to deposit amounts in excess thereof, if any, into Miscellaneous Permanent Improvement Fund 757.

Section 6. That the City's Finance Director is authorized to transfer and appropriate such excess funds from Miscellaneous Permanent Improvement Fund 757 into Capital Improvement Program Project Account No. 980x233xYY2306, "Street Improvements," in which "YY" represents the last two digits of the fiscal year in which the closing occurs and the proceeds are received, referencing the latter fiscal year if the events occur in different fiscal years.

Section 7. That the City Manager and other City officials are authorized to take all necessary and proper actions to carry out the provisions of this ordinance and to fulfill the terms of the *Grant of Easement*, including, without limitation, executing any and all ancillary agreements, plats, and other real estate documents.

Section 8. That this ordinance shall take effect and be in force from and after the earliest period allowed by law.

Passed: _____, 2022

_____
Aftab Pureval, Mayor

Attest: _____
Clerk

[SPACE ABOVE FOR RECORDER'S USE]

GRANT OF EASEMENT

(2503 Handasyde Court)

This Grant of Easement (this "**Easement**") is executed on the Effective Date (as defined on the signature page hereof) by the **CITY OF CINCINNATI**, an Ohio municipal corporation, the address of which is 801 Plum Street, Cincinnati, Ohio 45202 (the "**City**"), in favor of **ROBERT B. HINTON, JR.**, married, whose tax mailing address is 2503 Handasyde Court, Cincinnati, Ohio 45208 ("**Grantee**").

Recitals:

A. By virtue of a Deed recorded in Official Record 13763, Page 1289, Hamilton County, Ohio Recorder's Office, Grantee owns the residential real property located at 2503 Handasyde Court, Cincinnati, Ohio, designated as Auditor's Parcel Number 046-0001-0022, as described on Exhibit A (*Legal Description-Grantee's Property*) hereto ("**Grantee's Property**").

B. The City owns the abutting public rights-of-way known as Handasyde Court and Menlo Avenue, as depicted on Exhibit B (*Site Map*), which are under the management and control of the City's Department of Transportation and Engineering ("**DOTE**").

C. Grantee has constructed certain improvements that encroach upon Handasyde Court and Menlo Avenue, namely: retaining walls and pavement for a driveway that serves Grantee's residence (the "**Improvements**"), as more particularly depicted on Exhibit B.

D. The parties now desire to memorialize Grantee's ownership and corresponding obligation to maintain and repair the Improvements.

E. The City Manager, in consultation with DOTE, has determined that (i) granting this Easement will not have an adverse effect on the City's retained interest in the Handasyde Court and Menlo Avenue public rights-of-way, and (ii) granting this Easement will not have an adverse effect on the usability or accessibility of any existing Handasyde Court and Menlo Avenue public right-of-way facilities.

F. The City's Real Estate Services Division has determined by appraisal that the fair market value of the Easement is $3,150, however in consideration of the costs incurred by Grantee in constructing a public sidewalk in the Handasyde Court and Menlo Avenue public rights-of-way at the request of the City, the City has agreed to convey this Easement for $1.00 because the City anticipates that the City and the general pedestrian public will receive a combination of economic and non-economic benefits from the public sidewalk that will equal or exceed the fair market value of this Easement.

G. City Planning Commission, having authority to approve the change in the use of City-owned property, approved this Easement at its meeting on January 19, 2018.

H. Execution of this instrument was authorized by Ordinance No. ___-2022, passed by Cincinnati City Council on _____, 2022.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereby agree as follows:

1. Grant of Easement; Termination.

(A) Grant of Easement. The City hereby grants to Grantee, on the terms and conditions set forth herein, as an appurtenance to and for the benefit of Grantee's Property, a non-exclusive easement to use, maintain, repair, reconstruct, replace, and remove the Improvements over the portions of the Handasyde Court and Menlo Avenue public rights-of-way, as more particularly depicted on Exhibit B and described on Exhibit C (*Legal Description – Easement Areas*) hereto (the "**Easement Areas**"). For all purposes, Grantee shall be deemed to be the owner of the Improvements. The City has no responsibility or liability for the design, constructability, functionality, physical condition or any other aspect of the Improvements.

(B) Termination. Notwithstanding anything herein to the contrary, this Easement shall automatically terminate, and the City shall have the right to execute and record an instrument memorializing the termination of this Easement in the Hamilton County Recorder's Office, (i) upon any permanent alteration or elimination of the Improvements within the Easement Areas such that this Easement or any portion thereof would be rendered unnecessary; (ii) upon written notice from the City if the City determines that it needs the Easement Areas or any portion thereof for a municipal purpose, including, without limitation, to comply with Americans with Disabilities Act ("**ADA**") regulations or accessibility standards; (iii) if Grantee completely removes the Improvements and does not commence construction of replacement improvements within 90 days thereafter; or (iv) upon written notice from the City if the City determines that the Improvements are creating a public safety issue, such as noncompliance with ADA accessibility regulations, or contributing to adverse impacts on the usability or accessibility of any Handasyde Court or Menlo Avenue public right-of-way facilities. Upon the termination of this Easement, Grantee shall undertake all necessary steps to design, engineer, and obtain necessary approvals from the City to remove, relocate, and reconstruct the Improvements. Grantee shall have up to 180 days to remove and relocate the Improvements upon obtaining all necessary City approvals. Grantee shall be solely responsible for any and all costs incurred in relocating, reconstructing, or constructing replacement improvements. Upon the City's termination of this instrument, if Grantee fails to remove the Improvements as noted herein, the City and its contractors shall have the right to remove and destroy or otherwise dispose of the Improvements, without liability of any kind to Grantee.

2. Maintenance and Repairs. Grantee shall maintain the Improvements in a continuous state of good and safe condition and repair and shall promptly repair any and all resulting damage to City property caused thereby, including, without limitation, damaged vegetation. In the event Grantee fails to maintain and repair the Improvements as required hereunder or violates any of the covenants or restrictions contained herein, the City shall have the right to undertake such maintenance and repairs and to take any and all other necessary corrective actions, whereupon Grantee shall reimburse the City for its costs of doing so within thirty (30) days after receipt of an invoice from the City. Once installed, Grantee shall not make any alterations to the Improvements without the prior written consent of DOTE. Grantee shall not install any improvements or otherwise utilize any areas outside the Easement Areas.

3. Costs; Compliance with Laws. All costs associated with the maintenance and repair of the Improvements, including restoration work to any and all affected portions of City property, shall be borne solely by Grantee. All work undertaken by Grantee hereunder shall be in compliance with all applicable

codes, laws and other governmental requirements. Grantee shall obtain a public tree work permit from the Parks Department if working within 15 feet of any public tree within the public right-of-way.

4. Third-Party Utility Lines. Grantee acknowledges there may be existing easements, utility lines and related facilities in the vicinity of the Easement Areas ("**Third-Party Utility Lines**"). In connection with Grantee's maintenance and repair activities under this instrument, Grantee shall not interfere with the access of any utility company to maintain and repair the Third-Party Utilities Lines, and shall, at Grantee's expense, promptly repair any and all damage to the Third-Party Utility Lines caused by Grantee or its agents, employees or contractors. Any relocation of Third-Party Utility Lines necessitated by Grantee's activities under this instrument shall be handled entirely at Grantee's expense. Grantee acknowledges that access to water service branches may be affected by the Improvements. Repairs of any future leaks of the branches on the corresponding water service branches shall be repaired entirely at Grantee's expense.

5. Insurance; Indemnification. At all times during which Grantee is undertaking work within the Easement Areas, Grantee shall maintain a policy of Commercial General Liability insurance, with an insurance company reasonably acceptable to the City and naming the City as an additional insured, in an amount not less than $1,000,000 per occurrence, combined single limit, $2,000,000 aggregate, or in such greater amount and with such additional coverages as the City may from time to time require. Grantee shall furnish to the City a certificate of insurance evidencing such insurance upon the City's request, and in any event prior to undertaking any work within the Easement Areas. Grantee hereby waives all claims and rights of recovery against the City, and on behalf of Grantee's insurers, rights of subrogation, in connection with any damage to the Improvements, no matter how caused. Grantee shall defend (with counsel reasonably acceptable to the City), indemnify, and hold the City harmless from and against any and all claims, actions, losses, costs (including, without limitation, attorneys' fees), liability and damages suffered or incurred by, or asserted against, the City in connection with the construction, maintenance, repair or other matters associated with the Improvements.

6. Notices. All notices given hereunder shall be in writing and shall be sent by U.S. certified or registered mail, return receipt requested, or delivered by a recognized courier service, or by personal delivery, to Grantee, and its respective successors-in-interest and assigns, to 2503 Handasyde Court, Cincinnati, Ohio 45208, or such other address as either party may specify from time to time by notice given in the manner prescribed herein. All notices to the City shall be addressed to the Office of the City Manager, 801 Plum Street, Cincinnati, OH 45202, and a copy of each such notice shall simultaneously be delivered to: Department of Transportation and Engineering, 801 Plum Street, Room 450, Cincinnati, OH 45202. In the event of an alleged breach by the City of this instrument, a copy of each notice of breach shall simultaneously be delivered to the Office of the City Solicitor, 801 Plum Street, Room 214, Cincinnati, OH 45202.

7. Default. An event of default shall be deemed to have occurred if Grantee, its successors-in-interest, or assigns fail to perform any required work under this instrument, including, but not limited to, the obligations set forth in Section 1(B), and fail to address the same to DOTE's satisfaction within thirty (30) days after receiving written notice thereof from DOTE, upon which the City shall have right to perform such work, at Grantee's expense, payable within ten (10) days after receiving an invoice from DOTE evidencing the amount due. Grantee, its successors-in-interest, or assigns shall be liable to DOTE for the payment of such work. Any outstanding amount due under this instrument shall create a lien on the Grantee's Property until fully paid. At the City's option, the City may file an affidavit in the Hamilton County, Ohio Recorder's office to memorialize any outstanding amounts due under this instrument.

8. Covenants Running with the Land. The provisions hereof shall run with the land and shall inure to the benefit of and be binding upon the parties hereto and their respective successors-in-interest.

9. Governing Law; Severability. This instrument shall be governed by and construed in accordance with the laws of the City of Cincinnati and the State of Ohio. If any provisions hereof are

determined to be invalid or unenforceable by a court of law, the remainder of this instrument shall not be affected thereby, and all other provisions of this instrument shall be valid and enforceable to the fullest extent permitted by law.

10. **Coordinated Report Conditions (CR #99-2016)**. The following additional conditions shall apply:

(A) DOTE: A DOTE street opening permit, obtained by a DOTE licensed street contractor, is required for all private improvements in the public right-of-way. All improvements in the public right-of-way must be built to City standards, policies and guidelines. Application for permits may be made at Room 425, City Hall, 801 Plum Street. Please note that plan drawings (2 sets), to be reviewed by DOTE, must be attached to the permit application.

(B) Altafiber: There are existing underground telephone facilities at or around this location. The existing facilities must remain in place, in service and able to be accessed. Any damage done to the facilities, or any work done to relocate the facilities as a result of this instrument will be handled entirely at Grantee's expense.

11. **Counterparts and Electronic Signatures**. This instrument may be executed by the parties hereto in two or more counterparts and each executed counterpart shall be considered an original. This instrument may be executed and delivered by electronic signature; any original signatures that are initially delivered electronically shall be physically delivered as soon as reasonably possible.

12. **Exhibits**. The following exhibits are attached hereto and made a part hereof:
Exhibit A—*Legal Description-Grantee's Property*
Exhibit B—*Survey*
Exhibit C—*Legal Description – Easement Areas*

[SIGNATURE PAGE FOLLOWS]

Executed on the date of acknowledgement indicated below (the "**Effective Date**").

CITY OF CINCINNATI

By: _____

Printed Name: _____

Title: _____

Date: _____, 2022

STATE OF OHIO)
) ss:
COUNTY OF HAMILTON)

The foregoing instrument was acknowledged before me this ___ day of _____, 2022 by _____, the _____ of the City of Cincinnati, an Ohio municipal corporation, on behalf of the municipal corporation. The notarial act certified hereby is an acknowledgment. No oath or affirmation was administered to the signer with regard to the notarial act certified hereby.

_____
Notary Public
My commission expires: _____

Recommended by:

_____
John S. Brazina, Director
Department of Transportation and Engineering

Approved as to Form:

_____
Assistant City Solicitor

[*Grantee Signature Page Follows*]

ACKNOWLEDGED AND ACCEPTED BY:

GRANTEE:

_____
Robert B. Hinton, Jr.

Date: _____, 2022

This instrument prepared by:

City of Cincinnati Law Department
801 Plum Street
Cincinnati, OH 45202

EXHIBIT A

Situate in Section 32, Town 4, Fractional Range 2, Miami Purchase, City of Cincinnati, Hamilton County, Ohio, being part of Lot 9, Barnabas Niles Estate recorded in Deed Book 94, Page 121, and being all of the lands conveyed to Robert B. Jr. and Andrea C. Hinton as recorded in Official Record 10217, Page 868 Hamilton County, Ohio Recorder's Office, more particularly described as follows:

Beginning at an existing 3/4" iron pipe in the south Right-Of-Way line of Handasyde Court (50' Right-of-Way), said point lying North 87° 30' 00" East, 285 feet from the northwest corner of said Lot 9 of Barnabas Niles Estate, said point also being the northwest corner of the lands conveyed to Warner A. Meyers and Kim Stookey-Myers by deed recorded in Official Record 12498, Page 178 Hamilton County, Ohio Recorder's Office;

Thence leaving said south Right-Of-Way line of Handasyde Court and with the west line of said Myers' land, South 02° 05' 00" East, a distance of 387.97 feet to a 5/8" iron pin set at the northeast corner of Parcel 2 of lands conveyed to Daniel H. and Judith S. McKinney, Trustees, by deed recorded in Official Record 7563, Page 951 Hamilton County, Ohio Recorder's Office and in the west line of the lands conveyed to Cincinnati Country Club by deed recorded in Official Record 8871, Page 1203 Hamilton County, Ohio Recorder's Office;

Thence with the north line of said Parcel 2, South 86° 19' 20" West, a distance of 142.55 feet to a 5/8" iron set at the northwest corner of Parcel 2 and in the east line of Parcel 1 of said McKinney lands;

Thence in part with the east line of said McKinney lands, North 02° 05' 00" West, a distance of 390.90 feet to a 5/8" iron pin set at the northeast corner of the lands conveyed to Michelle S. and Donald E. Hershey by deed recorded in Official Record 8262, Page 1376 Hamilton County, Ohio Recorder's Office, said point also being in the south Right-Of-Way line of said Handasyde Court;

Thence with the south line of said Handasyde Court, North 87° 30' 00" East, 142.50 feet to the point of beginning.

Containing 1.2739 acres of land.

Subject to all legal highways, easements and restrictions of record.

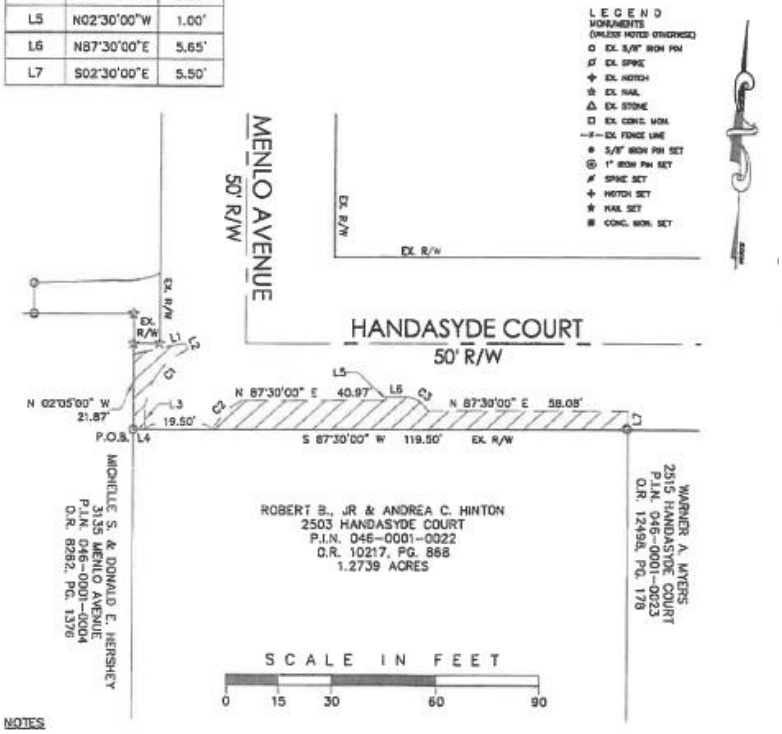
The above description is the result of a survey prepared by McGill Smith Punshon, Inc. under the direction of Melvin W. Pistor, Jr., P.S. No. 8180, dated October 7, 2015. Bearings based on Barnabas Niles Subdivision as recorded in Plat Book 94, Page 121, Hamilton County, Ohio Recorder's Office.

Auditor's Parcel No.: 046-0001-022
Property Address: 2503 Handasyde Court, Cincinnati, Ohio 45208

EXHIBIT B

LINE TABLE		
Line #	BEARING	LENGTH
L1	N75°26'17"E	15.29'
L2	S25°21'59"E	2.00'
L3	S02°05'00"E	5.06'
L4	S87°30'00"W	3.50'
L5	N02°30'00"W	1.00'
L6	N87°30'00"E	5.65'
L7	S02°30'00"E	5.50'

CURVE TABLE					
Curve #	RADIUS	LENGTH	CHD LENGTH	CHD BEARING	DELTA
C1	19.75'	23.33'	22.00'	S31°45'44"W	067°41'28"
C2	20.50'	12.18'	12.00'	N42°25'27"E	034°03'06"
C3	7.00'	7.90'	7.48'	S60°11'18"E	064°37'23"



NOTES

OCCUPATION IN GENERAL FITS SURVEY EXCEPT AS SHOWN.

MONUMENTS GENERALLY IN GOOD CONDITION UNLESS NOTED OTHERWISE. SURVEY BASED ON FIELD EVIDENCE AND DEEDS & PLATS OF RECORD NOTED HEREON.

BEARINGS BASED ON PLAT OF BARNABAS NILES SUBDIVISION AS RECORDED IN P.B. 94, PG. 121 IN HAMILTON COUNTY, OHIO RECORDER'S OFFICE.

WALL EASEMENT
2503 HANDASYDE COURT

0.0222 ACRES TOTAL
PART OF LOT 9 OF BARNABAS NILES SUBDIVISION
SECTION 32, TOWN 4, FRACTIONAL RANGE 2, MIAMI PURCHASE
CITY OF CINCINNATI, HAMILTON COUNTY, OHIO

STATE OF OHIO
MELVIN W. PISTOR, JR.
S-8180
REGISTERED
PROFESSIONAL SURVEYOR
5/7/17

McGill Smith Punshon, Inc.
3700 Park 42 Drive • Suite 190B
Cincinnati, Ohio 45241-2097
Tel 513.759.0004 • Fax 513.563.7099
www.mcgillsmithpunshon.com
Engineers • Architects • Surveyors • Landscape Architects • Planners

Drawn By	MWP	Date	05-17-17	Project No.	15200.12	Sheet No.	1/1
Project Mgr.	MWP	Scale	1"=20'	Points D.B.	10452		

EXHIBIT C

DESCRIPTION FOR: **Wall Easement – 0.0034 Ac.**

LOCATION: **2503 Handasyde Court**

Situate in Section 32, Town 4, Fractional Range 2, Miami Purchase, City of Cincinnati, Hamilton County, Ohio and being an easement located within the public right-of-way of Handasyde Court (50' right-of-way), and being more particularly described as follows:

Beginning at a point at the southwest corner of the right-of-way line of said Handasyde Court, said point being the northwest corner of the lands conveyed to Robert B. Jr. and Andrea C. Hinton as recorded in Official Record 10217, Page 868 Hamilton County, Ohio Recorder's Office, said point also being in the east line of the lands conveyed to Michelle S. and Donald E. Hershey as recorded in Official Record 8262, Page 1376 Hamilton County, Ohio Recorder's Office;

Thence with the east line of said Michelle S. and Donald E. Hershey and the west right-of-way line of Handasyde Court, the following six (6) courses and distance:

1. North 02°05'00" West, 21.87 feet to a point;
2. North 75°26'17" East, 15.29 feet to a point;
3. South 26°21'59" East, 2.00 feet to a point;
4. Along an arc deflecting to the left, having a radius of 19.75 feet, a distance of 23.33 feet, a central angle of 67°41'28", the chord of said arc bears South 31°45'44" West, 22.00 feet to a point;
5. South 02°05'00" East, 5.06 feet to a point;
6. South 87°30'00" West, 3.50 feet to the point of beginning.

Containing 0.0034 acres of land.

Subject to all legal highways, easements and restrictions of record.

The above described Wall Easement is in favor of the owners of 2503 Handasyde Court, as grantees interests lie, their heirs, successors, administrators and/or assigns and is for the maintenance and repair of a landscape and retaining wall.

The above description is the result of a survey prepared by McGill Smith Punshon, Inc. under the direction of Melvin W. Pistor, Jr., P.S. No. 8180, dated May 17, 2017. Bearings based on Barnabas Niles Subdivision as recorded in Plat Book 94, Page 121, Hamilton County, Ohio Recorder's Office.

Prepared by: McGill Smith Punshon, Inc.
Date: May 17, 2017
MSP No.: 15200.12

15200123-EAS Wall Legal 0.0034 AC.docx

STATE OF OHIO
MELVIN W. PISTOR, JR.
S-8180
REGISTERED
PROFESSIONAL SURVEYOR
5/17/17

McGill Smith Punshon, Inc.
3700 Park 42 Drive ▪ Suite 1908 ▪ Cincinnati, Ohio ▪ 45241-2097
513.759.0004 ▪ Fax 513.563.7099 ▪ www.mcgillsmithpunshon.com

Exhibit C, continued

DESCRIPTION FOR: **Wall Easement – 0.0188 Ac.**

LOCATION: **2503 Handasyde Court**

Situate in Section 32, Town 4, Fractional Range 2, Miami Purchase, City of Cincinnati, Hamilton County, Ohio and being an easement located within the public right-of-way of Handasyde Court (50' right-of-way), and being more particularly described as follows:

Beginning at a point in the south right-of-way line of said Handasyde Court, said point being the northeast corner of the lands conveyed to Robert B. Jr. and Andrea C. Hinton as recorded in Official Record 10217, Page 868 Hamilton County, Ohio Recorder's Office, said point also being the northwest corner of the lands conveyed to Warner A. Meyers as recorded in Official Record 12498, Page 178 Hamilton County, Ohio Recorder's Office;

Thence with the north line of said Robert B. Jr. and Andrea C. Hinton and the south right-of-way line of Handasyde Court, South 87°30'00" West, 119.50 feet to a point;

Thence leaving said north line of Robert B. Jr. and Andrea C. Hinton the following seven (7) courses and distances:

1. Along an arc deflecting to the right, having a radius of 20.50 feet, a distance of 12.18 feet, a central angle of 34°03'06", the chord of said arc bears North 42°25'27" East, 12.00 feet to a point;
2. North 87°30'00" East, 40.97 feet to a point;
3. North 02°30'00" West, 1.00 feet to a point;
4. North 87°30'00" East, 5.65 feet to a point;
5. Along an arc deflecting to the right, having a radius of 7.00 feet, a distance of 7.90 feet, a central angle of 64°37'23", the chord of said arc bears South 60°11'18" East, 7.48 feet to a point;
6. North 87°30'00" East, 58.08 feet to a point;
7. South 02°30'00" East, 5.50 feet to the point of beginning.

Containing 0.0188 acres of land.

Subject to all legal highways, easements and restrictions of record.

The above described Wall Easement is in favor of the owners of 2503 Handasyde Court, as grantees interests lie, their heirs, successors, administrators and/or assigns and is for the maintenance and repair of a landscape and retaining wall.

The above description is the result of a survey prepared by McGill Smith Punshon, Inc. under the direction of Melvin W. Pistor, Jr., P.S. No. 8180, dated May 17, 2017. Bearings based on Barnabas Niles Subdivision as recorded in Plat Book 94, Page 121, Hamilton County, Ohio Recorder's Office.

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513.759.0004 ▪ Fax 513.563.7099 ▪ www.mcgillsmithpunshon.com

city of CINCINNATI
Interdepartment Correspondence Sheet

Date: September 8, 2022

202201741

To: Mayor and Members of City Council

From: Sheryl M. M. Long, City Manager

Subject: ORDINANCE – CINFED FEDERAL CREDIT UNION PROPERTY SALE AGREEMENT

Attached is an ordinance captioned as follows:

> **AUTHORIZING** the City Manager to execute a *Property Sale Agreement* with Cinfed Federal Credit Union, pursuant to which the City will sell certain real property located at 4700 Ridge Avenue in Oakley, acquire a portion of real property located at 4704 Ridge Avenue in fee simple for public right-of-way purposes, and acquire a public utility easement on, under, and across a portion of said real property located at 4704 Ridge Avenue.

The City of Cincinnati holds title to an unimproved parcel of real property in the Oakley neighborhood located at 4700 Ridge Avenue (the "Sale Property"), which is under the management and control of the City's Department of Transportation and Engineering ("DOTE").

Cinfed Federal Credit Union ("Petitioner") holds title to an unimproved parcel of real property adjacent to the Sale Property at 4704 Ridge Avenue (the "Petitioner's Property"). Petitioner desires to purchase the Sale Property from the City subject to the reservation and creation of a permanent utility easement. Petitioner has also agreed to the following: (i) to convey to the City a 200-square-foot portion of Petitioner's Property (the "ROW Property") for public right-of-way purposes and (ii) to grant the City a public utility easement on, under, and across a 500-square-foot portion of Petitioner's Property.

The City Manager, upon consultation with DOTE, has determined that the Property is not needed for transportation or any other municipal purpose subject to the reservation and creation of a permanent utility easement.

The approximate fair market value of the Sale Property is $74,750, the approximate fair market value of the ROW Property is $1,850, and the approximate fair market value of the utility easement on Petitioner's Property is $2,310. The collective difference is $70,590 which Petitioner has agreed to pay.

The City Planning Commission approved the sale of the Property at its meeting on June 3, 2022.

The Administration recommends passage of the attached ordinance.

Attachment I – Property Sale Agreement

cc: John S. Brazina, Director, Transportation and Engineering

City of Cincinnati

CHM

EESW

An Ordinance No. _____ - 2022

AUTHORIZING the City Manager to execute a *Property Sale Agreement* with Cinfed Federal Credit Union, pursuant to which the City will sell certain real property located at 4700 Ridge Avenue in Oakley, acquire a portion of real property located at 4704 Ridge Avenue in fee simple for public right-of-way purposes, and acquire a public utility easement on, under, and across a portion of said real property located at 4704 Ridge Avenue.

WHEREAS, the City holds title to an unimproved parcel of real property in the Oakley neighborhood located at 4700 Ridge Avenue and identified as Hamilton County, Ohio Auditor's Parcel ID No. 051-0003-0046-00, and more particularly described in the *Property Sale Agreement* attached to this ordinance as Attachment A and incorporated herein by reference (the "Sale Property"), which Sale Property is under the management of the City's Department of Transportation and Engineering ("DOTE"); and

WHEREAS, Cinfed Federal Credit Union, a corporation organized and existing under the laws of the United States of America ("Petitioner"), holds title to an unimproved parcel of real property adjacent to the Sale Property at 4704 Ridge Avenue, identified as Hamilton County, Ohio Auditor's Parcel ID No. 051-0003-0045-00, and more particularly described on Attachment A ("Petitioner's Property"); and

WHEREAS, Petitioner has petitioned the City to sell the Sale Property (subject to the reservation and creation of a permanent utility easement on, under, and across the Sale Property for an existing watermain and associated appurtenances and equipment, as more particularly described on Attachment A ("4700 Watermain Easement")), and as a material inducement for the City's sale of the Sale Property, Petitioner has agreed to the following: (i) to convey to the City a 200-square-foot portion of Petitioner's Property for public right-of-way purposes, as more particularly described in Attachment A (the "ROW Property") and (ii) to grant the City a public utility easement on, under, and across a 500-square-foot portion of Petitioner's Property for an existing watermain and associated appurtenances and equipment, as more particularly described on Attachment A (the "4704 Watermain Easement"); and

WHEREAS, pursuant to Cincinnati Municipal Code Section 331-1, the City may sell real property that is not needed for municipal purposes; and

WHEREAS, the City Manager, being the officer having custody and control of the Sale Property, and upon consultation with DOTE, has determined that the City does not need the Sale Property for transportation or any other municipal purpose, subject to the reservation and creation of the 4700 Watermain Easement, as more particularly described on Attachment A; and

WHEREAS, the City's Real Estate Services Division has determined, by a professional appraisal, that: (i) the fair market value of the Sale Property (subject to the 4700 Watermain Easement) is approximately $74,750.00, (ii) the fair market value of the ROW Property is approximately $1,850.00, and (iii) the fair market value of the 4704 Watermain Easement is approximately $2,310.00, a collective difference of $70,590.00, which Petitioner has agreed to pay; and

WHEREAS, pursuant to Cincinnati Municipal Code Section 331-5, Council may authorize the sale of City-owned real property without competitive bidding in those cases in which it determines that it is in the best interest of the City and eliminating competitive bidding in connection with the City's sale of the Sale Property is appropriate because Petitioner is the only party realistically suited to redevelop the Sale Property because Petitioner holds title to all non-City-controlled real property encircling the Sale Property, and, as a material consideration for the City's sale of the Sale Property, Petitioner has agreed to encumber its real property with the 4704 Watermain Easement and to convey property to the City for incorporation as portions of the Ridge Avenue public right-of-way; and

WHEREAS, the City Planning Commission, having the authority to approve the change in the use of City-owned property, approved the sale of the Sale Property at its regularly scheduled meeting on June 3, 2022; now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That the City Manager is hereby authorized to execute a *Property Sale Agreement* with Cinfed Federal Credit Union, a corporation organized and existing under the laws of the United States of America ("Petitioner"), in substantially the form attached to this ordinance as Attachment A and incorporated herein by reference (the "Agreement"), pursuant to which the City of Cincinnati will (i) sell to Petitioner an unimproved parcel of real property in the Oakley neighborhood located at 4700 Ridge Avenue, identified as Hamilton County, Ohio Auditor's Parcel ID No. 051-0003-0046-00, as more particularly described in the Agreement (the "Sale Property"), subject to the reservation and creation of a permanent utility easement on, under, and across the Sale Property for an existing watermain and associated appurtenances and equipment, as more particularly described on Attachment A ("4700 Watermain Easement"); (ii) acquire in fee simple for public right-of-way purposes a 200-square-foot portion of real property located at 4704 Ridge Avenue, as more particularly described in the Agreement (the "ROW

Property"); and (iii) acquire a public utility easement on, under, and across a 500-square-foot portion of certain real property located at 4704 Ridge Avenue for an existing watermain and associated appurtenances and equipment, as more particularly described in the Agreement (the "4704 Watermain Easement").

Section 2. That the Sale Property is not needed for transportation or other municipal purposes, subject to the reservation and creation of the 4700 Watermain Easement, as more particularly described in the Agreement.

Section 3. That the City's Real Estate Services Division has determined, by a professional appraisal, that: (i) the fair market value of the Sale Property (subject to the 4700 Watermain Easement) is approximately $74,750.00, (ii) the fair market value of the ROW Property is approximately $1,850.00, and (iii) the fair market value of the 4704 Watermain Easement is approximately $2,310.00, a collective difference of $70,590.00, which Petitioner has agreed to pay.

Section 4. That eliminating competitive bidding in connection with the City's sale of the Sale Property is in the best interest of the City because Petitioner is the only party realistically suited to redevelop the Sale Property because Petitioner owns or controls all non-City-controlled real property that encircles the Sale Property, and, as a material consideration for the City's sale of the Sale Property, Petitioner has agreed to encumber its real property with the 4704 Watermain Easement and to convey property for incorporation as portions of the Ridge Avenue public right-of-way.

Section 5. That the proceeds from the sale of the Sale Property, if any, shall be deposited into Property Management Fund 209 to pay the fees for services provided by the City's Real Estate Services Division in connection with the sale, and that the City's Finance Director is

hereby authorized to deposit amounts in excess thereof into Miscellaneous Permanent Improvement Fund 757.

Section 6. That the City's Finance Director is authorized to transfer and appropriate such excess funds from Miscellaneous Permanent Improvement Fund 757 into Capital Improvement Program Project Account No. 980x233xYY2306, "Street Improvements," in which "YY" represents the last two digits of the fiscal year in which the closing occurs and the proceeds are received, referencing the latter fiscal year if the events occur in different fiscal years.

Section 7. That the City Manager and other City officials are hereby authorized to take all necessary and proper actions to carry out the provisions of this ordinance and the Agreement, including, without limitation, executing any and all ancillary agreements, deeds, plats, or other documents described in or contemplated by the Agreement, to create new encumbrances or release existing encumbrances associated with the title of the Sale Property, and to accept and to confirm the acceptance of the ROW Property and the 4704 Watermain Easement by the City, as deemed necessary or appropriate by the City Manager.

Section 8. That this ordinance shall take effect and be in force from and after the earliest period allowed by law.

Passed:_____, 2022

_____
Aftab Pureval, Mayor

Attest: _____
Clerk

Contract No. _____

Property: 4700 Ridge Avenue

PROPERTY SALE AGREEMENT

This Property Sale Agreement (this "**Agreement**") is made and entered into on the Effective Date (as defined on the signature page hereof) by and between the **CITY OF CINCINNATI**, an Ohio municipal corporation, the address of which for purposes of this Agreement is 801 Plum Street, Cincinnati, OH 45202 (the "**City**") and **CINFED FEDERAL CREDIT UNION**, a corporation organized and existing under the laws of the United States of America, whose tax mailing address is 4801 Kennedy Avenue, Cincinnati, OH 45209 ("**Purchaser**").

Recitals:

A. The City owns a vacant tract of land in the neighborhood of Oakley commonly known as 4700 Ridge Avenue, Cincinnati, OH, 45209 and identified as Hamilton County Auditor's Parcel No. 051-0003-0046-00, as more particularly described on Exhibit A (*Quitclaim Deed - Sale Property*) hereto (the "**Sale Property**"). As part of the sale of the Sale Property, the City will reserve and create a 10' wide permanent watermain easement on, under and across the Property, as more particularly described on Exhibit A. The Sale Property consists of a remnant parcel that was created due to the City's Kennedy Connector Project and is under the management of the City's Department of Transportation and Engineering ("**DOTE**").

B. Purchaser owns an abutting property located to the north of the Sale Property, identified as Hamilton County Auditor's Parcel No. 051-0003-0045-00, as depicted on Exhibit B (*Survey Plat*) hereto ("**Purchaser's Property**"), and desires to purchase from the City the Sale Property for any and all permitted uses.

C. The City Manager, in consultation with DOTE, has determined that the Sale Property is not needed for transportation purposes or any other municipal purpose.

D. As partial consideration for the City's sale of the Sale Property, Purchaser has agreed to convey to the City a 200-square-foot portion of Purchaser's Property (4' x 50') to be used for public right of way, as more particularly described on Exhibit D (*General Warranty Deed - Acquisition Property*) (the "**Acquisition Property**"). Additionally, Purchaser has agreed to grant the City a public utility easement across a 500-square-foot portion of Purchaser's Property (10' x 50'), as more particularly depicted on Exhibit C (*Form of Watermain Easement*) (the "**Watermain Easement**"), for the use and benefit of Greater Cincinnati Water Works ("**GCWW**") for an existing 48" watermain and associated appurtenances and equipment.

E. The City's Real Estate Services Division has determined, by a professional appraisal, that (i) the fair market value of the Sale Property is $74,750.00, (ii) the fair market value of the Acquisition

Property is $1,850, and (iii) the fair market value of the Watermain Easement is $2,310, a collective difference of $70,590, which Purchaser has agreed to pay.

F. The City has determined that eliminating competitive bidding in connection with the City's sale of the Sale Property is justified because Purchaser and the City own all real property that abuts the Sale Property, and as a practical matter no one other than an abutting property owner would have any use for it.

G. Section 13 of Article VIII of the Ohio Constitution provides that, to create or preserve jobs and employment opportunities and to improve the economic welfare of the people of the State, it is a public interest and proper public purpose for the State or its political subdivisions to sell, lease, exchange, or otherwise dispose of property within the State of Ohio for industry, commerce, distribution and research.

H. City Planning Commission, having the authority to approve the change in the use of City-owned property, approved the sale of the Sale Property to Purchaser and the acquisition of the Acquisition Property at its meeting on June 3, 2022.

I. Execution of this Agreement was authorized by Cincinnati City Council by Ordinance No. [___]-[____], passed on [_____], 2022.

NOW, THEREFORE, the parties agree as follows:

1. Agreement to Sell Property Interests; Purchase Price; Title to Acquisition Property; Condition and Environmental Representations of Acquisition Property; Condition of Sale Property.

(A) Agreement to Sell Property Interests. Subject to the terms and conditions set forth herein, the City and Purchaser hereby agree to the following: (i) the City agrees to sell the Sale Property to Purchaser with a reserved 10' permanent watermain easement as described in Exhibit A, and Purchaser agrees to Purchase the Sale Property from the City, with said reserved easement; (ii) Purchaser agrees to sell the Acquisition Property to the City, and the City agrees to purchase the Acquisition Property from Purchaser; and (iii) Purchaser agrees to grant to the City the Watermain Easement on, under and across the portion of Purchaser's Property on terms set forth in Exhibit C.

(B) Purchase Price. The purchase price for the Sale Property is $74,750, the purchase price for the Acquisition Property is $1,850, and the purchase price for the Watermain Easement is $2,310. At the Closing (defined below), Purchaser shall pay the City an amount equal to the purchase price of the Sale Property minus the purchase price of the Acquisition Property and the purchase price of the Watermain Easement, which equals $70,590. Purchaser acknowledges that it is familiar with the condition of the Sale Property.

(C) Title to Acquisition Property. Purchaser represents and warrants to the City that (a) it is the sole owner of the fee simple interest in the Acquisition Property; (b) there are no tenants or other third

parties who are entitled to the use or possession of any part of the Acquisition Property (except as otherwise disclosed to the City in writing); and (c) the Acquisition Property is free and clear of all liens and encumbrances whatsoever, except: (i) mortgage liens of record; (ii) easements, restrictions, conditions and covenants of record; (iii) all legal highways; (iv) zoning and building laws, ordinances, rules and regulations; and (v) any and all taxes and assessments not yet due and payable. Purchaser shall assist, in whatever manner reasonably possible under the circumstances as requested by the City, to procure and deliver to the City any releases, assignments or cancellations of any and all other rights, titles and interests in the Acquisition Property, whether attaching to the Acquisition Property prior to or during Purchaser's ownership of the Acquisition Property. Such interests may include, but are not limited to, those belonging to tenants, lessees, mortgagees or others now in possession or otherwise occupying the Acquisition Property, and all tax and assessment claims against the Acquisition Property. Any mortgage or other monetary liens on the Acquisition Property shall be discharged and paid by Purchaser at or before Closing. If the City or Purchaser becomes aware of any title problems affecting the Acquisition Property, Purchaser, at Purchaser's expense, shall promptly take such action as is necessary to clear the title. Between the date of Purchaser's execution of this Agreement and the Closing, Purchaser shall not take any action that affects the title to the Acquisition Property, including, but not limited to conveying any leasehold interests or other interests in the Acquisition Property to any third party or granting any easements, without the City's prior written consent.

(D) Condition and Environmental Representations of Acquisition Property. Purchaser shall convey the Acquisition Property to the City in "as is" condition. Purchaser makes no representations or warranties to the City with respect to the condition of the Acquisition Property. Purchaser is not aware of the existence of any environmental contamination, environmental hazards or other adverse environmental conditions previously or currently affecting the Acquisition Property.

(E) Condition of Sale Property. The City shall convey the Sale Property to Purchaser in "as is" condition. The City makes no representations or warranties to Purchaser with respect to the condition of the Sale Property and, from and after the Closing, the City shall have no liability of any kind to Purchaser for any defects, adverse environmental conditions or any other matters affecting the Sale Property.

2. Closing.

(A) Conditions. The closing on the City's sale of the Sale Property to Purchaser and Purchaser's sale of the Acquisition Property and the Watermain Easement to the City (the "**Closing**") shall not occur unless and until the following conditions have been satisfied (the "**Conditions**"); *provided however*, that if the City, in its sole discretion, determines that one or more of the Conditions would be more appropriately handled at Closing or post-Closing, the City may, if appropriate, include such Conditions in the City's Quitclaim Deed to Purchaser or handle such Conditions post-Closing. Purchaser shall perform all work and investigations and shall obtain and prepare all necessary documents pertaining to the satisfaction of the Conditions, at no cost to the City.

(i) Title & Survey: Purchaser's approval of title to the Sale Property and, if obtained by Purchaser, an ALTA property survey of the Sale Property;

(ii) Inspections, Utilities & Zoning/Building Code Requirements: Purchaser's approval of inspections of the Sale Property, including without limitation environmental assessments and soil assessments, all matters pertaining to utility service for the Sale Property, and all zoning and building code requirements that are applicable to the Sale Property;

(iii) Coordinated Report Conditions (CR #59-2021):

(a) DOTE:

i. Purchaser must revisit the Coordinated Site Review process for re-review and approval of any future development plans. Under such re-review:

1. DOTE will only allow a right in/right out drive which lets out on Ridge Avenue.
2. DOTE will require final approval of the site plan.
3. A DOTE street opening permit, obtained by a DOTE licensed street contractor, is required for all private improvements in the public right-of-way. All improvements in the public right-of-way must be built to City standards, policies and guidelines. Application for permits may be made at Room 425, City Hall, 801 Plum Street. Please note that plan drawings, to be reviewed and approved by DOTE, must be attached to the permit application.

ii. The purchase of the Acquisition Property by the City.

(b) GCWW:

i. GCWW has an existing 48" transmission main located towards the western property line of the Sale Property and Purchaser's Property. To protect the transmission main from future construction, GCWW requires a 10' easement along the western property line of the Sale Property and along the western property line of Purchaser's Property with the following easement restrictions:

1. The full width of the easement area must be accessible at all times for future repair, maintenance and operation purposes.
2. No building, structure or improvements of any kind shall be permitted to be placed or constructed over or upon the easement area.
3. The City of Cincinnati shall not be responsible to any present or future owners of the Sale Property or Purchaser's Property for any damage done within the easement area to sod, shrubbery, landscaping, trees, pavement, roadway improvements or other improvements either natural or artificial whether said improvements are now existing or added in the future, by reason of entering for the purpose of exercising the City's rights under this easement.

4. The City shall not be responsible to any present or future owners of the Sale Property or Purchaser's Property or future owners of property with rights of ingress and egress over the easement area for damages that may result from disruption or denial of rights of ingress and egress or other rights of access by reason of entering for the purpose of constructing, maintaining or replacing the watermain.
5. Grade changes of plus or minus one foot over the full width profile of this easement are not permitted at any time so as not to impact any present or future water works operations.
6. Any building, structure or improvement to be constructed on the Sale Property or Purchaser's Property in which this easement exists, shall be kept not less than three feet from the easement line nearest the site of the proposed building structure or improvement.

ii. If the existing water service branch (H-l18347) on the Sale Property or Purchaser's Property is not to be used for future development, it must be properly disconnected at the owner's expense. Purchaser would be required to complete an online FOD form authorizing removal of the existing water service branch before any new water service can be sold. Purchaser is responsible for contacting OUPS at 1-800-362-2764 at least two full working days prior to the start of work. Purchaser is responsible to make sure of the location and protection of all existing utilities on the site prior to excavation and earthwork, as well as notifying owners of underground utilities not registered with OUPS prior to work. Any damage to existing public water system because of the construction must be repaired at Purchaser's expense and at no cost to GCWW.

(B) Right to Terminate. If either party determines, after exercising reasonable good faith efforts, that any of the Conditions are not or cannot be satisfied within a reasonable period of time, such party shall have the right to terminate this Agreement by giving written notice thereof to the other party, whereupon this Agreement and all rights and obligations of the parties hereunder shall terminate. If all of the Conditions have not been satisfied to the satisfaction of both parties or waived in writing and for that reason the Closing has not occurred within **90 days** after the Effective Date, this Agreement and all rights and obligations of the parties hereunder shall automatically terminate.

(C) Closing Date. Provided the Conditions have been satisfied, the Closing shall take place **30 days** after the Effective Date, or on such earlier or later date as the parties may agree upon.

(D) Closing Costs and Closing Documents. At the Closing, (i) the City shall confirm that Purchaser has paid the Purchase Price in full; (ii) the City shall convey all of its right, title, and interest in and to the Sale Property to Purchaser, with a reserved 10' permanent watermain easement, by *Quitclaim Deed* in the form of Exhibit A; (iii) Purchaser shall convey all of its right, title and interest in and to the Acquisition Property to the City by *General Warranty Deed* in the form of Exhibit D; and (iv) Purchaser shall

convey the Watermain Easement to the City in the form of Exhibit C. Purchaser shall pay all Hamilton County, Ohio recording fees, transfer tax, and any and all other customary closing costs associated with the Sale Property. The City shall pay any and all closing costs associated with the Acquisition Property and the Watermain Easement, except that Purchaser shall pay outside of the Closing its own attorney or other professional service fees incurred in connection with this Agreement, if any. There shall be no proration of real estate taxes and assessments at the Closing, and from and after the Closing, Purchaser shall pay all real estate taxes and assessments thereafter becoming due. At the Closing, the parties shall execute a settlement statement and any and all other customary closing documents that are necessary for the Closing, in such forms as are approved by the City and Purchaser. The City shall not, however, be required to execute a title affidavit at Closing or other similar documents pertaining to title, it being acknowledged by Purchaser that the City is selling the Sale Property "as is." Pursuant to Section 301-20, Cincinnati Municipal Code, at the Closing, Purchaser shall pay to the City any and all unpaid related and unrelated fines, penalties, judgments, water or other utility charges, and any and all other outstanding amounts owed by Purchaser to the City. The provisions of this Agreement shall survive the City's execution and delivery of the *Quitclaim Deed* and Purchaser's execution and delivery of the *General Warranty Deed* and shall not be deemed to have been merged therein.

3. **Notices**. All notices given by the parties hereunder shall be deemed given if personally delivered, delivered by Federal Express, UPS or other recognized overnight courier, or mailed by U.S. regular or certified mail, addressed to the parties at their respective addresses set forth in the introductory paragraph of this Agreement. If Purchaser sends a notice to the City alleging that the City is in default under this Agreement, Purchaser shall simultaneously send a copy of such notice by U.S. certified mail to: City Solicitor, 801 Plum Street, Suite 214, Cincinnati, OH 45202. Notices shall be deemed given on the date of receipt.

4. **Representations, Warranties and Covenants of Purchaser.** Purchaser makes the following representations, warranties and covenants to induce the City to enter into this Agreement:

(i) Purchaser is a corporation duly organized and validly existing under the laws of the United States of America, is authorized to transact business in the State of Ohio, has properly filed all certificates and reports required to be filed by it under the laws of the State of Ohio, and is not in violation of any laws relevant to the transactions contemplated by this Agreement.

(ii) Purchaser has full power and authority to execute and deliver this Agreement and to carry out the transactions provided for herein. This Agreement has, by proper action, been duly authorized, executed and delivered by Purchaser, and all actions necessary have been taken to constitute this Agreement, when executed and delivered, as valid and binding obligations of Purchaser.

(iii) Purchaser's execution, delivery and performance of this Agreement and the transaction contemplated hereby will not violate any applicable laws or any writ or decree of any court or governmental instrumentality or any mortgage, contract, agreement or other undertaking to which

Purchaser is a party or which purports to be binding upon Purchaser or upon any of its assets, nor is Purchaser in violation or default of any of the foregoing.

(iv) There are no actions, suits, proceedings or governmental investigations pending, or to the knowledge of Purchaser threatened against or affecting Purchaser, at law or in equity or before or by any governmental authority.

(v) Purchaser shall give prompt notice in writing to the City of the occurrence or existence of any litigation, labor dispute or governmental proceedings or investigation affecting Purchaser that could reasonably be expected to interfere substantially or materially and adversely to affect its financial condition or its purchase of the Sale Property.

(vi) The statements made in the documentation provided by Purchaser to the City have been reviewed by Purchaser and do not contain any untrue statement of a material fact or omit to state any material fact necessary in order to make such statements in light of the circumstances under which they were made.

(vii) Neither Purchaser, nor any of its affiliates, owe any outstanding fines, penalties, judgments, water or other utility charges or other amounts to the City.

5. General Provisions.

(A) Entire Agreement. This Agreement (including the exhibits hereto) contains the entire agreement between the parties with respect to the subject matter hereof and supersedes any and all prior discussions, negotiations, representations or agreements, written or oral, between them respecting the subject matter hereof.

(B) Amendments. This Agreement may be amended only by a written amendment signed by both parties.

(C) Governing Law. This Agreement shall be governed by and construed in accordance with the laws of the City of Cincinnati and the State of Ohio. All actions regarding this Agreement shall be brought in the Hamilton County Court of Common Pleas and Purchaser agrees that venue in such court is proper. Purchaser hereby waives trial by jury with respect to any and all disputes arising under this Agreement.

(D) Binding Effect. This Agreement shall be binding upon and shall inure to the benefit of and be enforceable by and against the parties and their respective successors and assigns. Purchaser shall not assign its rights or obligations under this Agreement without the prior written consent of the City, which may be withheld in the City's sole discretion, and any attempt to do so without the City's consent shall, at the City's option, render this Agreement null and void.

(E) Captions. The captions of the various sections and paragraphs of this Agreement are not part of the context hereof and are only guides to assist in locating such sections and paragraphs and shall be ignored in construing this Agreement.

(F) Severability. If any part of this Agreement is held by a court of law to be void, illegal or unenforceable, such part shall be deemed severed from this Agreement, and the balance of this Agreement shall remain in full force and effect.

(G) No Third-Party Beneficiaries. The parties hereby agree that no third-party beneficiary rights are intended to be created by this Agreement.

(H) Brokers. Purchaser represents to the City that Purchaser has not dealt with any real estate brokers and agents in connection with its purchase of the Sale Property or the sale of the Acquisition Property.

(I) Official Capacity. All representations, warranties, covenants, agreements and obligations of the City under this Agreement shall be effective to the extent authorized and permitted by applicable law. None of those representations, warranties, covenants, agreements or obligations shall be deemed to be a representation, warranty, covenant, agreement or obligation of any present or future officer, agent, employee or attorney of the City in other than his or her official capacity.

(J) Conflict of Interest. No officer, employee or agent of the City who exercises any functions or responsibilities in connection with the planning or carrying out of the property sale and property purchase shall have any personal financial interest, direct or indirect, in the property sale and property purchase and Purchaser shall take appropriate steps to assure compliance.

(K) Administrative Actions. To the extent permitted by applicable laws, and unless otherwise expressly provided in this Agreement, all actions taken or to be taken by the City under this Agreement may be taken by administrative action and shall not require legislative action of the City beyond the legislative action authorizing the execution of this Agreement.

(L) Counterparts; E-Signature. This Agreement may be executed via electronic signature and in one or more counterparts, each of which shall be deemed an original and all of which taken together shall constitute but one and the same instrument.

6. Exhibits. The following exhibits are attached hereto and made a part hereof:

Exhibit A **–** *Quitclaim Deed - Sale Property*
Exhibit B **–** *Survey Plat*
Exhibit C **–** *Form of Watermain Easement*
Exhibit D – *General Warranty Deed - Acquisition Property*

Executed by the parties on the dates indicated below their respective signatures, effective as of the latest of such dates (the **"Effective Date").**

CINFED FEDERAL CREDIT UNION,
a corporation organized and existing under the laws of the United States of America

By: _____

Printed Name: _____

Title: _____

Date: _____, 2022

[City signatures on the following page]

CITY OF CINCINNATI

By: _____

Printed Name: _____

Title: _____

Date: _____ , 2022

Recommended by:

_____
John Brazina, Director
Department of Transportation and
Engineering

Approved as to Form:

_____
Assistant City Solicitor

Certified Date: _____

Fund/Code: _____

Amount: _____

By: _____
Karen Alder, City Finance Director

EXHIBIT A
to Property Sale Agreement

Quitclaim Deed- Sale Property

[SPACE ABOVE RESERVED FOR RECORDER]

QUITCLAIM DEED

The **CITY OF CINCINNATI**, an Ohio municipal corporation (the "**City**"), for valuable consideration paid, hereby grants and conveys to **CINFED FEDERAL CREDIT UNION**, a corporation organized and existing under the laws of the United States of America, whose tax mailing address is 4801 Kennedy Avenue, Cincinnati, Ohio 45209, ("**Grantee**"), all of the City's right, title and interest in and to the real property described on Exhibit A (*Legal Description*) hereto (the "**Property**").

Property Address:	4700 Ridge Avenue
Auditor's Parcel ID No.:	051-0003-0046-00
Prior instrument reference:	Official Record 12806, Page 1058, Hamilton County, Ohio Records.

(A) Creation of a Greater Cincinnati Water Works Watermain Easement ("GCWW"). The City hereby reserves and creates a 10' wide permanent watermain easement on, under and across the Property, as more particularly described on Exhibit B (*Legal Description - Watermain Easement)* hereto, for the purpose of constructing, installing, reconstructing, operating, maintaining, repairing, replacing, modifying and removing watermains, fixtures, equipment and appurtenances (the "**Water Facilities**"), including the right to enter and re-enter upon the Property to access the easement area and the Water Facilities.

No building structure or improvement of any kind shall be made on the watermain easement which will interfere with access to or operation of the watermain, and the City shall not be responsible to any present or future owners of the Property or present or future owners of property with rights of ingress and egress over the Property for any damage done within said easement area to sod, shrubbery, trees, pavement, roadway improvements or other improvements either natural or artificial whether said improvement is now existing or added in the future by reason of entering on the Property for the purpose of constructing, maintaining, operating, repairing, modifying, replacing or removing the Water Facilities. The City shall not be responsible to any present or future owners of the Property or future owners of property with rights of

ingress and egress over the Property for any damages which result from disruption or denial of said rights of ingress and egress or other rights of access by reason of entering upon the Property for the purpose of constructing, maintaining, operating, repairing, modifying, replacing or removing the Water Facilities. Grade changes of plus or minus one (1) foot over the full width profile of the easement area are not permitted at any time. Any building, structure or improvement to be constructed on the Property, shall be kept not less than three (3) feet from the easement area line nearest the site of the proposed building structure or improvement. The full width easement area must be accessible at all times for future repair, maintenance and operation purposes.

Covenants to "Run with the Land". All of the easements, covenants and restrictions in paragraph (A) above shall "run with the land" and be binding upon Grantee and its successors-in-interest with respect to the Property.

This conveyance was authorized by Ordinance No. [___]-2022, passed by Cincinnati City Council on [____], 2022.

Executed on _____, 2022.

CITY OF CINCINNATI

By: _____

Printed Name: _____

Title: _____

STATE OF OHIO)
) SS:
COUNTY OF HAMILTON)

The foregoing instrument was acknowledged before me this ___ day of _____ , 2022 by _____, the _____ of the City of Cincinnati, an Ohio municipal corporation, on behalf of the municipal corporation. The notarial act certified hereby is an acknowledgment. No oath or affirmation was administered to the signer with regard to the notarial act certified to hereby.

_____
Notary Public:
My commission expires: _____

Approved by:

_____
John Brazina, Director
Department of Transportation and Engineering

Approved as to Form:

_____
Assistant City Solicitor

This instrument prepared by:

City of Cincinnati Law Department,
801 Plum Street, Suite 214,
Cincinnati, Ohio 45202

EXHIBIT A
to Quitclaim Deed
Legal Description-the Property

Situated in the State of Ohio, County of Hamilton, City of Cincinnati, Section 22, Township 4, Fractional Range 2, Between the Miamis, being a remaining 0.1856 acre tract of land located in that tract of land as described in a deed to The City of Cincinnati, of record in Official Record 11711, Page 824 and being a portion of Lot 5 as shown and delineated upon the plat "B.D. Barton's Subdivision", of record in Plat Book 3, Page 183, all references herein being to the records located in the Recorder's Office, Hamilton County, Ohio and being more particularly described as follows;

Beginning for **REFERENCE** in a chiseled "x" found in a stone in the southeasterly corner of Lot 1 of said B.D. Barton's Subdivision; thence
In the easterly line of said Lot 1 and then in the easterly lines of Lot 2 and Lot 3 of said subdivision, said line also being westerly line of said Lot 4 of the "Everson Estate" as recorded in Court of Common Pleas Book 204, Page 50, North 05° 19' 16" East, 253.15 feet to an Iron Pin Set in the proposed northerly right of way line of Ibsen Avenue, said iron pin being the **TRUE PLACE OF BEGINNING** of the tract herein described, thence the following 5 courses:

1. In said proposed northerly right of way line of Ibsen Avenue, North 84° 03′ 25″ West, 161.55 feet to an Iron Pin Set; thence
2. Continuing in said proposed northerly right of way line of Ibsen, North 39° 53′ 10″ West, 32.33 feet to a point, said point being in the existing easterly right of way line of Ridge Avenue; thence
3. In said existing easterly right of way line of Ridge Avenue, North 05° 05′ 23″ East, 22.15 feet to an Iron Pin Set, said iron pin being in the line common to a parcel conveyed to George E. Nace, Jr. by deed recorded in Official Record 8314, Page 58; thence
4. Leaving said existing easterly right of way line of Ridge Avenue and in said line common to Nace, South 84° 23′ 34″ East, 184.58 feet to an Iron Pin Set, said iron pin being in the easterly line of said Lot 5; thence
5. Leaving said line common to Nace and in said easterly line of Lot 5, South 05° 19′ 16″ West, 45.75 feet to the **TRUE PLACE OF BEGINNING.**

Containing **8,084 square feet** or **0.1856 acres**

Bearings herein are based on ties to the City of Cincinnati control monuments 2509 and 2510 as set forth in a plat of survey of record in Plat Book 350, Page 45.

Iron pins set, per recorded plat, consist of a 5/8″ x 30″ rebar with a plastic cap inscribed "M-E COMP S-6872."

This description was prepared by M•E Companies, Civil Engineering Group, Cincinnati, Ohio by Patrick Finn, P.S. No. 7181, per recorded plat, and is based on a field survey performed under the direction of Robert Wynd, P.S. No. 6872, in April, 2008.

EXHIBIT B
to Quitclaim Deed
Legal Description – Watermain Easement

Situate in Section 22, Town 4, Fractional Range 2, Columbia Township, City of Cincinnati, Hamilton County, Ohio and being part of Lot 5 of the B.D. Barton's Subdivision as recorded in Plat Book 3, Page 183 and being part of a tract conveyed to the City of Cincinnati in O.R. 12806, Pg. 1058 and being more particularly described as follows:

Commencing at the intersection of the east line of said Lot 5 and the north line Ibsen Avenue, 80' R/W; thence with the north line of said Ibsen Avenue the following two courses; North 84°03'54" West, 161.55 feet to a point; thence North 39°53'39" West, 18.46 feet to the Place of Beginning; thence continuing with the north line of said Ibsen Avenue, North 39°53'39" West, 13.87 feet to the east line of Ridge Avenue, R/W varies as now improved; thence with the east line of said Ridge Avenue, North 05°04'54" East, 22.15 feet to a point; thence with the north line of said Lot 5, South 84°24'03" East, 10.00 feet to a point; thence South 05°26'20" West, 31.87 feet to the Place of Beginning. Containing 268 square feet of land more or less. Bearings are based on State Plane Coordinates NAD 83 (2011) Subject to all legal highways, easements and restrictions of record. Based on a survey performed under the direction of Douglas C. Spreen II, Ohio Registration Number 8238

EXHIBIT B
to Property Sale Agreement

Survey Plat

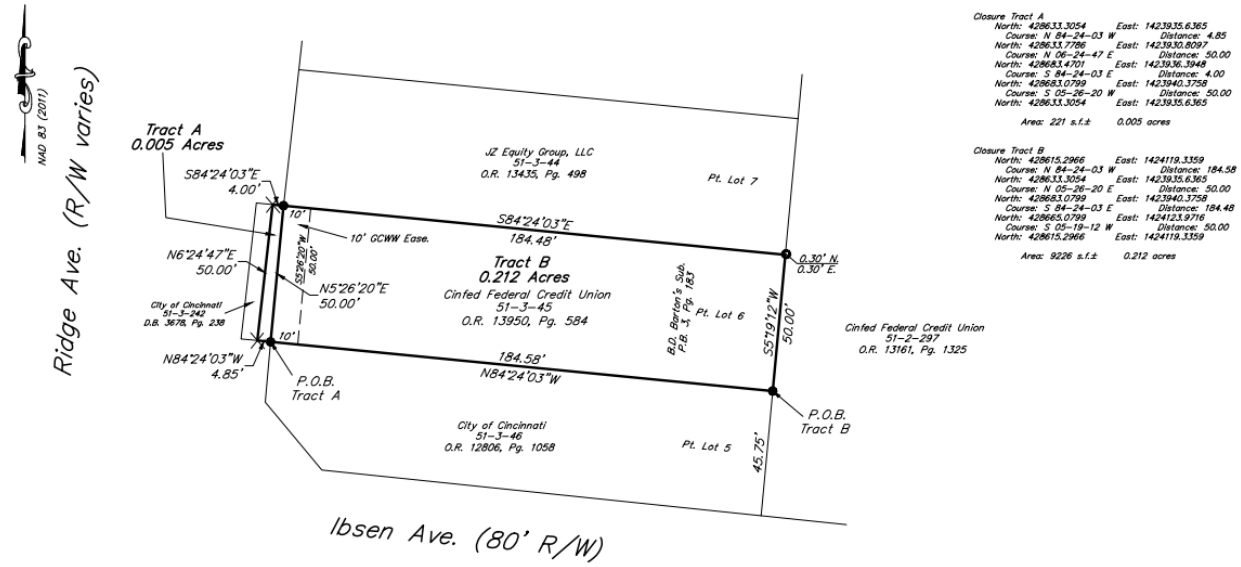


EXHIBIT C
to Property Sale Agreement

Form of Watermain Easement

[SPACE ABOVE FOR RECORDER'S USE]

GRANT OF EASEMENT

(Watermain Easement)

This Grant of Easement is granted as of the Effective Date (as defined on the signature page hereof) by **CINFED FEDERAL CREDIT UNION**, a corporation organized and existing under the laws of the United States of America, whose tax mailing address is 4801 Kennedy Avenue, Cincinnati, OH 45209, ("**Grantor**"), in favor of the **CITY OF CINCINNATI**, an Ohio municipal corporation, with a tax mailing address of 801 Plum Street, Cincinnati, OH 45202 (the "**City**").

Recitals:

A. By virtue of an instrument recorded in OR 13950, Page 584, Hamilton County, Ohio Records, Grantor holds title to certain real property located at 4704 Ridge Avenue, Cincinnati, OH 45209 and identified as Hamilton County Auditor's Parcel No. 051-0003-0045-00 as more particularly described on Exhibit A (*Legal Description – Grantor's Property*) and depicted on Exhibit B (*Survey Plat*) hereto (the "**Grantor's Property**").

B. The City owns an adjoining vacant tract of land in Oakley located at 4700 Ridge Avenue, identified as Hamilton County Auditor's Parcel No. 051-0003-0046-00, as more particularly depicted on Exhibit B hereto, which property the City has agreed to sell to Grantor by Ordinance No. [___]-2022, passed by Cincinnati City Council on [_____], 2022 (the "**City Sale Property**").

C. The City has installed a 48" watermain, including fixtures, equipment, and appurtenances (the "**Water Facilities**") within the Ridge Avenue public right-of-way adjacent to Grantor's Property and, as partial consideration for the sale of the City Sale Property to Grantor, the City has requested Grantor grant a public utility easement on, under and across Grantor's Property for the purpose of constructing, installing,

reconstructing, operating, maintaining, repairing, replacing, modifying and removing the Water Facilities within the adjacent public right-of-way (the "**Watermain Easement**").

D. The City's Real Estate Services Division has determined, by a professional appraisal, that the fair market value of the Watermain Easement is $1,850, which the City has agreed to deduct from the sale price of the City Sale Property.

E. Cincinnati City Council authorized the acceptance of the Watermain Easement by Ordinance No. [__]-2022, passed on [___], 2022.

NOW THEREFORE, the parties do hereby agree as follows:

1. Grant of Easement. Grantor, for valuable consideration paid, hereby grants and conveys to the City, on the terms and conditions set forth herein, for the use and benefit of Greater Cincinnati Water Works, a perpetual utility easement on, under and across the portion of Grantor's Property, as more particularly depicted on Exhibit B and described on Exhibit C (*Legal Description - Watermain Easement*) hereto for the purpose of constructing, installing, reconstructing, operating, maintaining, repairing, replacing, modifying and removing the Water Facilities, including the right to enter and re-enter upon the Watermain Easement to access the Water Facilities.

2. Title. Grantor represents and warrants to the City that to the best of Grantor's knowledge (i) Grantor is the sole owner of the fee simple interest in the Grantor's Property; and (ii) there are no tenants or other third parties who are entitled to the use or possession of the Grantor's Property.

3. Restrictions. No building structure or improvement of any kind shall be made on the Watermain Easement which will interfere with access to or operation of the Water Facilities, and the City shall not be responsible to any present or future owners of the Grantor's Property or present or future owners of property with rights of ingress and egress over the Watermain Easement for any damage done within the Watermain Easement to sod, shrubbery, trees, pavement, roadway improvements or other improvements either natural or artificial whether said improvement is now existing or added in the future by reason of entering on the Watermain Easement for the purpose of constructing, maintaining, operating, repairing, modifying, replacing or removing the Water Facilities. The City shall not be responsible to any present or future owners of the Grantor's Property or future owners of property with rights of ingress and egress over the Watermain Easement for any damages which result from disruption or denial of said rights of ingress and egress or other rights of access by reason of entering upon the Watermain Easement for the purpose of constructing, maintaining, operating, repairing, modifying, replacing or removing the Water Facilities. Grade changes of plus or minus one (1) foot over the full width profile of the Watermain Easement are not permitted at any time. Any building, structure, or improvement to be constructed on the Grantor's Property, shall be kept not less than three (3) feet from the Watermain Easement line nearest the site of

the proposed building structure or improvement. The full-width easement area must be accessible at all times for future repair, maintenance and operation purposes.

4. Covenants Running with the Land. The provisions hereof shall run with the land and shall inure to the benefit of and be binding upon the City, Grantor, and their respective successors-in-interest and assigns.

5. Governing Law; Severability. This instrument shall be governed by and construed in accordance with the laws of the City of Cincinnati and the State of Ohio. If any provisions hereof are determined to be invalid or unenforceable by a court of law, the remainder of this instrument shall not be affected thereby, and all other provisions of this instrument shall be valid and enforceable to the fullest extent permitted by law.

6. Notices. All notices given hereunder shall be in writing and shall be sent by U.S. certified or registered mail, return receipt requested, or delivered by a recognized courier service, or by personal delivery, to the parties at their respective addresses set forth in the introductory paragraph hereof, or such other address as either party may specify from time to time by notice given in the manner prescribed herein. All notices to the City shall be addressed to the Office of the City Manager, and a copy of each such notice shall simultaneously be delivered to: Greater Cincinnati Water Works, Attn: Director, 4747 Spring Grove Avenue, Cincinnati, Ohio 45232. In the event of an alleged breach by the City of this instrument, a copy of each notice of breach shall simultaneously be delivered to the Office of the City Solicitor, 801 Plum Street, Room 214, Cincinnati, OH 45202.

7. Counterparts and Electronic Signatures. This instrument may be executed by the parties hereto in two or more counterparts and each executed counterpart shall be considered an original. This instrument may be executed and delivered by electronic signature; any original signatures that are initially delivered electronically shall be physically delivered as soon as reasonably possible.

8. Exhibits. The following exhibits are attached hereto and made a part hereof:
Exhibit A – *Legal Description - Grantor's Property*
Exhibit B –*Survey Plat*
Exhibit C – *Legal Description - Watermain Easement*

Executed by the parties on the respective date of acknowledgement listed below, effective as the later of such dates (the "**Effective Date**").

CINFED FEDERAL CREDIT UNION,
a corporation organized and existing under
the laws of the United States of America

By: _____

Printed Name: _____

Title: _____

STATE OF OHIO)
) ss:
COUNTY OF HAMILTON)

The foregoing instrument was acknowledged before me this ____ day of _____, 2022 by _____, the _____ of the **CINFED FEDERAL CREDIT UNION**, a corporation organized and existing under the laws of the United States of America, on behalf of the corporation. The notarial act certified hereby is an acknowledgement. No oath or affirmation was administered to the signer with regard to the notarial act certified to hereby.

_____
Notary Public
My commission expires: _____

[*City Signature Page Follows*]

Accepted By:

CITY OF CINCINNATI

By: _____

Printed Name: _____

Title: _____

STATE OF OHIO)
) SS:
COUNTY OF HAMILTON)

The foregoing instrument was acknowledged before me this ___ day of _____ , 2022 by _____, the _____ of the City of Cincinnati, an Ohio municipal corporation, on behalf of the municipal corporation. The notarial act certified hereby is an acknowledgment. No oath or affirmation was administered to the signer with regard to the notarial act certified to hereby.

Approved as to Form by:

_____
Assistant City Solicitor

Exhibit A
to Grant of Easement
Legal Description – Grantor's Property

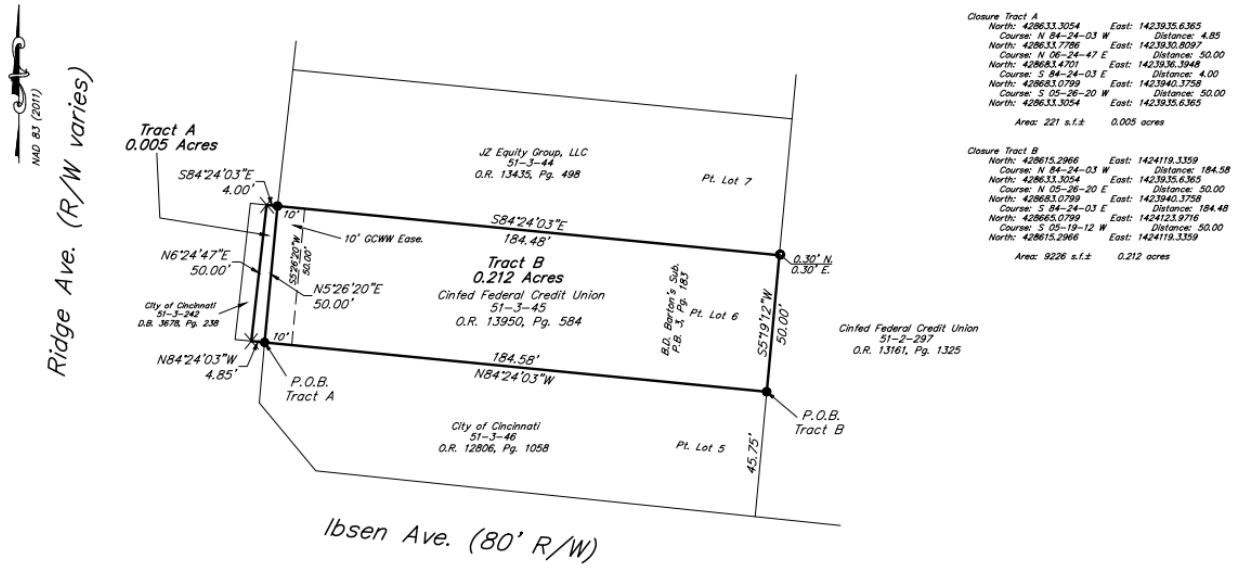
Situate in Section 22, Town 4, Fractional Range 2, Columbia Township, City of Cincinnati, Hamilton County, Ohio and being part of Lot 6 of the B.D. Barton's Subdivision as recorded in Plat Book 3, Page 183 and being part of a tract conveyed to the Cinfed Federal Credit Union in O.R. 13950, Pg. 584 and being more particularly described as follows:

Beginning at a set 5/8" iron pin at the southeast corner of said Lot 6; thence with the south line of said Lot 6, North 84°24'03" West, 184.58 feet to a set 5/8" iron pin; thence with a new division line, North 05°26'20" East, 50.00 feet to a set 5/8" iron pin; thence with the north line of said Lot 6, South 84°24'03" East, 184.48 feet to a point being 0.30 feet south and 0.30 feet west of an existing iron pin; thence South 05°19'12" West, 50.00 feet to the Place of Beginning. Containing 0.212 Acres of land more or less. Bearings are based on State Plane Coordinates NAD 83 (2011) Subject to all legal highways, easements and restrictions of record. Based on a survey performed under the direction of Douglas C. Spreen II, Ohio Registration Number 8238

EXHIBIT B

to Grant of Easement

Survey Plat



Closure Tract A
North: 428633.3054 East: 1423935.6365
Course: N 84-24-03 W Distance: 4.85
North: 428633.7786 East: 1423930.8097
Course: N 06-24-47 E Distance: 50.00
North: 428683.4701 East: 1423936.3948
Course: S 84-24-03 E Distance: 4.00
North: 428683.0799 East: 1423940.3758
Course: S 05-26-20 W Distance: 50.00
North: 428633.3054 East: 1423935.6365

Area: 221 s.f.± 0.005 acres

Closure Tract B
North: 428615.2966 East: 1424119.3359
Course: N 84-24-03 W Distance: 184.58
North: 428633.3054 East: 1423935.6365
Course: N 05-26-20 E Distance: 50.00
North: 428683.0799 East: 1423940.3758
Course: S 84-24-03 E Distance: 184.48
North: 428665.0799 East: 1424123.9716
Course: S 05-19-12 W Distance: 50.00
North: 428615.2966 East: 1424119.3359

Area: 9226 s.f.± 0.212 acres

EXHIBIT C
to Grant of Easement
Legal Description—Watermain Easement

Situate in Section 22, Town 4, Fractional Range 2, Columbia Township, City of Cincinnati, Hamilton County, Ohio and being part of Lot 6 of the B.D. Barton's Subdivision as recorded in Plat Book 3, Page 183 and being part of a tract conveyed to the Cinfed Federal Credit Union in O.R. 13950, Pg. 584 and being more particularly described as follows:

Commencing at the southeast corner of said Lot 6; thence with the south line of said Lot 6, North 84°24'03" West, 174.58 feet to the Place of Beginning; thence continuing with the south line of said Lot 6, North 84°24'03" West, 10.00 feet to a point; thence North 05°26'20" East, 50.00 feet to a point; thence with the north line of said Lot 6, South 84°24'03" East, 10.00 feet to a point; thence South 05°26'20" West, 50.00 feet to the Place of Beginning. Containing 500 square feet of land more or less. Bearings are based on State Plane Coordinates NAD 83 (2011) Subject to all legal highways, easements and restrictions of record. Based on a survey performed under the direction of Douglas C. Spreen II, Ohio Registration Number 8238

EXHIBIT D
to Property Sale Agreement

General Warranty Deed- Acquisition Property

GENERAL WARRANTY DEED

CINFED FEDERAL CREDIT UNION, a corporation organized and existing under the laws of the United States of America ("*Grantor*"), for valuable consideration paid, grants, with general warranty covenants, to the **CITY OF CINCINNATI**, an Ohio municipal corporation (the "*City*"), the tax-mailing address of which is 801 Plum Street, Cincinnati, OH 45202, that certain real property located in Hamilton County, Ohio that is more particularly described in Exhibit A attached to this deed and incorporated in it (the "*Property*"):

Property Address:	Part of 4704 Ridge Avenue
Auditor's Parcel ID No.:	Part of 051-0003-0045-00
Prior instrument reference:	O.R. 13950, Page 584, Hamilton County, Ohio Records.

Excepted from the foregoing general warranty covenants are: (i) easements, covenants and restrictions of records; (ii) taxes and assessments not yet due and payable; (iii) legal highways and rights of way; and (iv) matters of zoning.

The City's acquisition of the Property was authorized by Ordinance No. [_____], passed by Cincinnati City Council on [_____], 2022.

[*SIGNATURES TO FOLLOW*]

[*SIGNATURE PAGE*]

Executed on _____, 2022.

CINFED FEDERAL CREDIT UNION,
a corporation organized and existing under the laws of the United States of America

By: _____

Name: _____

Title: _____

STATE OF OHIO)
) SS.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this ____ day of _____, 2021, by _____, the _____ of CINFED FEDERAL CREDIT UNION, a corporation organized and existing under the laws of the United States of America, on behalf of the corporation. This certificate relates to an acknowledgment in connection with which, no oath or affirmation was administered to the document signer.

SEAL:

Signed: _____
Printed or Typed Name: _____
My Commission expires: _____
My county of residence: _____
Commission number: _____

[CITY'S SIGNATURE PAGE FOLLOWS]

Accepted by:

CITY OF CINCINNATI,
an Ohio Municipal corporation

By: _____

Name: _____

Title: _____

STATE OF OHIO)
) SS.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this ____ day of _____, 2021, by _____, the _____ of the CITY OF CINCINNATI, an Ohio municipal corporation, on behalf of the corporation. This certificate relates to an acknowledgment in connection with which, no oath or affirmation was administered to the document signer.

SEAL:

Signed: _____
Printed or Typed Name: _____
My Commission expires: _____
My county of residence: _____
Commission number: _____

Approved as to Form:

_____
Assistant City Solicitor

This instrument prepared by:
Luke Blocher, Esq.
Taft Stettinius & Hollister LLP
425 Walnut Street, Suite 1800
Cincinnati, Ohio 45202

EXHIBIT A
LEGAL DESCRIPTION

Situate in Section 22, Town 4, Fractional Range 2, Columbia Township, City of Cincinnati, Hamilton County, Ohio and being part of Lot 6 of the B.D. Barton's Subdivision as recorded in Plat Book 3, Page 183 and being part of a tract conveyed to the Cinfed Federal Credit Union in O.R. 13950, Pg. 584 and being more particularly described as follows:

Commencing at the southeast corner of said Lot 6; thence with the south line of said Lot 6, North 84°24'03" West, 184.58 feet to a set 5/8" iron pin being the Place of Beginning; thence continuing with the south line of said Lot 6, North 84°24'03" West, 4.85 feet to a set cross notch; thence with the east line of a tract conveyed to the City of Cincinnati in D.B. 3678, Pg. 238, North 06°24'47" East, 50.00 feet to a set cross notch; thence with the north line of said Lot 6, South 84°24'03" East, 4.00 feet to a set 5/8" iron pin; thence with a new division line South 05°26'20" West, 50.00 feet to the Place of Beginning. Containing 0.005 Acres of land more or less. Bearings are based on State Plane Coordinates NAD (2011). Subject to all legal highways, easements and restrictions of record. Based on a survey performed under the direction of Douglas C. Spreen II, Ohio Registration Number 8238.

city of CINCINNATI
Interdepartment Correspondence Sheet

Date: September 8, 2022

To: Mayor and Members of City Council 202201742

From: Sheryl M. M. Long, City Manager

Subject: ORDINANCE – MARSHALL AT CENTRAL, LLC PROPERTY SALE AGREEMENT

Attached is an ordinance captioned as follows:

> **AUTHORIZING** the City Manager to execute a *Property Sale Agreement* with Marshall at Central, LLC, pursuant to which the City will vacate and convey certain real property designated as public right-of-way known as Hallmar Avenue in the CUF neighborhood of Cincinnati.

The City of Cincinnati owns certain real property designated as public right-of-way, namely Hallmar Avenue in the CUF neighborhood (the "Property"), which is under the management and control of the City's Department of Transportation and Engineering ("DOTE").

Marshall at Central, LLC ("Petitioner") desires to purchase the Property from the City to facilitate the construction of a four-story multi-family structure on Petitioner's adjoining real property.

The City Manager, upon consultation with DOTE, has determined that the Property is not needed for transportation or any other municipal purpose, that there is good cause to sell the Property, and that such sale will not be detrimental to the general interest.

The approximate fair market value of the Property is $96,000, which Petitioner has agreed to pay.

The City Planning Commission approved the sale of the Property at its meeting on February 4, 2022.

The Administration recommends passage of the attached ordinance.

Attachment I – Property Sale Agreement

cc: John S. Brazina, Director, Transportation and Engineering

City of Cincinnati

CHM

EESW

An Ordinance No. _____ - 2022

AUTHORIZING the City Manager to execute a *Property Sale Agreement* with Marshall at Central, LLC, pursuant to which the City will vacate and convey certain real property designated as public right-of-way known as Hallmar Avenue in the CUF neighborhood of Cincinnati.

WHEREAS, the City owns certain real property designated as public right-of-way, namely, an approximately 0.387-acre tract of Hallmar Avenue in the CUF neighborhood, as more particularly depicted and described in the *Property Sale Agreement* attached to this ordinance as Attachment A and incorporated herein by reference ("Property"), which Property is under the management of the City's Department of Transportation and Engineering ("DOTE"); and

WHEREAS, Marshall at Central, LLC, an Ohio limited liability company ("Petitioner"), owns the real property abutting the Property and has petitioned the City to vacate and sell the Property to facilitate the construction of a four-story multi-family structure totaling approximately 105,000 gross square feet, a private clubhouse, and a surface parking lot on Petitioner's property (the "Project"); and

WHEREAS, Richard C. Spoor, Esq., a reputable attorney practicing in Hamilton County, Ohio, has certified that Petitioner owns all real property abutting the Property; and

WHEREAS, pursuant to Ohio Revised Code Sec. 723.04, the City may, upon petition, vacate a street or alley if it has determined that there is good cause for the vacation and that the vacation will not be detrimental to the general interest; and

WHEREAS, pursuant to Section 331-1, Cincinnati Municipal Code, the City may sell real property that is not needed for municipal purposes; and

WHEREAS, the City Manager, in consultation with DOTE, has determined that: (i) the Property is not needed for transportation purposes or any other municipal purpose; (ii) there is good cause to vacate the Property; and (iii) the vacation of the Property will not be detrimental to the general interest; and

WHEREAS, the City's Real Estate Services Division has determined, by a professional appraisal, that the fair market value of the Property is approximately $96,000, which Petitioner has agreed to pay; and

WHEREAS, pursuant to Cincinnati Municipal Code Section 331-5, Council may authorize the sale of City-owned real property without competitive bidding in those cases in which it determines that it is in the best interest of the City, and eliminating competitive bidding in connection with the City's sale of the Property is appropriate because Petitioner owns all real

property abutting the Property, and as a practical matter, no one other than an abutting property owner would have any use for it; and

WHEREAS, Section 13 of Article VIII of the Ohio Constitution provides that to create or preserve jobs and employment opportunities and to improve the economic welfare of the people of the State, it is a public interest and proper public purpose for the State or its political subdivisions to acquire, construct, enlarge, improve, or equip and to sell, lease, exchange, or otherwise dispose of property within the State of Ohio for industry, commerce, distribution, and research; and

WHEREAS, Section 16 of Article VIII of the Ohio Constitution provides that it is in the public interest and a proper public purpose for the City to enhance the availability of adequate housing and to improve the economic and general well-being of the people of the City by providing or assisting in providing housing; and

WHEREAS, in furtherance of the foregoing public purposes, the City believes that the Project is in the vital and best interests of the City and the health, safety, and welfare of its residents, and is in accordance with applicable state and local laws; and

WHEREAS, the City Planning Commission, having the authority to approve the change in the use of City-owned property, approved the vacation and sale of the Property at its regularly scheduled meeting on February 4, 2022; now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That the City Manager is hereby authorized to execute a *Property Sale Agreement* with Marshall at Central, LLC, an Ohio limited liability company ("Petitioner"), in substantially the form attached to this ordinance as Attachment A and incorporated herein by reference, pursuant to which the City of Cincinnati ("City") will vacate and convey to Petitioner an approximately 0.387-acre tract of Hallmar Avenue in the CUF neighborhood, as more particularly depicted and described in the *Property Sale Agreement* (the "Property"), which Property is more particularly described as follows:

> Situate in Section 20, Town 3, Fractional Range 2, City of Cincinnati, Hamilton County, Ohio, and being part of Lots 1, 2, and 3 of A.J. Riddle's Subdivision of Lot 53 as recorded in Plat book 2, Page 41, and being more fully described as follows:

Beginning at an iron pin set and being at a wall corner at the intersection of the south right-of-way line of Marshall Avenue, and the northwesterly right-of-way line of Hallmar Avenue, and being the northeast corner of Tract XIII owned by Marshall at Central, L.L.C. as described in Official Record 13324, Page 2476;

thence, South 84°10'50" East, 6.27 feet, to a cut cross set;

thence, South 37°38'21" East, 72.49 feet, to a cut cross set on the west right-of-way line of West McMicken Avenue and being the northeast corner of Tract XIII owned by Marshall at Central, L.L.C. as described in Official Record 13324, Page 2476;

thence, North 75°32'30" West, 16.64, along the north line of said Tract XII owned by Marshall at Central, L.L.C. to an iron pin set and being the northwest corner of said Tract XII;

thence, South 37°16'55" West, 127.10 feet, along the west line of said Tract XII owned by Marshall at Central, L.L.C. to an iron pin set;

thence, South 37°16'39" West, 88.23 feet, along the west line of said Tract XII owned by Marshall at Central, L.L.C. to an iron pin set;

thence, South 34°22'05" West, 56.35 feet, along the west line of said Tract XII owned by Marshall at Central, L.L.C. to an iron pin set;

thence, South 21°31'45" West, 51.37 feet, along the west line of said Tract XII owned by Marshall at Central, L.L.C. to an iron pin set;

thence, North 09°24'07" East, 52.19 feet, to a cut cross set;

thence, North 00°09'22" West, 36.87 feet, to a Mag nail set;

thence, North 03°43'42" West, 63.94 feet, to an iron pin set;

thence, North 07°45'59" West, 19.96 feet, to an iron pin found on the east right-of-way of Central Parkway and being the southwest corner of said Tract XIII owned by Marshall at Central, L.L.C. to an iron pin set;

thence, South 81°04'22" East, 29.65 feet, along the south line of said Tract XIII owned by Marshall at Central, L.L.C. to an iron pin set;

thence, North 37°16'38" East, 191.25 feet, along the east line of said Tract XIII owned by Marshall at Central, L.L.C. to an iron pin set and being the point of beginning.

Containing 0.387 acres more or less with all being subject to any legal highway and easements of record.

The bearings are based on NAD 83 CORS 2011 adjustment, Ohio South Zone, ODOT VRS CORS Network. The above description was prepared by Allen J. Bertke, Ohio Professional Surveyor Number 8629, based on a field survey performed under his direct supervision and dated November 23, 2021, all iron pins set are 5/8" x 30" rebar with caps reading "CHOICE ONE ENGR-AJB PS 8629."

Section 2. That the Property is not needed for transportation or other municipal purposes, that there is good cause to vacate and sell the Property, and that such vacation and sale will not be detrimental to the general interest.

Section 3. That the City's Real Estate Services Division has determined, by professional appraisal, the fair market value of the Property is approximately $96,000, which Petitioner has agreed to pay.

Section 4. That eliminating competitive bidding in connection with the City's sale of the Property is in the best interest of the City because Petitioner owns all real property that abuts the Property; and, as a practical matter, no one other than an abutting property owner would have any use for the Property.

Section 5. That the proceeds from the sale of the Property, if any, shall be deposited into Property Management Fund 209 to pay the fees for services provided by the City's Real Estate Services Division in connection with the sale, and that the City's Finance Director is hereby authorized to deposit amounts in excess amount thereof into Miscellaneous Permanent Improvement Fund 757.

Section 6. That the City's Finance Director is hereby authorized to transfer and appropriate such excess funds from Miscellaneous Permanent Improvement Fund 757 into Capital Improvement Program Project Account No. 980x233xYY2306, "Street Improvements,"

in which "YY" represents the last two digits of the fiscal year in which the closing occurs and the proceeds are received, referencing the latter fiscal year if the events occur in different fiscal years.

Section 7. That, pursuant to Ohio Revised Code Sec. 723.041, any affected public utility shall be deemed to have a permanent easement in the Property for the purpose of maintaining, operating, renewing, reconstructing, and removing its utility facilities and for purposes of access to said facilities.

Section 8. That the City Manager and other City officials are hereby authorized to take all necessary and proper actions to carry out the provisions of this ordinance and the *Property Sale Agreement*; including, without limitation, executing any and all ancillary agreements, deeds, plats, or other documents described in or contemplated by the *Property Sale Agreement* to facilitate the vacation and sale of the Property to Petitioner.

Section 9. That the City Solicitor shall cause an authenticated copy of this ordinance to be duly recorded in the Hamilton County, Ohio Recorder's Office.

Section 10. That this ordinance shall take effect and be in force from and after the earliest period allowed by law.

Passed:_____, 2022

_____
Aftab Pureval, Mayor

Attest: _____
Clerk

ATTACHMENT A

Contract No._____
Property: Hallmar Avenue

PROPERTY SALE AGREEMENT

This Property Sale Agreement (this "**Agreement**") is made and entered into on the Effective Date (as defined on the signature page hereof) by and between the **CITY OF CINCINNATI**, an Ohio municipal corporation, the address of which for purposes of this Agreement is 801 Plum Street, Cincinnati, OH 45202 (the "**City**") and **MARSHALL AT CENTRAL, LLC**, an Ohio limited liability company, whose tax mailing address is 1008 Marshall Avenue, Cincinnati, OH 45225 ("**Purchaser**").

Recitals:

A. The City owns certain real property designated as public right-of-way known as Hallmar Avenue in the CUF neighborhood of Cincinnati, Ohio, as more particularly described on Exhibit A (*Legal Description- the Sale Property*) hereto (the "**Sale Property**"), which Sale Property is under the management of the City's Department of Transportation and Engineering ("**DOTE**").

B. Purchaser owns certain real property adjoining the Sale Property, as depicted on Exhibit B (*Vacation Plat*) hereto ("**Purchaser's Property**"), and desires to purchase from the City the Sale Property to consolidate said Sale Property with Purchaser's Property to facilitate the construction of a four-story multi-family structure, totaling approximately 105,000 gross square feet, clubhouse with private commercial and recreational uses, and surface parking lot.

C. Pursuant to Chapter 723 of the Ohio Revised Code, the legislative authority of a municipal corporation may convey the fee simple estate or other interest in land used for streets and alleys if it has determined that the property is not needed for municipal purposes.

D. The City has determined that the Sale Property is not needed for transportation or other municipal purpose and that the sale of the Sale Property will not be detrimental to the public interest.

E. Richard C. Spoor, Esq., a reputable attorney practicing in Hamilton County, Ohio, has certified that Purchaser owns all the real property abutting the Sale Property.

F. The City's Real Estate Services Division has determined, by a professional appraisal, that the fair market value of the Sale Property is $96,000, which Purchaser has agreed to pay.

G. The City has determined that eliminating competitive bidding in connection with the City's sale of the Sale Property is justified because Purchaser owns all real property abutting the Sale Property, and as a practical matter, no one other than an abutting property owner would have any use for it.

H. Section 13 of Article VIII of the Ohio Constitution provides that, to create or preserve jobs and employment opportunities and to improve the economic welfare of the people of the State, it is a public interest and proper public purpose for the State or its political subdivisions to sell, lease, exchange, or otherwise dispose of property within the State of Ohio for industry, commerce, distribution, and research.

I. Section 16 of Article VIII of the Ohio Constitution provides that it is in the public interest and a proper public purpose for the City to enhance the availability of adequate housing and to improve the economic and general well-being of the people of the City by providing or assisting in providing housing.

J. City Planning Commission, having the authority to approve the change in the use of City-owned property, approved the sale of the Sale Property to Purchaser at its meeting on February 4, 2022.

K. Execution of this Agreement was authorized by Cincinnati City Council by Ordinance No.

[___]-2022, passed on [_____], 2022.

NOW, THEREFORE, the parties agree as follows:

1. Purchase Price. Subject to the terms and conditions set forth herein, the City hereby agrees to sell the Sale Property to Purchaser, and Purchaser hereby agrees to purchase the Sale Property from the City for $96,000.00 (the "**Purchase Price**"). Purchaser acknowledges that it is familiar with the condition of the Sale Property, and, at Closing (as defined below), the City shall convey the Sale Property to Purchaser in "as is" condition. The City makes no representations or warranties to Purchaser with respect to the condition of the Sale Property and, from and after the Closing, the City shall have no liability of any kind to Purchaser for any defects, adverse environmental condition, or any other matters affecting the Sale Property.

2. Closing.

(A) Conditions. The closing on the City's sale of the Sale Property to Purchaser (the "**Closing**") shall not occur unless and until the following conditions have been satisfied or waived (the "**Conditions**"); *provided however*, that if the City, in its sole discretion, determines that one or more of the Conditions would be more appropriately handled at Closing or post-Closing, the City may, if appropriate, include such Conditions in the City's Quitclaim Deed to Purchaser or handle such Conditions post-Closing. Purchaser shall perform all work and investigations and shall obtain and prepare all necessary documents pertaining to the satisfaction of the Conditions, at no cost to the City.

(i) Title & Survey: Purchaser's approval of title to the Sale Property and, if obtained by Purchaser, an ALTA property survey of the Sale Property;

(ii) Inspections, Utilities & Zoning/Building Code Requirements: Purchaser's approval of inspections of the Sale Property, including, without limitation, environmental assessments and soil assessments, all matters pertaining to utility service for the Sale Property, and all zoning and building code requirements that are applicable to the Sale Property;

(iii) Plats, Legal Descriptions and Deed: Purchaser shall have provided the City with all plats and legal descriptions as required by DOTE, the Department of City Planning and Engagement, and the Hamilton County Auditor and Recorder in connection with the City's sale of the Sale Property, including, but not limited to: [x] an acceptable deed of record evidencing Purchaser as the vested legal owner as to Purchaser's Property; [y] an acceptable survey plat and legal description with closure of the Sale Property to accompany the transfer and recording of the Quitclaim Deed in substantially the form attached as Exhibit C – (*Form of Quitclaim Deed – Sale Property*); and [z] an acceptable survey plat and legal description with closure to consolidate the Sale Property with Purchaser's Property immediately after recording of the *Quitclaim Deed – Sale Property* in substantially the form attached as Exhibit D (*Consolidation Plat – Sale Property and Purchaser's Property)*;

(iv) Coordinated Report Conditions (CR #72-2021):

(a) DOTE:

1. [intentionally omitted]

2. The existing utilities must be granted easements or relocated at Purchaser's expense.

3. [Intentionally omitted]

4. No Auditor's parcels shall be landlocked by this vacation/sale. If possible, potential landlocked parcels should be consolidated with parcels having legal street frontage.

5. The Purchaser is required, at their expense, to provide the City with an acceptable legal description for the sale area that meets the recordable standards of the Hamilton County Recorder's Office.

6. Central Parkway and McMicken Avenue must be finished at Hallmar Avenue intersections, with a curb, sidewalk, and/or drive approach in accordance with City standards, or an approved plan.

7. A DOTE street opening permit, obtained by a DOTE licensed street contractor, is required for all private improvements in the public right-of-way. All improvements in the public right-of-way must be built to City standards, policies and guidelines. Application for permits may be made at Room 425, City Hall, 801 Plum Street. Please note that plan drawings (2 sets), to be reviewed by DOTE, must be attached to the permit application.

(b) Metropolitan Sewer District of Greater Cincinnati ("MSD"):

1. The MSD Request for Availability of Sewer Service (RASS) will be required for a future development or redevelopment project. The MSD RASS will determine the availability of a sewer and outline any additional MSD project requirements that could impact a project schedule if not considered early in project conceptual planning. Such considerations may include the need to obtain any MSD tap permits, easements, Ohio EPA Permit to Install, utilization of licensed and bonded sewer tappers with MSD, sewer inspection scheduling, project on-site separation of flow requirements, MSD Excavation/Fill permitting and bonding, MSD storm water detention requirements, need for a grease interception system, and/or a reminder for the project to coordinate with City of Cincinnati Stormwater Management Utility (SMU) for their specific storm water, erosion control, and storm water detention requirements. To date, at least three MSD Conditional Availability of Sewers Letters have been issued by MSD addressing three RASSs: CMD2100145 and CMD2100143 dated July 30, 2021 and CMD2100144 dated August 31, 2021. Sewer availability for at least one parcel (0098-0002-0027) within the project area (approximately in the Area of Bldg 3) has not been received. Based on information provided in CR 72, information and estimates provided for CMD2100143-145 addressing the previously submitted RASSs should be resubmitted if the project is presently being rescoped and if any additional parcels are being included or removed from the current project scope as currently understood by MSD.

2. The RASS(s) may require a MSD Excavation/Fill permit as well as bond necessary for any construction, construction traffic, earthwork, or any other construction activity over existing sewers, including site preparation activities such as geotechnical investigations and demolition of buildings in which existing sewers are located. Additional requirements will be established by the MSD E/F permit (such as verification and usage of existing or abandoned building services or connections to existing sewers through dye testing, pre- and post-demolition, or construction CCTVing, etc). No additional loading may be exerted on existing MSD sewers as the result of proposed structures and geotechnical/structural design calculations will be required for MSD review. Information concerning MSD E/F permits may be found in Section

406 of the MSD Rules and Regulations at the following link provided at msdgc.org: http://msdgc.org/downloads/about_msd/msd-rules-regulations/rules_and_regulations.pdf.

3. A 30' wide minimum permanent sewer easement will be necessary centered on existing sewers that traverse the project site. The permanent sewer easement will be necessary for access, operations, and maintenance of the existing public sewers and manholes that are to remain in operation. Note, an additional 3' on either side of the permanent easement will be required, along with other MSD easement restrictions, as outlined per MSD Rules and Regulations Section 207. No structure which can interfere with the access to the public sewer or can exert loading upon a public sewer per MSD Rules and Regulations Section 206. Information concerning Sections 206 and 207 may be found at the following link provided at msdgc.org: http://msdgc.org/downloads/about_msd/msd-rules-regulations/rules_and_regulations.pdf.

4. Project coordination and acceptance by City of Cincinnati Public Works, DOTE, and/or SMU that the removal of their earlier project from the MSD's combined sewer system does not impact their department's respective functional and design project requirements and is acceptable for removal.

(c) SMU: There is stormwater infrastructure at the south end of Hallmar near Central Pkwy that will need to be filled, sealed, and abandoned.

(d) Duke Energy: Duke Energy requires an easement for existing facilities located on, above, or under the Sale Property.

(e) Altafiber: Altafiber requires an easement for existing facilities located on the Sale Property. Such facilities must remain in place, in service and able to be accessed. Any damage done to the facilities, or any work done to relocate the facilities as a result as of this request will be handled entirely at the property owner's expense.

(B) Right to Terminate. If either party determines, after exercising good faith efforts, that any of the Conditions are not or cannot be satisfied within a reasonable period, such party shall have the right to terminate this Agreement by giving written notice thereof to the other party, whereupon this Agreement and all rights and obligations of the parties hereunder shall terminate. If all the Conditions have not been satisfied to the satisfaction of both parties or waived in writing and for that reason the Closing has not occurred within **90 days** after the Effective Date, this Agreement and all rights and obligations of the parties hereunder shall automatically terminate.

(C) Closing Date. Provided the Conditions have been satisfied, the Closing shall take place **30 days** after the Effective Date, or on such earlier or later date as the parties may agree upon.

(D) Closing Costs and Closing Documents. At the Closing, (i) the City shall confirm that Purchaser has paid the Purchase Price in full, and (ii) the City shall convey all its right, title, and interest in and to the Sale Property to Purchaser by *Quitclaim Deed* in the form of Exhibit C. Purchaser shall pay all Hamilton County, Ohio recording fees, transfer tax, and any and all other customary closing costs associated with the Closing. There shall be no proration of real estate taxes and assessments at Closing, and from and after the Closing, Purchaser shall pay all real estate taxes and assessments thereafter becoming due. At Closing, the parties shall execute a settlement statement and all other customary closing documents that are necessary for the Closing, in such forms as are approved by the City. The City shall not however be required to execute a title affidavit at Closing or other similar documents pertaining to title, it being acknowledged by Purchaser that the City is selling the Property "as is." Pursuant to Section 301-20, Cincinnati Municipal Code, at Closing, Purchaser shall pay to the City all

unpaid related and unrelated fines, penalties, judgments, water, or other utility charges, and any and all other outstanding amounts owed by Purchaser to the City. The provisions of this Agreement shall survive the City's execution and delivery of the *Quitclaim Deed* and shall not be deemed to have been merged therein.

3. **Notices**. All notices given by the parties hereunder shall be deemed given if personally delivered, delivered by Federal Express, UPS, or other recognized overnight courier, or mailed by U.S. regular or certified mail, addressed to the parties at their respective addresses set forth in the introductory paragraph of this Agreement. If Purchaser sends a notice to the City alleging that the City is in default under this Agreement, Purchaser shall simultaneously send a copy of such notice by U.S. certified mail to: City Solicitor, 801 Plum Street, Suite 214, Cincinnati, OH 45202. Notices shall be deemed given on the date of receipt.

4. **Representations, Warranties, and Covenants of Purchaser.** Purchaser makes the following representations, warranties and covenants to induce the City to enter into this Agreement:

(i) Purchaser is an Ohio limited liability company duly organized and validly existing under the laws of the State of Ohio, is authorized to transact business in the State of Ohio, has properly filed all certificates and reports required to be filed by it under the laws of the State of Ohio, and is not in violation of any laws relevant to the transactions contemplated by this Agreement.

(ii) Purchaser has full power and authority to execute and deliver this Agreement and to carry out the transactions provided for herein. This Agreement has by proper action been duly authorized, executed and delivered by Purchaser, and all actions necessary have been taken to constitute this Agreement, when executed and delivered, valid and binding obligations of Purchaser.

(iii) Purchaser's execution, delivery, and performance of this Agreement and the transaction contemplated hereby will not violate any applicable laws, or any writ or decree of any court or governmental instrumentality, or any mortgage, contract, agreement, or other undertaking to which Purchaser is a party or which purports to be binding upon Purchaser or upon any of its assets, nor is Purchaser in violation or default of any of the foregoing.

(iv) There are no actions, suits, proceedings, or governmental investigations pending, or to the knowledge of Purchaser, threatened against or affecting Purchaser, at law or in equity or before or by any governmental authority.

(v) Purchaser shall give prompt notice in writing to the City of the occurrence or existence of any litigation, labor dispute or governmental proceedings or investigation affecting Purchaser that could reasonably be expected to interfere substantially or materially and adversely affect its financial condition or its purchase of the Sale Property.

(vi) The statements made in the documentation provided by Purchaser to the City have been reviewed by Purchaser and do not contain any untrue statement of a material fact or omit to state any material fact necessary in order to make such statements, in light of the circumstances under which they were made, not misleading.

(vii) Neither Purchaser, nor any of its affiliates, owe any outstanding fines, penalties, judgments, water or other utility charges or other amounts to the City.

5. **General Provisions**.

(A) Entire Agreement. This Agreement (including the exhibits hereto) contains the entire agreement between the parties with respect to the subject matter hereof and supersedes any and all prior discussions, negotiations, representations or agreements, written or oral, between them respecting the subject matter hereof.

(B) Amendments. This Agreement may be amended only by a written amendment signed by both parties.

(C) Governing Law. This Agreement shall be governed by and construed in accordance with the laws of the City of Cincinnati and the State of Ohio. All actions regarding this Agreement shall be brought in the Hamilton County Court of Common Pleas, and Purchaser agrees that venue in such court is proper. Purchaser hereby waives trial by jury with respect to any and all disputes arising under this Agreement.

(D) Binding Effect. This Agreement shall be binding upon and shall inure to the benefit of and be enforceable by and against the parties and their respective successors and assigns. Purchaser shall not assign its rights or obligations under this Agreement without the prior written consent of the City, which may be withheld in the City's sole discretion, and any attempt to do so without the City's consent shall, at the City's option, render this Agreement null and void.

(E) Captions. The captions of the various sections and paragraphs of this Agreement are not part of the context hereof and are only guides to assist in locating such sections and paragraphs and shall be ignored in construing this Agreement.

(F) Severability. If any part of this Agreement is held by a court of law to be void, illegal or unenforceable, such part shall be deemed severed from this Agreement, and the balance of this Agreement shall remain in full force and effect.

(G) No Third-Party Beneficiaries. The parties hereby agree that no third-party beneficiary rights are intended to be created by this Agreement.

(H) Brokers. Purchaser represents to the City that Purchaser has not dealt with any real estate brokers and agents in connection with its purchase of the Sale Property.

(I) Official Capacity. All representations, warranties, covenants, agreements, and obligations of the City under this Agreement shall be effective to the extent authorized and permitted by applicable law. None of those representations, warranties, covenants, agreements, or obligations shall be deemed to be a representation, warranty, covenant, agreement, or obligation of any present or future officer, agent, employee or attorney of the City in other than his or her official capacity.

(J) Conflict of Interest. No officer, employee, or agent of the City who exercises any functions or responsibilities in connection with the planning or carrying out of the property sale shall have any personal financial interest, direct or indirect, in the property sale, and Purchaser shall take appropriate steps to assure compliance.

(K) Administrative Actions. To the extent permitted by applicable laws, and unless otherwise expressly provided in this Agreement, all actions taken or to be taken by the City under this Agreement may be taken by administrative action and shall not require legislative action of the City beyond the legislative action authorizing the execution of this Agreement.

(L) Counterparts; E-Signature. This Agreement may be executed via electronic signature and in one or more counterparts, each of which shall be deemed an original and all of which taken together shall constitute but one and the same instrument.

6. Exhibits. The following exhibits are attached hereto and made a part hereof:

Exhibit A – *Legal Description -the Sale Property*
Exhibit B – *Site Survey*
Exhibit C – *Form of Quit Claim Deed*

Executed by the parties on the dates indicated below their respective signatures, effective as of the latest of such dates (the **"Effective Date"**).

MARSHALL AT CENTRAL, LLC,
an Ohio limited liability company

By: _____

Printed Name: _____

Title: _____

Date: _____, 2022

[City signatures on the following page]

CITY OF CINCINNATI

By: _____

Printed Name: _____

Title: _____

Date: _____, 2022

Recommended by:

_____
John Brazina, Director
Department of Transportation and
Engineering

Approved as to Form:

_____
Assistant City Solicitor

Certified Date: _____

Fund/Code: _____

Amount: _____

By: _____
Karen Alder, City Finance Director

EXHIBIT A
to Property Sale Agreement

Legal Description - the Sale Property

Auditor's Parcel No.: None
Property Address: None; Hallmar Avenue, Cincinnati, Ohio 45225

Situate in Section 20, Town 3, Fractional Range 2, City of Cincinnati, Hamilton County, Ohio, and being part of Lots 1, 2, and 3 of A.J. Riddle's Subdivision of Lot 53 as recorded in Plat book 2, Page 41, and being more fully described as follows:

Beginning at an iron pin set and being at a wall corner at the intersection of the south right-of-way line of Marshall Avenue, and the northwesterly right-of-way line of Hallmar Avenue, and being the northeast corner of Tract XIII owned by Marshall at Central, L.L.C. as described in Official Record 13324, Page 2476;

thence, South 84°10'50" East, 6.27 feet, to a cut cross set;

thence, South 37°38'21" East, 72.49 feet, to a cut cross set on the west right-of-way line of West McMicken Avenue and being the northeast corner of Tract XIII owned by Marshall at Central, L.L.C. as described in Official Record 13324, Page 2476;

thence, North 75°32'30" West, 16.64, along the north line of said Tract XII owned by Marshall at Central, L.L.C. to an iron pin set and being the northwest corner of said Tract XII;

thence, South 37°16'55" West, 127.10 feet, along the west line of said Tract XII owned by Marshall at Central, L.L.C. to an iron pin set;

thence, South 37°16'39" West, 88.23 feet, along the west line of said Tract XII owned by Marshall at Central, L.L.C. to an iron pin set;

thence, South 34°22'05" West, 56.35 feet, along the west line of said Tract XII owned by Marshall at Central, L.L.C. to an iron pin set;

thence, South 21°31'45" West, 51.37 feet, along the west line of said Tract XII owned by Marshall at Central, L.L.C. to an iron pin set;

thence, North 09°24'07" East, 52.19 feet, to a cut cross set;

thence, North 00°09'22" West, 36.87 feet, to a Mag nail set;

thence, North 03°43'42" West, 63.94 feet, to an iron pin set;

thence, North 07°45'59" West, 19.96 feet, to an iron pin found on the east right-of-way of Central Parkway and being the southwest corner of said Tract XIII owned by Marshall at Central, L.L.C. to an iron pin set;

thence, South 81°04'22" East, 29.65 feet, along the south line of said Tract XIII owned by Marshall at Central, L.L.C. to an iron pin set;

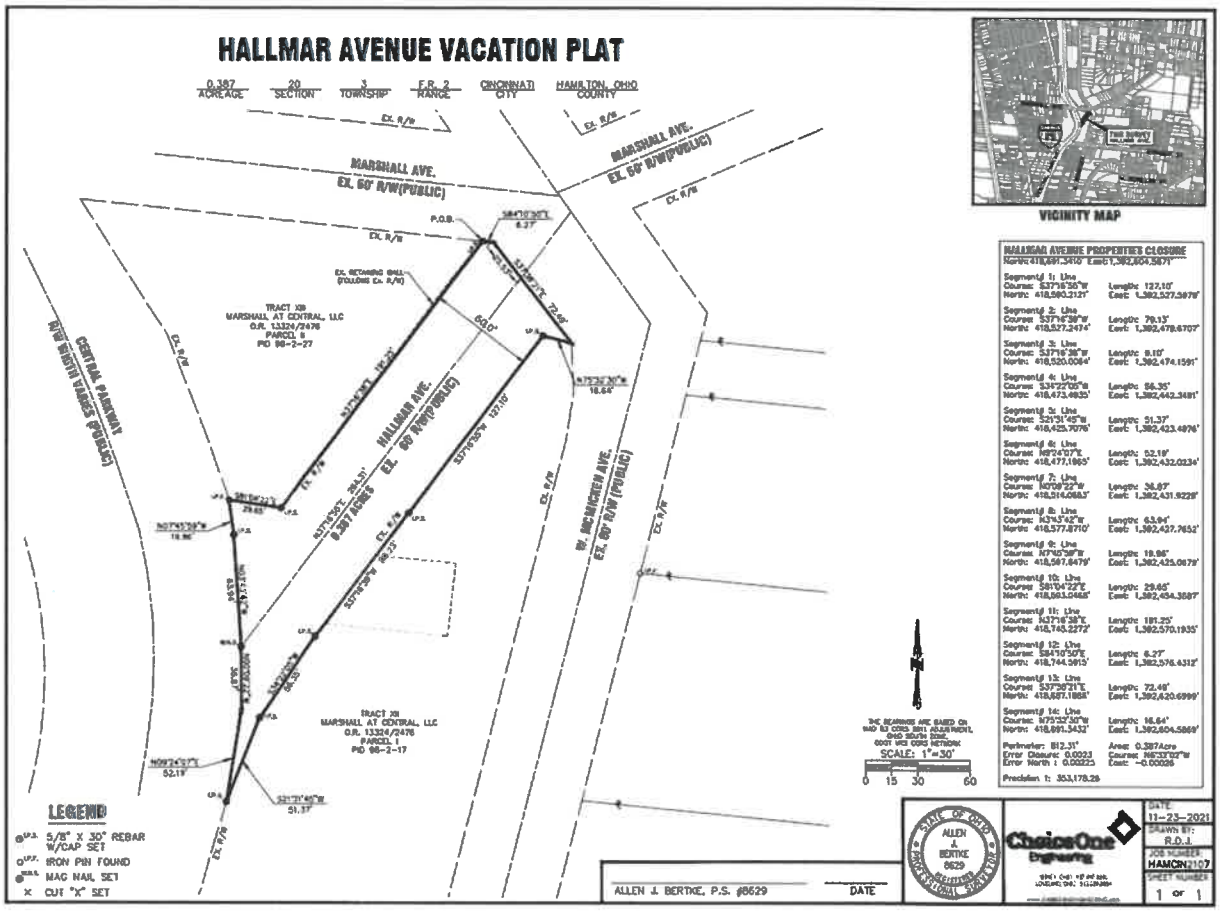
thence, North 37°16'38" East, 191.25 feet, along the east line of said Tract XIII owned by Marshall at Central, L.L.C. to an iron pin set and being the point of beginning.

Containing 0.387 acres more or less with all being subject to any legal highway and easements of record.

{00363826-4}

The bearings are based on NAD 83 CORS 2011 adjustment, Ohio South Zone, ODOT VRS CORS Network. The above description was prepared by Allen J. Bertke, Ohio Professional Surveyor Number 8629, based on a field survey performed under his direct supervision and dated November 23, 2021, all iron pins set are 5/8" x 30" rebar with caps reading "CHOICE ONE ENGR-AJB PS 8629."

EXHIBIT B
to Property Sale Agreement
Vacation Plat



{00363826-4}

EXHIBIT C
to Property Sale Agreement
Form of Quitclaim Deed

[SEE ATTACHED]

[SPACE ABOVE RESERVED FOR RECORDER]

QUITCLAIM DEED

The **CITY OF CINCINNATI**, an Ohio municipal corporation (the "**City**"), for valuable consideration paid, hereby grants and conveys to **MARSHALL AT CENTRAL, LLC**, an Ohio limited liability company, whose tax mailing address is 1008 Marshall Avenue, Cincinnati, OH 45225 ("**Grantee**"), all of the City's right, title, and interest in and to the real property depicted on Exhibit A (*Survey Plat*) and described on Exhibit B (*Legal Description*) hereto (the "**Property**").

Property Address:	None; former public right-of-way known as Hallmar Avenue
Auditor's Parcel ID No.:	None; (former public right-of-way)
Prior instrument reference:	None

Pursuant to Ohio Revised Code Chapter 723 and Ordinance No. __-2022, passed by Cincinnati City Council on _____, 2022, the Property is hereby vacated as public right-of-way by the City.

This conveyance is subject to the exceptions, reservations, easements, covenants, and restrictions set forth below. Grantee, its successors, and assigns shall forever hold, develop, encumber, lease, occupy, improve, build upon, use, and convey the Property subject to such exceptions, reservations, easements, covenants, and restrictions, which shall "run with the land" and be binding upon Grantee and its successors-in-interest with respect to the Property.

(A) Creation of Utility Easements: This conveyance is subject to R.C. Section 723.041 so that any affected public utility shall be deemed to have a permanent easement in such vacated portions of the Property to maintain, operate, renew, reconstruct, and remove said utility facilities and to access said facilities.

(B) Consolidation. This conveyance shall not create an additional building site. Following transfer, Grantee shall consolidate the Property with Grantee's adjoining property. Grantee may not convey the Property separately from Grantee's adjoining parcel without the prior approval of the authority having jurisdiction of plats.

This conveyance was authorized by Ordinance No. __-2022, passed by Cincinnati City Council on _____, 2022.

The following exhibits are attached hereto and made a part hereof:

Exhibit A – *Survey Plat*
Exhibit B – *Legal Description*

Executed on _____, 2022.

CITY OF CINCINNATI

By: _____

Printed Name: _____

Title: _____

STATE OF OHIO)
) SS:
COUNTY OF HAMILTON)

The foregoing instrument was acknowledged before me this ___ day of _____, 2022 by _____, the _____ of the **CITY OF CINCINNATI**, an Ohio municipal corporation, on behalf of the municipal corporation. The notarial act certified hereby is an acknowledgment. No oath or affirmation was administered to the signer with regard to the notarial act certified to hereby.

_____
Notary Public:
My commission expires: _____

Approved by:

_____
John Brazina, Director
Department of Transportation and
Engineering

Approved as to Form:

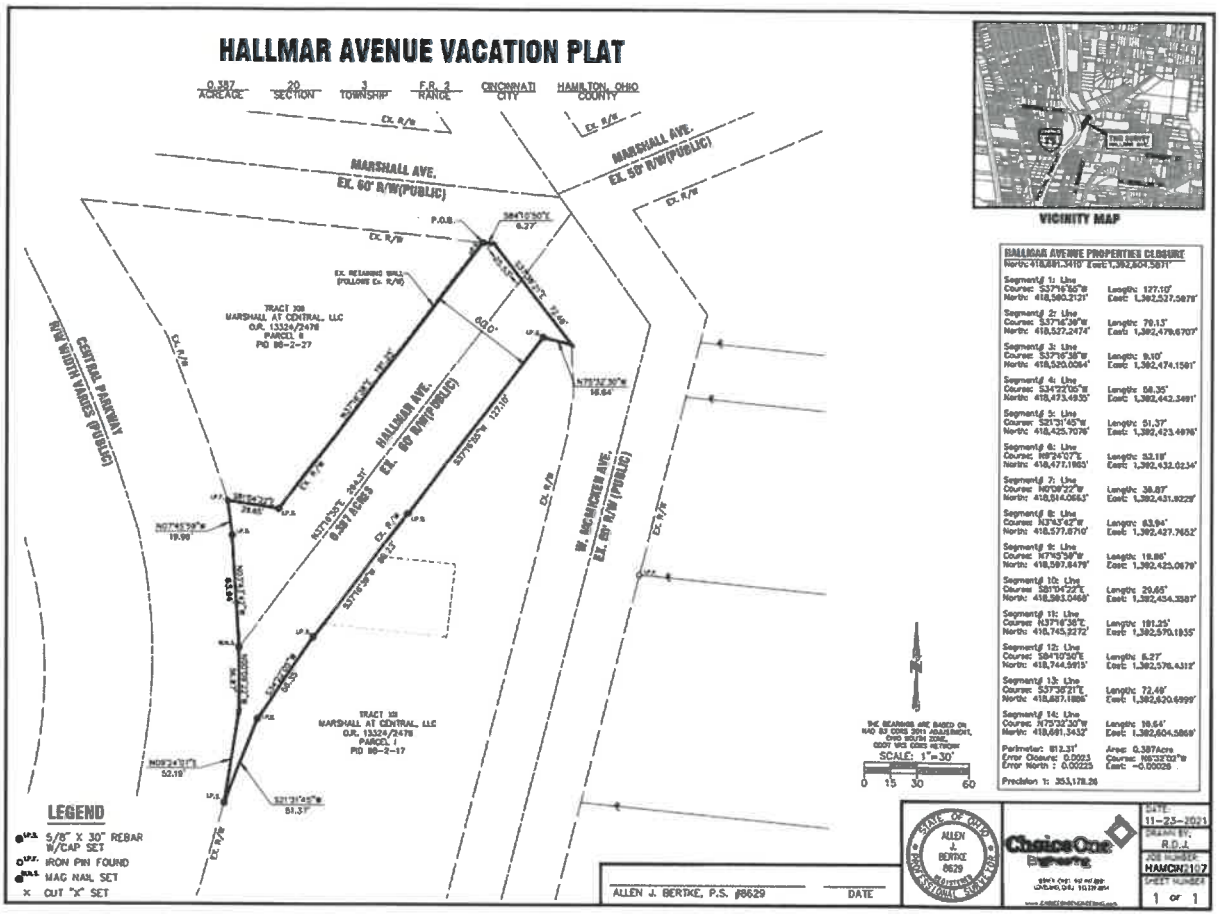
_____
Assistant City Solicitor

This instrument prepared by:

City of Cincinnati Law Department,
801 Plum Street, Suite 214,
Cincinnati, Ohio 45202

{00363826-4}

EXHIBIT A
to Quitclaim Deed
Survey Plat



{00363826-4}

11798396.1

EXHIBIT B
to Quitclaim Deed
Legal Description

Auditor's Parcel No.: None
Property Address: None; Hallmar Avenue, Cincinnati, Ohio 45225

Situate in Section 20, Town 3, Fractional Range 2, City of Cincinnati, Hamilton County, Ohio, and being part of Lots 1, 2, and 3 of A.J. Riddle's Subdivision of Lot 53 as recorded in Plat book 2, Page 41, and being more fully described as follows:

Beginning at an iron pin set and being at a wall corner at the intersection of the south right-of-way line of Marshall Avenue, and the northwesterly right-of-way line of Hallmar Avenue, and being the northeast corner of Tract XIII owned by Marshall at Central, L.L.C. as described in Official Record 13324, Page 2476;

thence, South 84°10'50" East, 6.27 feet, to a cut cross set;

thence, South 37°38'21" East, 72.49 feet, to a cut cross set on the west right-of-way line of West McMicken Avenue and being the northeast corner of Tract XIII owned by Marshall at Central, L.L.C. as described in Official Record 13324, Page 2476;

thence, North 75°32'30" West, 16.64, along the north line of said Tract XII owned by Marshall at Central, L.L.C. to an iron pin set and being the northwest corner of said Tract XII;

thence, South 37°16'55" West, 127.10 feet, along the west line of said Tract XII owned by Marshall at Central, L.L.C. to an iron pin set;

thence, South 37°16'39" West, 88.23 feet, along the west line of said Tract XII owned by Marshall at Central, L.L.C. to an iron pin set;

thence, South 34°22'05" West, 56.35 feet, along the west line of said Tract XII owned by Marshall at Central, L.L.C. to an iron pin set;

thence, South 21°31'45" West, 51.37 feet, along the west line of said Tract XII owned by Marshall at Central, L.L.C. to an iron pin set;

thence, North 09°24'07" East, 52.19 feet, to a cut cross set;

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Containing 0.387 acres more or less with all being subject to any legal highway and easements of record. The bearings are based on NAD 83 CORS 2011 adjustment, Ohio South Zone, ODOT VRS CORS Network. The above description was prepared by Allen J. Bertke, Ohio Professional Surveyor Number

8629, based on a field survey performed under his direct supervision and dated November 23, 2021, all iron pins set are 5/8" x 30" rebar with caps reading "CHOICE ONE ENGR-AJB PS 8629."

Contract No. _____
Property: Hallmar Avenue

PROPERTY SALE AGREEMENT

This Property Sale Agreement (this "**Agreement**") is made and entered into on the Effective Date (as defined on the signature page hereof) by and between the **CITY OF CINCINNATI**, an Ohio municipal corporation, the address of which for purposes of this Agreement is 801 Plum Street, Cincinnati, OH 45202 (the "**City**") and **MARSHALL AT CENTRAL, LLC**, an Ohio limited liability company, whose tax mailing address is 1008 Marshall Avenue, Cincinnati, OH 45225 ("**Purchaser**").

Recitals:

A. The City owns certain real property designated as public right-of-way known as Hallmar Avenue in the CUF neighborhood of Cincinnati, Ohio, as more particularly described on Exhibit A (*Legal Description- the Sale Property*) hereto (the "**Sale Property**"), which Sale Property is under the management of the City's Department of Transportation and Engineering ("**DOTE**").

B. Purchaser owns certain real property adjoining the Sale Property, as depicted on Exhibit B (*Vacation Plat*) hereto ("**Purchaser's Property**"), and desires to purchase from the City the Sale Property to consolidate said Sale Property with Purchaser's Property to facilitate the construction of a four-story multi-family structure, totaling approximately 105,000 gross square feet, clubhouse with private commercial and recreational uses, and surface parking lot.

C. Pursuant to Chapter 723 of the Ohio Revised Code, the legislative authority of a municipal corporation may convey the fee simple estate or other interest in land used for streets and alleys if it has determined that the property is not needed for municipal purposes.

D. The City has determined that the Sale Property is not needed for transportation or other municipal purpose and that the sale of the Sale Property will not be detrimental to the public interest.

E. Richard C. Spoor, Esq., a reputable attorney practicing in Hamilton County, Ohio, has certified that Purchaser owns all the real property abutting the Sale Property.

F. The City's Real Estate Services Division has determined, by a professional appraisal, that the fair market value of the Sale Property is $96,000, which Purchaser has agreed to pay.

G. The City has determined that eliminating competitive bidding in connection with the City's sale of the Sale Property is justified because Purchaser owns all real property abutting the Sale Property, and as a practical matter, no one other than an abutting property owner would have any use for it.

H. Section 13 of Article VIII of the Ohio Constitution provides that, to create or preserve jobs and employment opportunities and to improve the economic welfare of the people of the State, it is a public interest and proper public purpose for the State or its political subdivisions to sell, lease, exchange, or otherwise dispose of property within the State of Ohio for industry, commerce, distribution, and research.

I. Section 16 of Article VIII of the Ohio Constitution provides that it is in the public interest and a proper public purpose for the City to enhance the availability of adequate housing and to improve the economic and general well-being of the people of the City by providing or assisting in providing housing.

J. City Planning Commission, having the authority to approve the change in the use of City-owned property, approved the sale of the Sale Property to Purchaser at its meeting on February 4, 2022.

K. Execution of this Agreement was authorized by Cincinnati City Council by Ordinance No.

[___]-2022, passed on [_____], 2022.

NOW, THEREFORE, the parties agree as follows:

1. Purchase Price. Subject to the terms and conditions set forth herein, the City hereby agrees to sell the Sale Property to Purchaser, and Purchaser hereby agrees to purchase the Sale Property from the City for $96,000.00 (the "**Purchase Price**"). Purchaser acknowledges that it is familiar with the condition of the Sale Property, and, at Closing (as defined below), the City shall convey the Sale Property to Purchaser in "as is" condition. The City makes no representations or warranties to Purchaser with respect to the condition of the Sale Property and, from and after the Closing, the City shall have no liability of any kind to Purchaser for any defects, adverse environmental condition, or any other matters affecting the Sale Property.

2. Closing.

(A) Conditions. The closing on the City's sale of the Sale Property to Purchaser (the "**Closing**") shall not occur unless and until the following conditions have been satisfied or waived (the "**Conditions**"); *provided however*, that if the City, in its sole discretion, determines that one or more of the Conditions would be more appropriately handled at Closing or post-Closing, the City may, if appropriate, include such Conditions in the City's Quitclaim Deed to Purchaser or handle such Conditions post-Closing. Purchaser shall perform all work and investigations and shall obtain and prepare all necessary documents pertaining to the satisfaction of the Conditions, at no cost to the City.

(i) Title & Survey: Purchaser's approval of title to the Sale Property and, if obtained by Purchaser, an ALTA property survey of the Sale Property;

(ii) Inspections, Utilities & Zoning/Building Code Requirements: Purchaser's approval of inspections of the Sale Property, including, without limitation, environmental assessments and soil assessments, all matters pertaining to utility service for the Sale Property, and all zoning and building code requirements that are applicable to the Sale Property;

(iii) Plats, Legal Descriptions and Deed: Purchaser shall have provided the City with all plats and legal descriptions as required by DOTE, the Department of City Planning and Engagement, and the Hamilton County Auditor and Recorder in connection with the City's sale of the Sale Property, including, but not limited to: [x] an acceptable deed of record evidencing Purchaser as the vested legal owner as to Purchaser's Property; [y] an acceptable survey plat and legal description with closure of the Sale Property to accompany the transfer and recording of the Quitclaim Deed in substantially the form attached as Exhibit C – (*Form of Quitclaim Deed – Sale Property*); and [z] an acceptable survey plat and legal description with closure to consolidate the Sale Property with Purchaser's Property immediately after recording of the *Quitclaim Deed – Sale Property* in substantially the form attached as Exhibit D (*Consolidation Plat – Sale Property and Purchaser's Property)*;

(iv) Coordinated Report Conditions (CR #72-2021):

(a) DOTE:

1. [intentionally omitted]

2. The existing utilities must be granted easements or relocated at Purchaser's expense.

3. [Intentionally omitted]

4. No Auditor's parcels shall be landlocked by this vacation/sale. If possible, potential landlocked parcels should be consolidated with parcels having legal street frontage.

5. The Purchaser is required, at their expense, to provide the City with an acceptable legal description for the sale area that meets the recordable standards of the Hamilton County Recorder's Office.

6. Central Parkway and McMicken Avenue must be finished at Hallmar Avenue intersections, with a curb, sidewalk, and/or drive approach in accordance with City standards, or an approved plan.

7. A DOTE street opening permit, obtained by a DOTE licensed street contractor, is required for all private improvements in the public right-of-way. All improvements in the public right-of-way must be built to City standards, policies and guidelines. Application for permits may be made at Room 425, City Hall, 801 Plum Street. Please note that plan drawings (2 sets), to be reviewed by DOTE, must be attached to the permit application.

(b) Metropolitan Sewer District of Greater Cincinnati ("MSD"):

1. The MSD Request for Availability of Sewer Service (RASS) will be required for a future development or redevelopment project. The MSD RASS will determine the availability of a sewer and outline any additional MSD project requirements that could impact a project schedule if not considered early in project conceptual planning. Such considerations may include the need to obtain any MSD tap permits, easements, Ohio EPA Permit to Install, utilization of licensed and bonded sewer tappers with MSD, sewer inspection scheduling, project on-site separation of flow requirements, MSD Excavation/Fill permitting and bonding, MSD storm water detention requirements, need for a grease interception system, and/or a reminder for the project to coordinate with City of Cincinnati Stormwater Management Utility (SMU) for their specific storm water, erosion control, and storm water detention requirements. To date, at least three MSD Conditional Availability of Sewers Letters have been issued by MSD addressing three RASSs: CMD2100145 and CMD2100143 dated July 30, 2021 and CMD2100144 dated August 31, 2021. Sewer availability for at least one parcel (0098-0002-0027) within the project area (approximately in the Area of Bldg 3) has not been received. Based on information provided in CR 72, information and estimates provided for CMD2100143-145 addressing the previously submitted RASSs should be resubmitted if the project is presently being rescoped and if any additional parcels are being included or removed from the current project scope as currently understood by MSD.

2. The RASS(s) may require a MSD Excavation/Fill permit as well as bond necessary for any construction, construction traffic, earthwork, or any other construction activity over existing sewers, including site preparation activities such as geotechnical investigations and demolition of buildings in which existing sewers are located. Additional requirements will be established by the MSD E/F permit (such as verification and usage of existing or abandoned building services or connections to existing sewers through dye testing, pre- and post-demolition, or construction CCTVing, etc). No additional loading may be exerted on existing MSD sewers as the result of proposed structures and geotechnical/structural design calculations will be required for MSD review. Information concerning MSD E/F permits may be found in Section

406 of the MSD Rules and Regulations at the following link provided at msdgc.org: http://msdgc.org/downloads/about_msd/msd-rules-regulations/rules_and_regulations.pdf.

3. A 30' wide minimum permanent sewer easement will be necessary centered on existing sewers that traverse the project site. The permanent sewer easement will be necessary for access, operations, and maintenance of the existing public sewers and manholes that are to remain in operation. Note, an additional 3' on either side of the permanent easement will be required, along with other MSD easement restrictions, as outlined per MSD Rules and Regulations Section 207. No structure which can interfere with the access to the public sewer or can exert loading upon a public sewer per MSD Rules and Regulations Section 206. Information concerning Sections 206 and 207 may be found at the following link provided at msdgc.org: http://msdgc.org/downloads/about_msd/msd-rules-regulations/rules_and_regulations.pdf.

4. Project coordination and acceptance by City of Cincinnati Public Works, DOTE, and/or SMU that the removal of their earlier project from the MSD's combined sewer system does not impact their department's respective functional and design project requirements and is acceptable for removal.

(c) SMU: There is stormwater infrastructure at the south end of Hallmar near Central Pkwy that will need to be filled, sealed, and abandoned.

(d) Duke Energy: Duke Energy requires an easement for existing facilities located on, above, or under the Sale Property.

(e) Altafiber: Altafiber requires an easement for existing facilities located on the Sale Property. Such facilities must remain in place, in service and able to be accessed. Any damage done to the facilities, or any work done to relocate the facilities as a result as of this request will be handled entirely at the property owner's expense.

(B) Right to Terminate. If either party determines, after exercising good faith efforts, that any of the Conditions are not or cannot be satisfied within a reasonable period, such party shall have the right to terminate this Agreement by giving written notice thereof to the other party, whereupon this Agreement and all rights and obligations of the parties hereunder shall terminate. If all the Conditions have not been satisfied to the satisfaction of both parties or waived in writing and for that reason the Closing has not occurred within **90 days** after the Effective Date, this Agreement and all rights and obligations of the parties hereunder shall automatically terminate.

(C) Closing Date. Provided the Conditions have been satisfied, the Closing shall take place **30 days** after the Effective Date, or on such earlier or later date as the parties may agree upon.

(D) Closing Costs and Closing Documents. At the Closing, (i) the City shall confirm that Purchaser has paid the Purchase Price in full, and (ii) the City shall convey all its right, title, and interest in and to the Sale Property to Purchaser by *Quitclaim Deed* in the form of Exhibit C. Purchaser shall pay all Hamilton County, Ohio recording fees, transfer tax, and any and all other customary closing costs associated with the Closing. There shall be no proration of real estate taxes and assessments at Closing, and from and after the Closing, Purchaser shall pay all real estate taxes and assessments thereafter becoming due. At Closing, the parties shall execute a settlement statement and all other customary closing documents that are necessary for the Closing, in such forms as are approved by the City. The City shall not however be required to execute a title affidavit at Closing or other similar documents pertaining to title, it being acknowledged by Purchaser that the City is selling the Property "as is." Pursuant to Section 301-20, Cincinnati Municipal Code, at Closing, Purchaser shall pay to the City all

unpaid related and unrelated fines, penalties, judgments, water, or other utility charges, and any and all other outstanding amounts owed by Purchaser to the City. The provisions of this Agreement shall survive the City's execution and delivery of the *Quitclaim Deed* and shall not be deemed to have been merged therein.

3. **Notices**. All notices given by the parties hereunder shall be deemed given if personally delivered, delivered by Federal Express, UPS, or other recognized overnight courier, or mailed by U.S. regular or certified mail, addressed to the parties at their respective addresses set forth in the introductory paragraph of this Agreement. If Purchaser sends a notice to the City alleging that the City is in default under this Agreement, Purchaser shall simultaneously send a copy of such notice by U.S. certified mail to: City Solicitor, 801 Plum Street, Suite 214, Cincinnati, OH 45202. Notices shall be deemed given on the date of receipt.

4. **Representations, Warranties, and Covenants of Purchaser.** Purchaser makes the following representations, warranties and covenants to induce the City to enter into this Agreement:

(i) Purchaser is an Ohio limited liability company duly organized and validly existing under the laws of the State of Ohio, is authorized to transact business in the State of Ohio, has properly filed all certificates and reports required to be filed by it under the laws of the State of Ohio, and is not in violation of any laws relevant to the transactions contemplated by this Agreement.

(ii) Purchaser has full power and authority to execute and deliver this Agreement and to carry out the transactions provided for herein. This Agreement has by proper action been duly authorized, executed and delivered by Purchaser, and all actions necessary have been taken to constitute this Agreement, when executed and delivered, valid and binding obligations of Purchaser.

(iii) Purchaser's execution, delivery, and performance of this Agreement and the transaction contemplated hereby will not violate any applicable laws, or any writ or decree of any court or governmental instrumentality, or any mortgage, contract, agreement, or other undertaking to which Purchaser is a party or which purports to be binding upon Purchaser or upon any of its assets, nor is Purchaser in violation or default of any of the foregoing.

(iv) There are no actions, suits, proceedings, or governmental investigations pending, or to the knowledge of Purchaser, threatened against or affecting Purchaser, at law or in equity or before or by any governmental authority.

(v) Purchaser shall give prompt notice in writing to the City of the occurrence or existence of any litigation, labor dispute or governmental proceedings or investigation affecting Purchaser that could reasonably be expected to interfere substantially or materially and adversely affect its financial condition or its purchase of the Sale Property.

(vi) The statements made in the documentation provided by Purchaser to the City have been reviewed by Purchaser and do not contain any untrue statement of a material fact or omit to state any material fact necessary in order to make such statements, in light of the circumstances under which they were made, not misleading.

(vii) Neither Purchaser, nor any of its affiliates, owe any outstanding fines, penalties, judgments, water or other utility charges or other amounts to the City.

5. **General Provisions**.

(A) Entire Agreement. This Agreement (including the exhibits hereto) contains the entire agreement between the parties with respect to the subject matter hereof and supersedes any and all prior discussions, negotiations, representations or agreements, written or oral, between them respecting the subject matter hereof.

(B) Amendments. This Agreement may be amended only by a written amendment signed by both parties.

(C) Governing Law. This Agreement shall be governed by and construed in accordance with the laws of the City of Cincinnati and the State of Ohio. All actions regarding this Agreement shall be brought in the Hamilton County Court of Common Pleas, and Purchaser agrees that venue in such court is proper. Purchaser hereby waives trial by jury with respect to any and all disputes arising under this Agreement.

(D) Binding Effect. This Agreement shall be binding upon and shall inure to the benefit of and be enforceable by and against the parties and their respective successors and assigns. Purchaser shall not assign its rights or obligations under this Agreement without the prior written consent of the City, which may be withheld in the City's sole discretion, and any attempt to do so without the City's consent shall, at the City's option, render this Agreement null and void.

(E) Captions. The captions of the various sections and paragraphs of this Agreement are not part of the context hereof and are only guides to assist in locating such sections and paragraphs and shall be ignored in construing this Agreement.

(F) Severability. If any part of this Agreement is held by a court of law to be void, illegal or unenforceable, such part shall be deemed severed from this Agreement, and the balance of this Agreement shall remain in full force and effect.

(G) No Third-Party Beneficiaries. The parties hereby agree that no third-party beneficiary rights are intended to be created by this Agreement.

(H) Brokers. Purchaser represents to the City that Purchaser has not dealt with any real estate brokers and agents in connection with its purchase of the Sale Property.

(I) Official Capacity. All representations, warranties, covenants, agreements, and obligations of the City under this Agreement shall be effective to the extent authorized and permitted by applicable law. None of those representations, warranties, covenants, agreements, or obligations shall be deemed to be a representation, warranty, covenant, agreement, or obligation of any present or future officer, agent, employee or attorney of the City in other than his or her official capacity.

(J) Conflict of Interest. No officer, employee, or agent of the City who exercises any functions or responsibilities in connection with the planning or carrying out of the property sale shall have any personal financial interest, direct or indirect, in the property sale, and Purchaser shall take appropriate steps to assure compliance.

(K) Administrative Actions. To the extent permitted by applicable laws, and unless otherwise expressly provided in this Agreement, all actions taken or to be taken by the City under this Agreement may be taken by administrative action and shall not require legislative action of the City beyond the legislative action authorizing the execution of this Agreement.

(L) Counterparts; E-Signature. This Agreement may be executed via electronic signature and in one or more counterparts, each of which shall be deemed an original and all of which taken together shall constitute but one and the same instrument.

6. **Exhibits**. The following exhibits are attached hereto and made a part hereof:

Exhibit A **–** *Legal Description -the Sale Property*
Exhibit B **–** *Site Survey*
Exhibit C **–** *Form of Quit Claim Deed*

Executed by the parties on the dates indicated below their respective signatures, effective as of the latest of such dates (the **"Effective Date").**

MARSHALL AT CENTRAL, LLC,
an Ohio limited liability company

By: _____

Printed Name: _____

Title: _____

Date: _____, 2022

[City signatures on the following page]

CITY OF CINCINNATI

By: _____

Printed Name: _____

Title: _____

Date: _____, 2022

Recommended by:

_____
John Brazina, Director
Department of Transportation and
Engineering

Approved as to Form:

_____
Assistant City Solicitor

Certified Date: _____

Fund/Code: _____

Amount: _____

By: _____
Karen Alder, City Finance Director

{00363826-4}

EXHIBIT A
to Property Sale Agreement

Legal Description - the Sale Property

Auditor's Parcel No.: None
Property Address: None; Hallmar Avenue, Cincinnati, Ohio 45225

Situate in Section 20, Town 3, Fractional Range 2, City of Cincinnati, Hamilton County, Ohio, and being part of Lots 1, 2, and 3 of A.J. Riddle's Subdivision of Lot 53 as recorded in Plat book 2, Page 41, and being more fully described as follows:

Beginning at an iron pin set and being at a wall corner at the intersection of the south right-of-way line of Marshall Avenue, and the northwesterly right-of-way line of Hallmar Avenue, and being the northeast corner of Tract XIII owned by Marshall at Central, L.L.C. as described in Official Record 13324, Page 2476;

thence, South 84°10'50" East, 6.27 feet, to a cut cross set;

thence, South 37°38'21" East, 72.49 feet, to a cut cross set on the west right-of-way line of West McMicken Avenue and being the northeast corner of Tract XIII owned by Marshall at Central, L.L.C. as described in Official Record 13324, Page 2476;

thence, North 75°32'30" West, 16.64, along the north line of said Tract XII owned by Marshall at Central, L.L.C. to an iron pin set and being the northwest corner of said Tract XII;

thence, South 37°16'55" West, 127.10 feet, along the west line of said Tract XII owned by Marshall at Central, L.L.C. to an iron pin set;

thence, South 37°16'39" West, 88.23 feet, along the west line of said Tract XII owned by Marshall at Central, L.L.C. to an iron pin set;

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thence, North 00°09'22" West, 36.87 feet, to a Mag nail set;

thence, North 03°43'42" West, 63.94 feet, to an iron pin set;

thence, North 07°45'59" West, 19.96 feet, to an iron pin found on the east right-of-way of Central Parkway and being the southwest corner of said Tract XIII owned by Marshall at Central, L.L.C. to an iron pin set;

thence, South 81°04'22" East, 29.65 feet, along the south line of said Tract XIII owned by Marshall at Central, L.L.C. to an iron pin set;

thence, North 37°16'38" East, 191.25 feet, along the east line of said Tract XIII owned by Marshall at Central, L.L.C. to an iron pin set and being the point of beginning.

Containing 0.387 acres more or less with all being subject to any legal highway and easements of record.

{00363826-4}

The bearings are based on NAD 83 CORS 2011 adjustment, Ohio South Zone, ODOT VRS CORS Network. The above description was prepared by Allen J. Bertke, Ohio Professional Surveyor Number 8629, based on a field survey performed under his direct supervision and dated November 23, 2021, all iron pins set are 5/8" x 30" rebar with caps reading "CHOICE ONE ENGR-AJB PS 8629."

EXHIBIT B
to Property Sale Agreement
Vacation Plat

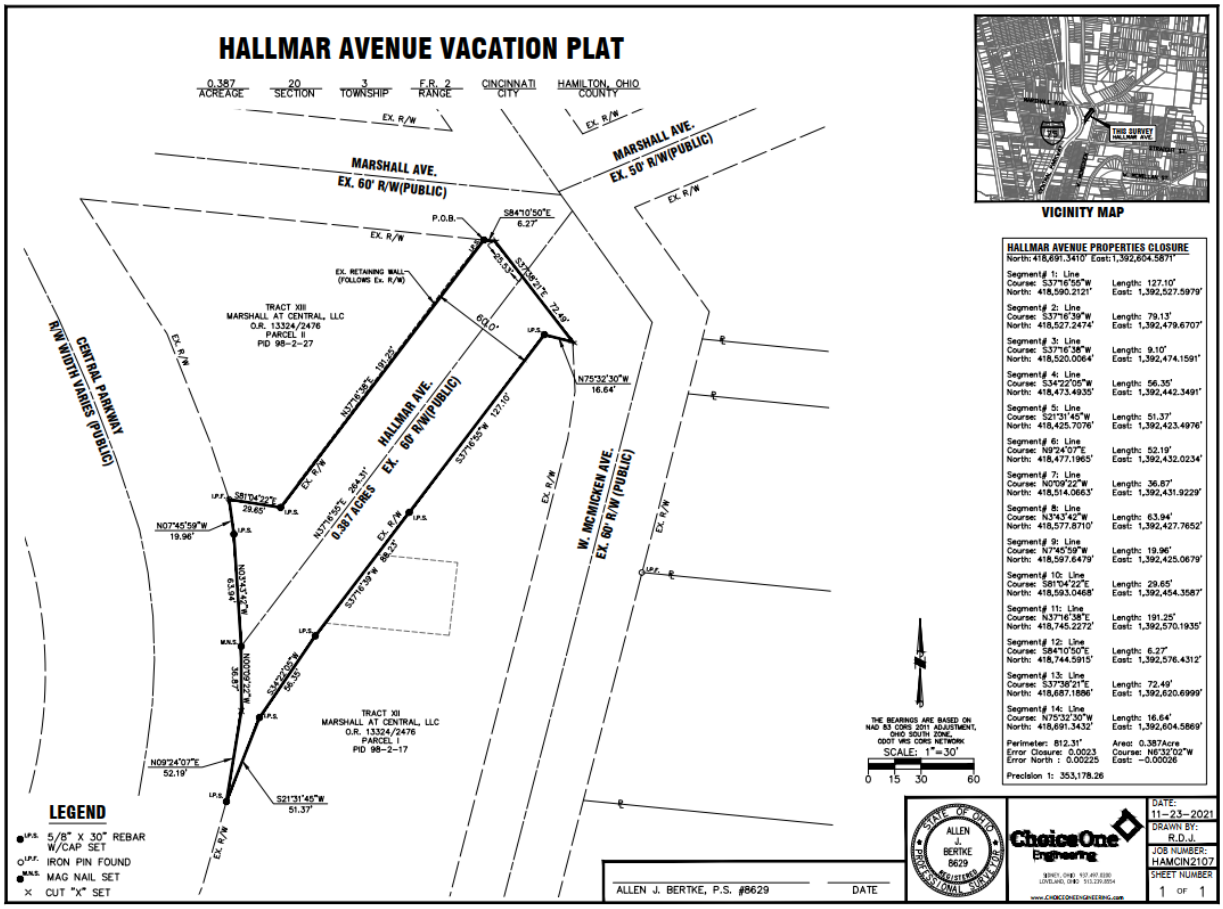

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EXHIBIT C
to Property Sale Agreement
Form of Quitclaim Deed

[SEE ATTACHED]

[SPACE ABOVE RESERVED FOR RECORDER]

QUITCLAIM DEED

The **CITY OF CINCINNATI**, an Ohio municipal corporation (the "**City**"), for valuable consideration paid, hereby grants and conveys to **MARSHALL AT CENTRAL, LLC**, an Ohio limited liability company, whose tax mailing address is 1008 Marshall Avenue, Cincinnati, OH 45225 ("**Grantee**"), all of the City's right, title, and interest in and to the real property depicted on Exhibit A (*Survey Plat*) and described on Exhibit B (*Legal Description*) hereto (the "**Property**").

Property Address:	None; former public right-of-way known as Hallmar Avenue
Auditor's Parcel ID No.:	None; (former public right-of-way)
Prior instrument reference:	None

Pursuant to Ohio Revised Code Chapter 723 and Ordinance No. __-2022, passed by Cincinnati City Council on _____, 2022, the Property is hereby vacated as public right-of-way by the City.

This conveyance is subject to the exceptions, reservations, easements, covenants, and restrictions set forth below. Grantee, its successors, and assigns shall forever hold, develop, encumber, lease, occupy, improve, build upon, use, and convey the Property subject to such exceptions, reservations, easements, covenants, and restrictions, which shall "run with the land" and be binding upon Grantee and its successors-in-interest with respect to the Property.

(A) Creation of Utility Easements: This conveyance is subject to R.C. Section 723.041 so that any affected public utility shall be deemed to have a permanent easement in such vacated portions of the Property to maintain, operate, renew, reconstruct, and remove said utility facilities and to access said facilities.

(B) Consolidation. This conveyance shall not create an additional building site. Following transfer, Grantee shall consolidate the Property with Grantee's adjoining property. Grantee may not convey the Property separately from Grantee's adjoining parcel without the prior approval of the authority having jurisdiction of plats.

This conveyance was authorized by Ordinance No. __-2022, passed by Cincinnati City Council on _____, 2022.

The following exhibits are attached hereto and made a part hereof:

Exhibit A **–** *Survey Plat*
Exhibit B **–** *Legal Description*

Executed on _____, 2022.

CITY OF CINCINNATI

By: _____

Printed Name: _____

Title: _____

STATE OF OHIO)
) SS:
COUNTY OF HAMILTON)

The foregoing instrument was acknowledged before me this ___ day of _____ , 2022 by _____, the _____ of the **CITY OF CINCINNATI**, an Ohio municipal corporation, on behalf of the municipal corporation. The notarial act certified hereby is an acknowledgment. No oath or affirmation was administered to the signer with regard to the notarial act certified to hereby.

_____
Notary Public:
My commission expires: _____

Approved by:

_____
John Brazina, Director
Department of Transportation and Engineering

Approved as to Form:

_____
Assistant City Solicitor

This instrument prepared by:

City of Cincinnati Law Department,
801 Plum Street, Suite 214,
Cincinnati, Ohio 45202

{00363826-4}

EXHIBIT A
to Quitclaim Deed
Survey Plat

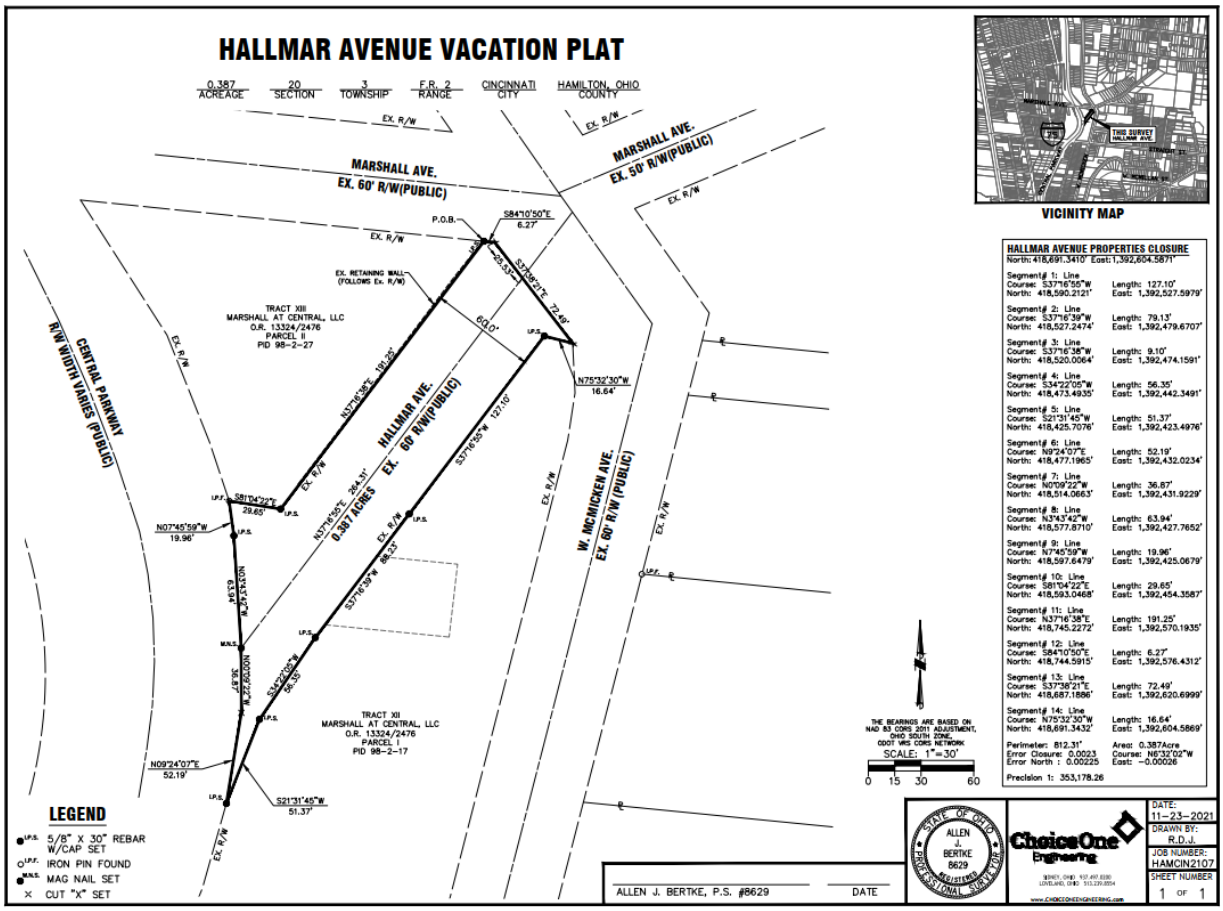

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EXHIBIT B
to Quitclaim Deed
Legal Description

Auditor's Parcel No.: None
Property Address: None; Hallmar Avenue, Cincinnati, Ohio 45225

Situate in Section 20, Town 3, Fractional Range 2, City of Cincinnati, Hamilton County, Ohio, and being part of Lots 1, 2, and 3 of A.J. Riddle's Subdivision of Lot 53 as recorded in Plat book 2, Page 41, and being more fully described as follows:

Beginning at an iron pin set and being at a wall corner at the intersection of the south right-of-way line of Marshall Avenue, and the northwesterly right-of-way line of Hallmar Avenue, and being the northeast corner of Tract XIII owned by Marshall at Central, L.L.C. as described in Official Record 13324, Page 2476;

thence, South 84°10'50" East, 6.27 feet, to a cut cross set;

thence, South 37°38'21" East, 72.49 feet, to a cut cross set on the west right-of-way line of West McMicken Avenue and being the northeast corner of Tract XIII owned by Marshall at Central, L.L.C. as described in Official Record 13324, Page 2476;

thence, North 75°32'30" West, 16.64, along the north line of said Tract XII owned by Marshall at Central, L.L.C. to an iron pin set and being the northwest corner of said Tract XII;

thence, South 37°16'55" West, 127.10 feet, along the west line of said Tract XII owned by Marshall at Central, L.L.C. to an iron pin set;

thence, South 37°16'39" West, 88.23 feet, along the west line of said Tract XII owned by Marshall at Central, L.L.C. to an iron pin set;

thence, South 34°22'05" West, 56.35 feet, along the west line of said Tract XII owned by Marshall at Central, L.L.C. to an iron pin set;

thence, South 21°31'45" West, 51.37 feet, along the west line of said Tract XII owned by Marshall at Central, L.L.C. to an iron pin set;

thence, North 09°24'07" East, 52.19 feet, to a cut cross set;

thence, North 00°09'22" West, 36.87 feet, to a Mag nail set;

thence, North 03°43'42" West, 63.94 feet, to an iron pin set;

thence, North 07°45'59" West, 19.96 feet, to an iron pin found on the east right-of-way of Central Parkway and being the southwest corner of said Tract XIII owned by Marshall at Central, L.L.C. to an iron pin set;

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Containing 0.387 acres more or less with all being subject to any legal highway and easements of record. The bearings are based on NAD 83 CORS 2011 adjustment, Ohio South Zone, ODOT VRS CORS Network. The above description was prepared by Allen J. Bertke, Ohio Professional Surveyor Number

8629, based on a field survey performed under his direct supervision and dated November 23, 2021, all iron pins set are 5/8” x 30” rebar with caps reading “CHOICE ONE ENGR-AJB PS 8629.”

city of CINCINNATI
Interdepartment Correspondence Sheet

August 3, 2022

To: Mayor and Members of Council 202201574

From: John P. Curp, Interim City Manager

Subject: Department of Transportation and Engineering – 2021 Infrastructure Condition Reports

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Hereby submitted is the Department of Transportation and Engineering's (DOTE) infrastructure condition reports for 2021. The list of submitted reports is as follows:

- 2021 Bridge Condition Report
- 2021 Pavement Condition Report (Draft)
- 2021 Traffic Engineering Condition Report
- 2021 Retaining Wall and Landslide Report

DOTE is responsible for the capital maintenance of approximately $5 billion worth of transportation infrastructure. The attached reports detail the condition of the four major components of that infrastructure – bridges, roadways, traffic engineering equipment and wall stabilization and landslide correction.

All City transportation infrastructure, supported by General Capital resources, requires regular inspection to determine the need for maintenance, rehabilitation, or even replacement over time. Management of the DOTE infrastructure incorporates both asset preservation strategies and infrastructure improvement programs/projects that require capital needs.

The DOTE capital needs assessment report, submitted in the FY 21-22 budget documents, shows the declining condition of the assets, and illustrates the ongoing dependence on outside funding to aid in leveraging the resources directed by City Council for our infrastructure.

While our existing assets depreciate at a faster rate than current capital funding allocations can account for, DOTE utilizes the capital resources from City Council for repair and replacement of the aging infrastructure by leveraging the allocated funds to obtain grants, thereby providing a return-on-investment strategy. DOTE has a strong track record for successfully obtaining grants via local, state, and federal programs.

For example, during the period from 2019 to 2021 DOTE has applied for more than 70 individual grants, and funding was awarded for approximately 60 percent of the applications. The department has over 169% return-on-investment, thereby leveraging capital funds as the local match for these grants.

DOTE remains diligent in maximizing opportunities to leverage the capital funding allocated to the department by using capital dollars for the local share. Planning and strategies for capturing funding from the Federal Infrastructure allocations are underway.

To date, in CY 2022, DOTE has applied for $750M in outside grant funds. DOTE anticipates utilizing any budgeted future increases in our capital to obtain Federal Infrastructure grants.

SUMMARY

To date, in CY 2022, DOTE has applied for $750M in outside grant funds. These outside funds which include local, state, and federal grants help offset the gaps identified in the various DOTE programs and as sources for new infrastructure. Our past success in obtaining grants leaves the department optimistic related to our future ability to capture funding for new infrastructure and for making improvements to our current assets.

Attachment I – 2021 Bridge Condition Report
Attachment II – 2021 Pavement Condition Report (Draft)
Attachment III –2021 Traffic Engineering Condition Report
Attachment IV – 2021 Retaining Wall and Landslide Report

cc: John S. Brazina, Director, Transportation and Engineering



Galbraith Road Bridge

2021

BRIDGE CONDITION REPORT

City, County, Railroad and Private Bridges

city of CINCINNATI
TRANSPORTATION & ENGINEERING

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- City (Bridge Program) Bridges
- County Bridges
- Wasson Way Bridges
- Fort Washington Way Bridges
- City (Skywalk) Bridges
- City (Other) Bridges
- Railroad Bridges
- Private Bridges

INTRODUCTION

Bridges are an essential part of Cincinnati's transportation network, linking roadways and communities. Timely maintenance is critically important for the safety and welfare of the traveling public. The Department of Transportation and Engineering (DOTE) is the city agency primarily responsible for inspecting, maintaining, and improving the transportation system within the City of Cincinnati. The Bridge Program (BP) is the specific program within DOTE charged with the responsibility of maintaining the bridges within this transportation system. This report is the annual update to City Council informing Council of the condition of the bridges in Cincinnati and DOTE's efforts to maintain Cincinnati's bridge infrastructure.

In conformance with state law, every bridge in Cincinnati is inspected on an annual basis. The Ohio Revised Code 5501.47 defines a bridge as "Any structure, of 10 feet or more clear span, or 10 feet or more in diameter on, above, or below a highway…". Within the City limits there are about 450 structures which meet these criteria and are therefore classified as bridges. Of these 450 bridges, 238 are inspected by DOTE Bridge Program personnel, which includes 2 pedestrian/trail bridges within City limits that are not on, above or below a highway as well as 4 bridges outside City limits that the City purchased as part of the Wasson Way acquisition. These inspections are performed in accordance with the National Bridge Inspection Standards (NBIS) and the guidelines in the Ohio Department of Transportation (ODOT) Bridge Inspection Manual. The remaining bridges, which are part of the Interstate and State Highway Systems are inspected by ODOT. As the City has no inspection or major maintenance responsibility for these bridges, they are not included in this report.

The objectives of DOTE's Bridge Inspection Program are to:

1. Provide a current information base on the condition of bridges within Cincinnati so that maintenance, repair, and replacement projects can be programmed efficiently.
2. Ensure that the structures continue to satisfy present service and safety requirements.
3. Determine the need for establishing or revisiting weight restrictions on bridges.
4. Determine and locate the extent of any structural weakness or damage so that appropriate corrective actions can be taken to ensure public safety.
5. Satisfy state and federal regulations.

Following the completion of each annual bridge inspection cycle, this report is issued by DOTE to inform City Council of the condition of the bridges in Cincinnati which are specifically inspected by DOTE personnel. This report also functions as an annual update to inform City Council on how the funds allocated to the Bridge Program are being utilized.



Bridges at Brighton Place ca. 1920 (top) and 2020 (bottom)

Based upon maintenance responsibility, the 238 DOTE-inspected bridges are divided into the following eight categories:

1. **City (Bridge Program) Bridges • 71 bridges:** Vehicular and pedestrian bridges owned by the City and maintained by DOTE with designated bridge program funds, 18 of which are pedestrian only structures. (See page 10 for details).
2. **County Bridges • 27 bridges:** Vehicular bridges within City limits that support improved roads which are of general and public utility running into or through Cincinnati. By contractual agreement with Hamilton County, DOTE maintains these bridges. Hamilton County funds the work performed on these bridges with the Municipal Road Fund. (See page 12 for details).
3. **Wasson Way Bridges • 8 bridges:** Acquired by the City from Norfolk Southern in September 2016 to carry a future trail and possible light rail facilities. The trail including the bridges are being developed and maintained with designated DOTE Wasson Way funds. (See page 13 for details).
4. **Fort Washington Way Bridges • 5 bridges:** Bridges over Ft. Washington Way constructed with the Ft. Washington Way reconstruction project. DOTE shares maintenance responsibility for these bridges with ODOT.
5. **City (Skywalk) Bridges • 14 bridges:** Central Business District pedestrian bridges on the skywalk system owned by the City. The Department of Public Services and property owners adjacent to the bridges maintain these structures. Generally, DOTE is responsible for the major rehabilitation of these bridges, while other entities perform the routine maintenance.
6. **City (Other) Bridges • 15 bridges:** Unique City owned structures located on, over, or under a roadway that technically qualify as bridges. Various City agencies including Parking Facilities, Stormwater Management Utility and the Park Board maintain these bridges.
7. **Railroad Bridges • 49 bridges:** Railroad bridges that cross over public roadways. CSXT, IORY (GWRR), Norfolk-Southern, and SORTA own and maintain these bridges.
8. **Private Bridges • 49 bridges:** Privately owned, mostly pedestrian and utility bridges that cross over public roadways. The applicable private owners maintain these bridges.

Throughout the remainder of this report, most of the discussion will be focused on the 71 City (BP) bridges, the 27 County bridges and the 8 Wasson Way bridges as DOTE is responsible for maintaining these 106 bridges.

The individual 2021 bridge inspection reports for all 238 bridges under the City's inspection responsibility are included in Appendix B of this annual report. The bridge inspection reports are grouped in the order listed above. Within each group, the individual bridge inspection reports are arranged alphabetically by bridge name.

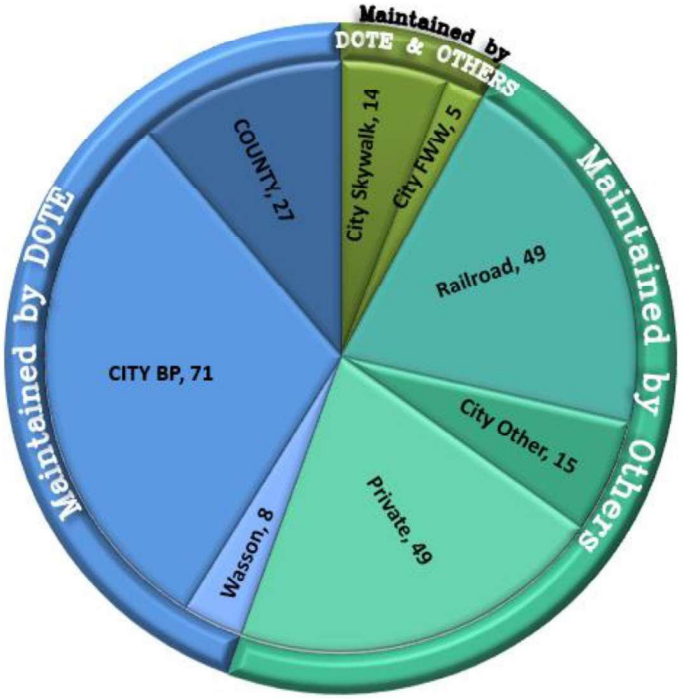


Chart indicating the number of bridges on the City inventory by maintenance responsibility.

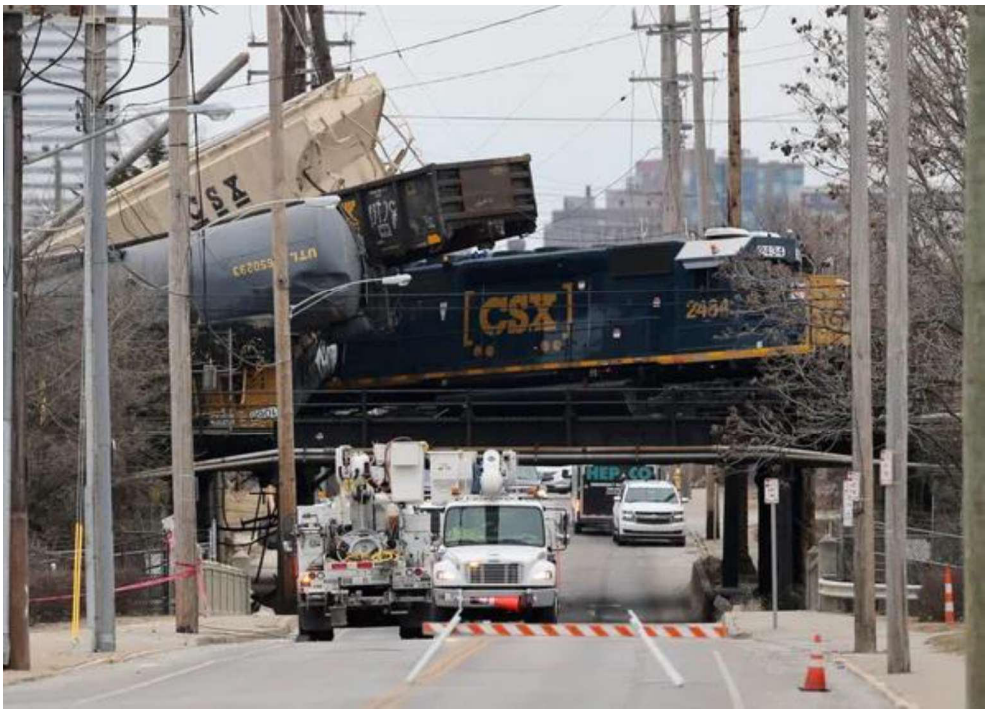
BRIDGE PROGRAM FUNCTION AND PERFORMANCE MEASURES

The goal of the Bridge Program is to preserve the structural integrity of all bridges that DOTE maintains so that they remain safe for the traveling public. DOTE established the following performance measures to track its progress in accomplishing this objective.

1. **Performance Measure:**
   Bridge Program personnel will annually inspect all bridges on, over, or under public roadways within the City of Cincinnati (excluding bridges inspected by ODOT) and submit this annual bridge condition report, in compliance with the Ohio Revised Code, Section 723.54.
   Progress: *During the 2021 bridge inspection cycle, all such 238 bridges were inspected. The results of those inspections are compiled in this report.*

2. **Performance Measure:**
   Bridge Program personnel will develop plans, request funding, schedule, and manage bridge maintenance, repair, and replacement work, so as to maintain a Weighted Average Bridge Rating of 6 or better for bridges maintained by the DOTE Bridge Program (BP). A rating of 6 represents a "Satisfactory" condition, which indicates that all primary structural elements are sound but may show some minor deterioration.
   Progress: *As identified in this report, the present Weighted Average Bridge Rating for City (BP) bridges is 6.85.*

3. **Performance Measure:**
   Bridge Program personnel will develop plans, request funding, schedule, and manage bridge maintenance, repair, and replacement work so that no less than 95% of City (BP) bridges are open with no load restrictions.
   Progress: *As identified in this report, 94% of all City (BP) bridges are currently open with no load restrictions. Two bridges have posted restrictions for commercial vehicles: and two bridges have posted restrictions for emergency vehicles. Further details are provided in the following pages.*



Cincinnati Enquirer Picture: Derailment of CSX train at Gest Street overpass, January 2021

BRIDGE LOAD RATINGS, POSTING AND OVERLOADS

BACKGROUND

In accordance with the National Bridge Inspection Standards (NBIS), all bridges on public roads must be load rated for all legal vehicles and, if necessary, posted with a weight restriction. In recent years, the trucking industry has introduced closely-spaced, multi-axle single unit trucks, such as dump trucks, construction vehicles, solid waste trucks and other hauling trucks, which typically have 4 to 7 axles. In addition, the FHWA recognized that "heavy-rescue" type emergency vehicles typically used by fire departments have tended to become larger and heavier. These 2 or 3 axle emergency vehicles violate traditional axle weight limits, but have become more and more common in many fire departments, including the City of Cincinnati.

The response to these observations was the creation of new load configurations mandated by Federal law to be used in load rating bridges. These load configurations take the form of representative "vehicles" with specific axle loads and spacings. These loads are referred to as "SHVs" (or Special Hailing Vehicles) which represent the commercial trucks, and "EV's" (or Emergency Vehicles) which represent the heavy-rescue type emergency vehicles, both of which are now considered legal under current federal and state criteria. Recent studies have found that the effect of these vehicles could cause overloading of certain in-service bridges beyond acceptable standards.

If the results of a load rating analysis indicate the need for a bridge to be posted, one of two types of signs are now required: one for Emergency vehicles only and one for all commercial vehicles. A bridge that is posted for commercial vehicles does not need additional posting for Emergency vehicles. The latest version of load posting signs in Ohio are shown to the right.

Generally, load postings are a result of either new loads (SHV's or EV's) on bridges that were designed for different load configurations, a result of reduced load carrying capacity due to deterioration of the bridge, or a combination of both.





Current Load posting signs for bridges in Ohio.

Above top: Posting for commercial vehicles (here Martin Drive)

Above bottom: Posting for Emergency vehicles (here Springlawn Ave)

Cincinnati Bridge Posting and Overload

There are a total of 91 bridges on Cincinnati public streets for which DOTE is responsible for posting weight limits if necessary. Through continued efforts by DOTE, all Federal and State requirements for updated load ratings have been met to date. Currently 7 of these bridges have active load restrictions:

Four City (BP) bridges currently have load restrictions. The Brighton Approach Bridge over Central Parkway and the Stillwell Rd Bridge over Amberley Creek both have posted restrictions for commercial vehicles. Additionally, the Spring Lawn Ave Bridge over Ludlow Run and the Park Ave Bridge over Kemper Lane are load posted for EVs as a result of the newly required EV rating loads previously discussed. These four posted bridges result in 94% of City (BP) bridges being open with no load restriction, which is slightly below the goal of 95% for Performance Measure #3. The cause of this situation is two-fold.

First, the Brighton Approach bridge was added to the City's inventory in 2018, having previously been ODOT's responsibility and for which ODOT had already posted a load restriction. Prior to that, DOTE still met the 95% goal, and had already initiated planning activities for a project to address the structural deficiencies of the bridge and eliminate the load restriction. DOTE has since secured $4.8M in federal and state grants to help fund the project, which is currently slated for construction to begin in 2024.

Second, the addition of the new "EVs" to the required load rating vehicles resulted in the need to post weight restrictions on the two bridges mentioned above, with no change in the bridges' condition.

As a result, the percentage of bridges open with no weight restrictions is slightly below the stated goal due solely to circumstances beyond DOTE's control. However, as previously mentioned, DOTE is currently undertaking a project that will ultimately eliminate the load restriction on the Brighton Approach bridge, for which funding has been secured. Also, during 2021, funding was secured for a partial rehabilitation of the Park Ave Bridge over Kemper Lane, which will be available in 2025. The project includes specific repairs which will strengthen the bridge and eliminate the need for the load restrictions.

There are two County bridges with load restrictions for commercial loads. The East Fork Rd Bridge over the Duck Creek has been posted since 1993 due to its condition. The Western Hills Viaduct was load posted in spring 2020 due to a combination of new legal loads and capacity reductions due to the condition of the structure. The replacement of the Western Hills Viaduct scheduled for later this decade (see page 24 of this report for details) will eliminate this load restriction.

The only City (Other) bridge with load restrictions for commercial vehicles is the Martin Drive Coal Room in Eden Park. The signage for this structure was installed in 2019.

In addition to these 7 bridges, there are 2 more posted bridges within the City of Cincinnati, both maintained by ODOT. Those are the Martin Drive Ramp bridges off US 50.



Above: Park Avenue Bridge over Kemper Lane with Load Posting sign for Emergency Vehicles.

BRIDGE CONDITIONS

In accordance with the ODOT Bridge Design Manual, all bridges inspected by DOTE are assigned a condition rating using a 0 to 9 scale, as summarized in the table below. The individual ratings for all 71 City (BP) bridges, all 27 County bridges, and all 8 Wasson Way bridges are shown on **pages 10, 12 and 13** respectively. A summary of the ratings for all 238 inspected bridges is shown in tabular form on **page 16**.

EXPLANATION OF RATING SYSTEM

Rating	Description
9 • Excellent	
8 • Very Good	No problems noted.
7 • Good	Some minor problems.
6 • Satisfactory	Structural elements show some minor deterioration.
5 • Fair	All primary members are sound, but have minor section loss, etc.
4 • Poor	Advance section loss, etc.
3 • Serious	Loss of section has seriously affected primary members, local failures possible.
2 • Critical	Advance deterioration of primary members. Unless closely monitored, bridge closure possible.
1 • Imminent Failure	Major deterioration, bridge is closed.
0 • Failed	Out of service, beyond corrective action.

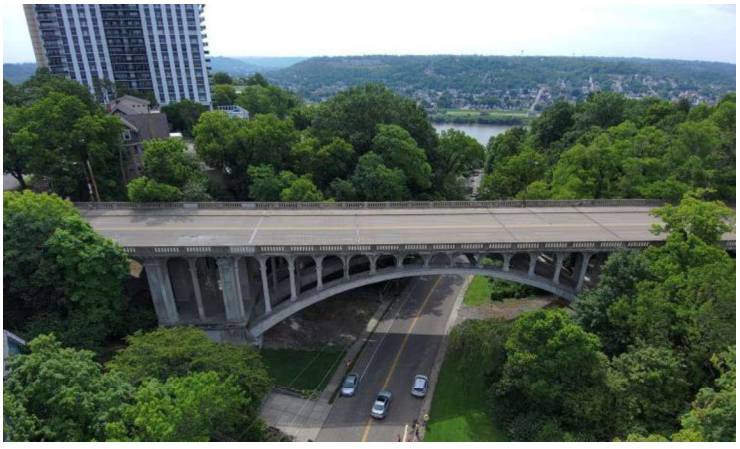
BRIDGE CONDITIONS

WEIGHTED AVERAGE BRIDGE RATING

In addition to assigning each bridge an individual condition rating, DOTE also uses a Weighted Average Bridge Rating to monitor the performance and communicate the effectiveness of the Bridge Program. The Weighted Average Bridge Rating is an adjusted average of all individual bridge condition ratings that accounts for the importance of the bridge as determined by its size. The weighted average is calculated using a size multiplication factor (SMF) between 1 and 5 as shown below.

The SMF for individual City and County bridges are listed in the tables on **pages 10 and 12**.

Size Multiplication Factor SMF	Deck Area (ft^2)	Number of City BP Bridges	Number of County Bridges
1	Under 5,000	39	9
2	5,000–10,000	4	11
3	10,001–20,000	11	2
4	20,001–40,000	13	2
5	Over 40,000	4	3



DOTE has been using the Weighted Average Bridge Rating for over thirty years and has found it to be an effective tool to stress the importance of larger viaducts while not ignoring the conditions of smaller structures. The Weighted Average Bridge Rating for both City (BP) bridges and County bridges from 1987 to 2021 is shown in graphical form at the bottom of **page 16**.

The current Weighted Average Bridge Rating for City (BP) bridges is **6.85**. The current Weighted Average Bridge Rating for County bridges within the City limits is **6.50**.

The average bridge rating for the Wasson Way bridges is shown on **page 13** and is just the straight average as some of these bridges do not have bridge decks and therefore a weighted average by deck size would not be appropriate.



Above: Van Hart Bridge - Deck Area: 1,710 SF, SMF = 1

Left: Park Avenue Bridge over Kemper Lane - Deck Area: 30,680 SF, SMF = 4

2021 CITY (BP) INDIVIDUAL BRIDGE RATINGS

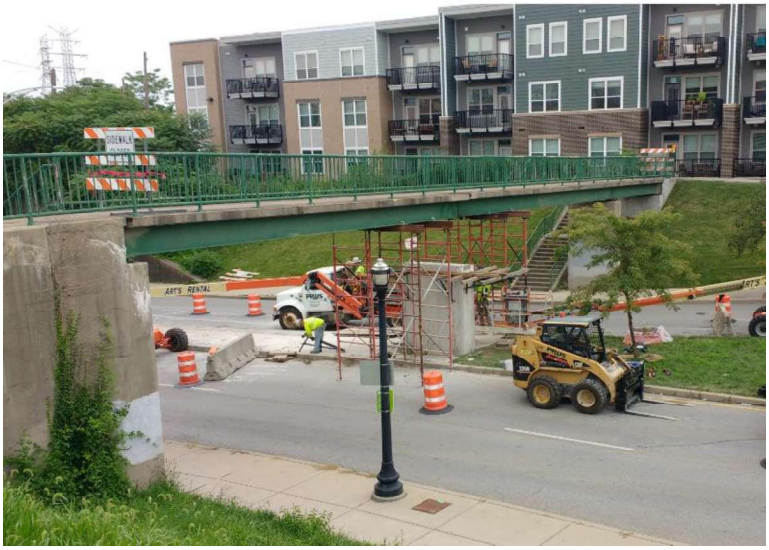
Bridge	Structural File No.	Deck Area (sq. ft.)	SMF	Year Built	Last Rehabbed	Inspection Ratings 2020	→	2021
Aaron Raines Street over RR (Burns Street Ramp)	3160270	3,321	1	2009	2009	7	→	7
Beekman Street Pedestrian Overhead at Elmore	3160068	1,035	1	1970	1970	7	→	7
Bramble Avenue Bridge over Little Duck Creek	3160556	2,565	1	1931	1989	7	→	7
Brighton Approach Bridge	3101533	3,520	1	1925	1925	4	→	4
Celestial Street Pedestrian Bridge over Columbia Parkway	3103455	1,320	1	1938	1958	6	→	6
Central Incinerator Approach Bridge over Mill Creek	3160610	9,019	2	1953	1953	5	→	5
Central Parkway over Rapid Transit Tubes S. of Hopple Street	3199924	18,711	3	1924	1924	5	→	5
Central Parkway over Rapid Transit Tubes - Walnut to Draper	3199937	422,280	5	1922	1922	5	→	5
Coliseum Pedestrian Bridge from Taylor Southgate Bridge	3199928	1,000	1	1995	1995	6	→	6
Coliseum Pedestrian Bridge over Taylor Southgate Bridge	3101355	11,300	3	1975	1975	7	→	7
Coliseum/Stadium Plaza Overhead over Broadway (Platform A)	3101940	38,525	4	1975	1975	6	→	6
Dalton Avenue under C.U.T. Approach Drive	3160017	25,248	4	1931	1931	7	→	7
Dana Avenue Pedestrian Bridge North of Madison Road	3161455	3,468	1	1973	1973	7	→	7
Dreman Avenue Bridge over West Fork Channel	3160432	3,693	1	1999	1999	8	→	8
Duck Creek Rd Extension over Deerfield Creek	3161945	3,000	1	2017	2017	8	→	8
Elm Street Cable Stayed Pedestrian Bridge over FWW - East Side	3106179	2,845	1	2000	2000	8	→	8
Elm Street Cable Stayed Pedestrian Bridge over FWW - West Side	3106063	2,845	1	2000	2000	8	→	8
Elm Street over Pete Rose Way and Parking Lots	3161978	36,960	4	2000	2000	7	→	7
Elmhurst Street Pedestrian Bridge over Torrence Parkway	3162494	1,155	1	1950	1950	5	→	5
Erie Avenue Bridge over Duck Creek	3160882	4,136	1	1900	1980	7	→	7
Erie Avenue Bridge over Wasson Way	3160602	1,955	1	2001	2001	6	→	6
Erie Avenue Bridge over Red Bank Road	3160998	12,800	3	1943	1980	7	→	7
Erie Avenue Bridge over SORTA	3160939	12,800	3	1943	1980	7	→	7
Este Avenue Extension Culvert at Ridgewood Arsenal	3161412	2,250	1	1990	1990	7	→	7
Freedom Way Center over Parking Garage between Race and Rosa Parks Street	3165337	34,604	4	2011	2011	8	→	8
Freedom Way East over Parking Garage between Walnut and Main Streets	3165396	34,869	4	2011	2011	8	→	8
Freedom Way West over Parking Garage between Elm and Race	3165280	24,450	4	2011	2011	8	→	8
Gest Street Bridge over CIND Railroad	3161277	2,195	1	1919	1999	7	→	7
Gest Street Bridge over Mill Creek	3161749	4,373	1	1997	1997	8	→	8
Gest Street Ramp E. of Linn Street	3161358	3,049	1	1963	1992	6	→	6
Gest Street Ramp W. of Linn Street	3161366	3,049	1	1963	1992	6	→	6
Gilbert Ave. Pedestrian Overhead S of Court Street	3100774	807	1	1970	1970	7	→	7
Grand Ave over Lick Run	3160003	3,273	1	2019	2019	8	→	8
Hutton Avenue Pedestrian Bridge over SORTA	3169920	1,150	1	1930	1930	5	→	5
Ida Street Viaduct over Wareham	3160076	14,356	3	1931	2015	8	→	8
Joe Nuxhall (Main Street) Bridge over Parking Garage	3161900	27,730	4	2004	2004	8	→	8
Kebler Avenue over Lick Run	3160004	1,761	1	2019	2019	8	→	8
Kennedy Connector Bridge over Duck Creek	3162958	11,031	3	2013	2013	8	→	8
Kennedy Connector Bridge over SORTA/IORY	3163008	23,432	4	2013	2013	8	→	8
Kenton Street Bridge over Florence	3160130	13,275	3	1998	1998	7	→	7
Lincoln Avenue Bridge over Open Land	3161838	16,500	3	1953	1953	7	→	7
Madison Road Pedestrian Bridge East of IORY	3161936	816	1	1959	1982	8	→	8
Madison Road Pedestrian Bridge West of IORY	3161889	774	1	2020	2020	5	→	7
Main Street Cable Stayed Pedestrian Bridge over FWW - East Side	3106462	2,845	1	2000	2000	7	→	7
Main Street Cable Stayed Pedestrian Bridge over FWW - West Side	3106403	2,845	1	2000	2000	8	→	8
Marian Spencer (Walnut) over Parking Garage	3162877	22,185	4	2004	2004	7	→	7
Mehring Way Pedestrian Overhead Bridge to Coliseum	3199927	13,262	3	1975	1975	6	→	6
Mitchell Avenue Bridge over Mill Creek	3160440	14,347	3	1959	1959	6	→	6
Monastery Street Bridge over Open Land	3161404	11,324	3	1984	1984	5	→	5
Park Avenue Bridge over Kemper	3160777	30,680	4	1917	1917	6	→	6
Powers Street Bridge over West Fork Channel	3160904	4,799	1	2001	1939	8	→	8
Quebeck Rd over Lick Run	3160006	2,397	1	2019	2019	8	→	8
Race Street Bridge over Pete Rose Way and Parking Lots	3162036	52,629	5	2000	2019	8	→	8
Railroad (Abandoned) over I-71 North of Elsinore	3106748	5,440	2	1970	1970	6	→	6
Roe Street Bridge over Little Duck Creek	3161005	1,692	1	1930	1930	7	→	7
Rosa Parks Bridge (former Vine) over Parking Garage	3161781	22,214	4	2003	2002	7	→	7
Rosslyn Drive Bridge over Duck Creek	3162338	2,820	1	1943	1943	6	→	6
Second Street Connector from Clay Wade Bailey (Ramp D)	3160661	25,617	4	2001	2001	8	→	7
Second Street over Transit Center - East End	3160866	61,812	5	2001	2001	5	→	5
Second Street over Transit Center - Elm to Main Streets	3160696	178,641	5	2001	2001	8	→	7
Second Street over Transit Center - West Approach	3160688	27,302	4	2001	2001	8	→	8
Settle Street Bridge over Little Duck Creek	3161188	1,888	1	1996	1996	7	→	7
Sixth Street Expressway Pedestrian Bridge West of Harriet	3102831	1,251	1	1965	1965	6	→	6
Sonoma Court Culvert	3162753	1,474	1	2004	2004	8	→	8
Southside Avenue over Conrail/CSX	3161528	5,263	2	1992	1992	8	→	8
Spring Lawn Avenue Bridge over Branch of Ludlow Run	3161285	434	1	1925	1925	5	→	5
Stillwell Road Bridge over Amberly Creek (N. of Summit)	3161331	840	1	1954	1954	5	→	5
Van Hart Street over Lick Run	3160005	1,710	1	2019	2019	8	→	7
Victory Parkway Pedestrian Overhead South of I-71	3161374	2,090	1	1972	1972	6	→	6
West Eighth Street Bridge over Fairbanks Avenue	3162702	8,568	2	1955	1955	7	→	7
West Eighth Street Bridge over Woodlawn Avenue	3162656	4,704	1	1955	1955	6	→	6
		Total Deck Area (sq. ft.)				*Average Weighted Rating*		
		1,358,318				**6.90**	→	**6.85**

CHANGES IN AVERAGE BRIDGE CONDITIONS OVER THE PAST YEAR – CITY BRIDGE PROGRAM

The change in Weighted Average Bridge Rating for City (BP) Bridges that occurred over the past year (from 6.90 in 2020 to 6.85 in 2021) was the cumulative result of the following 4 changes:

1. The condition rating of the **Madison Road Pedestrian Bridge West of IORY SFN 3161889** was increased from 5 (fair condition) to 7 (good condition), as a result of the 2020/2021 bridge rehabilitation.
2. The condition rating of the **Second Street Connector from Clay Wade Bailey (ramp D), SFN 3160661** was reduced from 8 (very good condition) to 7 (good condition), due to the condition of the substructure.
3. The condition rating of the **Second Street over Transit Center – Elm to Main Street, SFN 3160696** was reduced from 8 (very good condition) to 7 (good condition) due to the condition of the substructure.
4. *The condition rating of the **Van Hart Street Bridge over Lick Run, SFN 3160005** was reduced from 8 (very good condition) to 7 (good condition) due to the condition of the superstructure beams.

* See discussion about changes in rating guidelines on page 14.



Madison Road Pedestrian overpass west of IORY, during construction (above 2020) and after completion (below 2021)



2021 COUNTY INDIVIDUAL BRIDGE RATINGS

Bridge	Structural File Number	Deck Area (sq. ft.)	SMF	Year Built / Reconst.	Last Rehabbed	Inspection Ratings 2020	→	2021
Anthony Wayne Avenue Bridge over Mill Creek	3136388	6,452	2	1992		8	→	8
Beekman Street Bridge over West Fork Channel	3136426	3,256	1	1912	1995	7	→	7
Berkshire Lane Culvert 400' North of Beechmont	3136450	1,767	1	1986		7	→	7
Center Hill Avenue Bridge over Mill Creek	3136469	6,702	2	2014		8	→	8
Clifton Avenue Bridge over Mill Creek	3136353	8,729	2	1935	2010	8	→	8
East Fork Avenue Bridge over Little Duck Creek	3136574	1,512	1	1952		5	→	5
Eighth Street Over Railroads, W. of Eighth Street Viaduct	3136639	7,110	2	2008		7	→	7
Eighth Street Viaduct over Evans Street, Mill Creek, Etc.	3136582	190,610	5	1929	2008	6	→	6
Galbraith Road Bridge over Anthony Wayne and Conrail	3136612	20,808	4	1949		5	→	5
Harrison Ave over Lick Run	3136338	9,833	2	2019		8	→	7
Hopple Street Viaduct over Mill Creek, Railroad & Spring Grove Avenue	3136337	115,560	5	1916	1986	6	→	6
Kennedy Avenue Bridge over IORY	3136672	9,723	2	1933		8	→	7
Madison Road Bridge over Duck Creek E. of Ridge Road	3136728	2,352	1	1929	1992	7	→	7
Marburg Avenue Bridge over former RR	3130003	5,104	2	2017		9	→	8
North Bend Road Bridge over Kirby Road	3136795	6,776	2	1951		5	→	5
North Bend Road Bridge over Mill Creek	3137139	8,404	2	1995		8	→	8
Plainville Road Arch over Little Duck Creek	3136817	1,188	1	1915		6	→	6
Red Bank Expressway Culvert at Deerfield Channel N. of Duck Creek Rd	3136841	3,570	1	1969		6	→	6
Red Bank Expressway Culvert At Deerfield Channel S. of Madison Rd.	3136868	28,000	4	1970		7	→	7
Seymour Avenue Bridge over Mill Creek	3136922	8,326	2	1994		7	→	7
Spring Grove Avenue Bridge over Mill Creek E. of Kings Run	3137074	13,448	3	1993		7	→	7
Spring Grove Avenue Bridge over Mill Creek South of Colerain	3137031	17,365	3	1970		7	→	7
West Fork Road Bridge over Tributary of West Fork Channel	3137155	2,755	1	2000		8	→	8
West Fork Road Bridge over West Fork Channel - 2nd W. of Montana	3137147	3,143	1	2000		8	→	8
West Fork Road Bridge over West Fork Channel at Montana	3137090	3,476	1	1928	1991	6	→	6
Western Hills Viaduct	3137082	221,920	5	1931	1978	4	→	4
Wooster Road Bridge over Duck Creek	3137112	5,816	2	1961		7	→	7
		Total Deck Area (sq. ft.)				*Average Weighted Rating*		
		703,982				6.60	→	6.50

CHANGES IN AVERAGE BRIDGE CONDITIONS OVER THE PAST YEAR – COUNTY

The change in weighted average rating of County bridges from 6.60 in 2020 to 6.50 in 2021 is the cumulative result of the following 3 changes:

1) *The condition rating of the **Harrison Avenue Bridge over Lick Run**, **SFN 3136338** was reduced from 8 (very good condition) to a 7 (good condition) due to the condition of the superstructure beams.
2) *The condition of the **Kennedy Avenue Bridge over IORY**, **SFN 3136672** was reduced from 8 (very good condition) to a 7 (good condition) due to the condition of the superstructure beams.
3) The condition of the **Marburg Avenue Bridge over Wasson Way SFN 3130003** was reduced from 9 (excellent condition) to 8 (very good condition) due to the condition of the substructure.

* See discussion about changes in rating guidelines on page 14.



Ongoing part-width construction work at the Galbraith Ave Bridge over Anthony Wayne and RR

2021 WASSON WAY INDIVIDUAL BRIDGE RATINGS

Bridge	Structural File Number	Bridge Length (ft.)	Year Built / Reconst.	Last Rehabbed	Inspection Ratings 2020	→	2021
Wasson Way Culvert over Little Duck Creek [1,2]	3199930	40	1940		5	→	5
Wasson Way over Ault Park [2,3]	3199931	225	1924	2021	3	→	5
Wasson Way over Columbia Parkway [1]	3103846	129	1962	2013	7	→	7
Wasson Way over Grovedale Place	3161073	54	1929	2018	8	→	8
Wasson Way over I-71	3114759	267	1972	2019	7	→	7
Wasson Way over Ramp from SB I-71	3114740	106	1973	2019	8	→	8
Wasson Way over Red Bank Rd [1]	3140032	430	1914	1924	4	→	4
Wasson Way over Wooster Rd [1]	3140024	79	1895	1924	2	→	2
					Average Rating		
					5.50	→	5.75

[1] Outside of Cincinnati City Limits

[2] Not over a highway

[3] Ongoing construction, rating reflects condition at time of inspection

In 2016, the City purchased a 4.1 mile long former railroad corridor from Norfolk Southern to create a mixed use trail. As part of this acquisition, eight structures formerly owned by the railroad became City property, with four of these bridges located outside of the City limits in Fairfax.

The average rating for the Wasson Way Bridges changed from 5.5 in 2020 to 5.75 in 2021, as a result of the following change:

1) The condition of the **Wasson Way Bridge over Ault Park, SFN 3199931** was increased from 3 (serious condition) to 5 (fair condition) as a result of the rehab work that began in the summer of 2020. This bridge rehabilitiation project is still ongoing and a further increase in condition is expected as a result of the remaining work. Any change in condition will be reported as part of the 2022 inspection.



Railing installation at the Wasson Way Bridge over Ault Park

Changes in Rating Guidelines

During 2021 several addenda to the ODOT Manual of Bridge Inspection were issued which include new guidance for condition ratings of two particular items: expansion joints and prestressed concrete box beams.

The condition ratings for expansion joints became stricter, resulting in lower ratings for such joints on a few City bridges. However, the condition of individual expansion joints does not control the overall condition rating of a bridge, so no effect is seen in the overall ratings due to this change.

The rating guidelines for prestressed concrete box beams became stricter as well. The revised rating guidelines require lower condition ratings for prestressed box beams with concrete cracking, regardless of the crack width or associated leakage, which primarily affects bridges in the satisfactory to very good condition range (ratings 6 to 8). This is likely due to ODOT's experience with a large inventory of prestressed box beam bridges showing evidence that early cracking can be indicative of the onset of prestressing strand corrosion. Unlike expansion joints, the condition ratings of prestressed box beams alone will control the summary rating of the deck and superstructure, and likely control the overall rating of a bridge, and therefore these new guidelines have resulted in lower overall ratings for some bridges in the City inventory. These types of beams are typically used for short span structures and there are a total of 22 bridges with these types of beams in the City inventory: 10 City (BP), 7 County, and 5 FWW bridges. The City began implementing the stricter rating guidelines on July 1, 2021. Six bridges with these types of beams were inspected after that date and assigned a lower overall rating due to the new guidelines. These include the Van Hart bridge over Lick Run (City (BP)), Kennedy Avenue Bridge over IORY, Harrison Avenue Bridge over Lick Run (both County), and Race Street, Vine Street and Walnut Street Bridges over FWW. The remaining bridges of this type either were not affected by the new guidelines or had already been inspected prior to July 1, 2021 and will be evaluated using the stricter guidelines during the 2022 inspection cycle.



Above: underside of prestressed box beam bridge at Race Street over FWW



Above: monitoring cracking in prestressed concrete box beams, here van Hart bridge over Lick Run

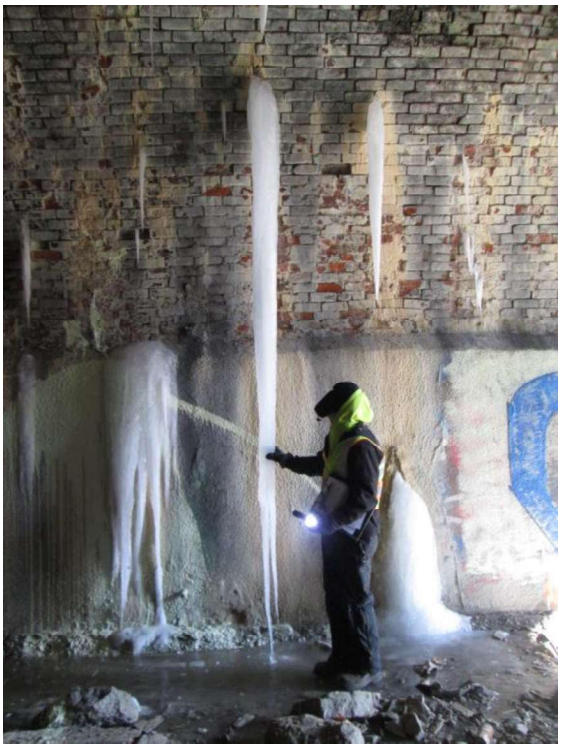
Changes in Inspection Frequency - Reliability Based Inspection (RBI)

Until July 2021, all bridges in Ohio were required to be inspected at a frequency of at least once within a given calendar year, but not longer than 18 months between consecutive inspections, in accordance with State Law and ODOT requirements. In 2021, Ohio HB 74 of the 134th General Assembly was passed into law which revised various sections of the Ohio Revised Code that pertain to the frequency of bridge inspections, becoming effective on July 1, 2021. The new requirements established by ODOT based on the law change allow for inspection intervals of either 12 or 24 months, depending on certain criteria. This approach is referred to as Reliability Based Inspections (RBI). The more frequent 12-month inspection interval is required for bridges meeting the following criteria: bridges with posted load restrictions, those designated as fracture critical or scour critical, bridges built or rehabilitated within the past 3 years, and bridges that have a condition rating less than 7 ("good" condition). All other bridges are permitted to be inspected at an interval not to exceed 24 months. Note that these intervals are strict maximums, i.e. an inspection for a given bridge must be completed within the same calendar month as the previous inspection and may not exceed these intervals, as opposed to the previous requirements which allowed what essentially amounted to a 6-month "grace period". As with the previous requirements, bridges may be inspected more frequently than the required intervals if desired.

The potential implications of these changes for the City's bridge inspection program include: less flexibility in the inspection planning, a steady moving forward of the annual inspection schedule, a potential reduction in the overall number of annual bridge inspections, reduction in consistency of annual bridge condition data, and potential changes to the bridge program performance measures.

DOTE's typical annual bridge inspection cycle occurs within the calendar year starting in March and lasts through early December. Since the change in intervals occurred mid-cycle during 2021 (July), DOTE continued the inspections for all bridges on essentially the same annual cycle previously required, while making adjustments as needed to meet the new strict 12-month deadline for all applicable bridges.

Of the 238 bridges currently on the City's inspection inventory, 98 would require a 12-month inspection interval under the new law, while 140 qualify for the longer 24-month interval. DOTE evaluated options to implement the new interval requirements, taking into consideration the previously mentioned implications, and comparison to the previous annual inspection routine. Based on this evaluation, DOTE has decided to continue to inspect all bridges on essentially the same annual basis as previous requirements, with adjustments made as needed to meet the strict 12-month interval for applicable bridges. DOTE chose this course primarily because it maintains a consistent annual data set and weighted average bridge rating, simplifies planning and scheduling of the annual inspection cycle, and allows for a cohesive annual bridge report. After the first full year of implementation of this adjusted approach, this decision may be revisited, and the parameters used to inform the decision making may be adjusted based on the gained experiences.



Above: wintertime inspection of abandoned railroad tunnel

2021 INDIVIDUAL BRIDGE RATINGS SUMMARY

Number of Bridges: 2020 → 2021

	City (BP)	County	Wasson	FWW	City Skywalk	City Other	Railroad	Private	TOTAL
9 • Excellent	0 → 0	1 → 0	0 → 0	0 → 0	0 → 0	0 → 1	0 → 0	1 → 1	2 → 2
8 • Very Good	25 → 22	8 → 7	2 → 2	4 → 1	2 → 2	0 → 1	1 → 1	11 → 9	53 → 45
7 • Good	21 → 25	9 → 11	2 → 2	1 → 4	9 → 8	5 → 7	8 → 8	12 → 15	67 → 80
6 • Satisfactory	14 → 14	5 → 5	0 → 0	0 → 0	1 → 1	7 → 5	15 → 15	11 → 11	53 → 51
5 • Fair	10 → 9	3 → 3	1 → 2	0 → 0	0 → 0	1 → 1	3 → 4	8 → 7	26 → 26
4 • Poor	1 → 1	1 → 1	1 → 1	0 → 0	2 → 3	0 → 0	8 → 8	5 → 4	18 → 18
3 • Serious	0 → 0	0 → 0	1 → 0	0 → 0	0 → 0	0 → 0	12 → 10	2 → 2	15 → 12
2 • Critical	0 → 0	0 → 0	1 → 1	0 → 0	0 → 0	0 → 0	2 → 3	0 → 0	3 → 4
1 • Imminent Failure	0 → 0	0 → 0	0 → 0	0 → 0	1 → 0	0 → 0	0 → 0	0 → 0	1 → 0
0 • Failed	0 → 0	0 → 0	0 → 0	0 → 0	0 → 0	0 → 0	0 → 0	0 → 0	0 → 0
Total	71 → 71	27 → 27	8 → 8	5 → 5	15 → 14	13 → 15	49 → 49	50 → 49	238 → 238

Explanation of changes in bridge inventory numbers:

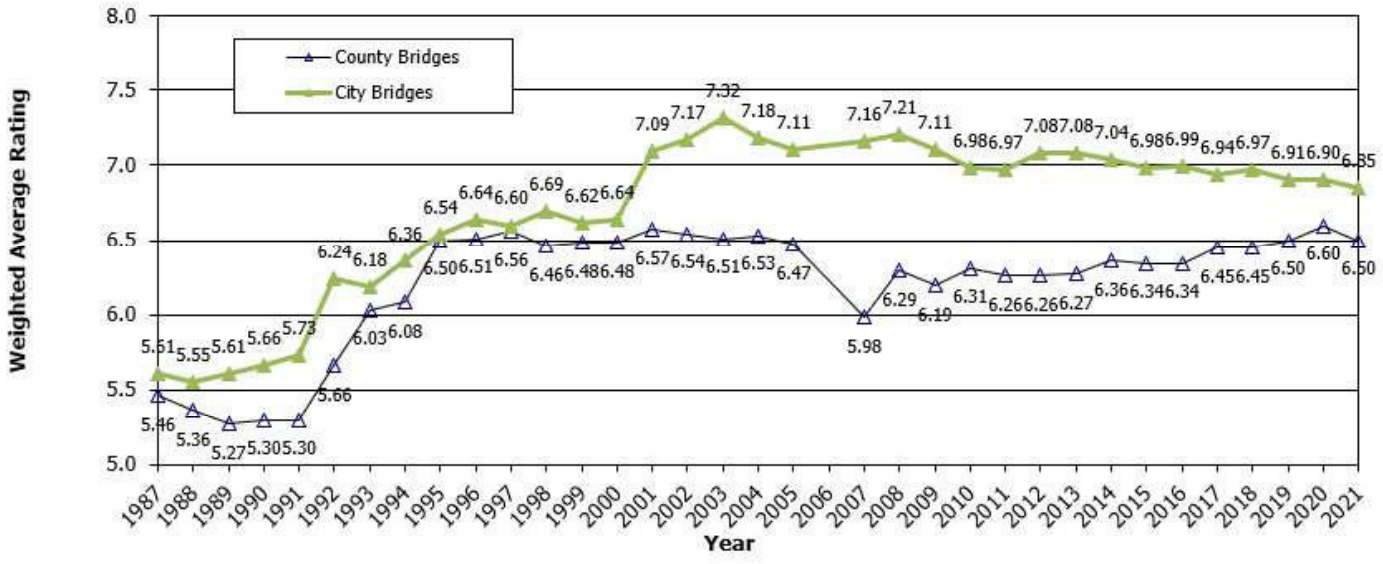
CITY Skywalk: *Removal of the Elm Street Convention Way Pedestrian overpass (SFN 3199993)*

City Other Bridges: *Addition of the Boardwalk over Lick Run W of Quebec (SFN 3191017)*

Addition of the Pedestrian Truss over Lick Run (SFN 3190104)

Private Bridges: *Removal of the Sixth Street Pedestrian Overhead at Rusconi Place (SFN 3199979)*

Weighted Average Bridge Ratings



PROJECT STATUS OF BRIDGES RATED IN POOR OR WORSE CONDITION

Condition Rating = 2 (Critical)

There are four bridges with a condition rating of 2 or "critical". One is owned by the City and three are owned by others.

The first is the *Wasson Way over Wooster Road* bridge for which the stringers have advanced deterioration affecting the load path. While the bridge is unsafe to carry live loads, it poses no danger to traffic below, provided it is not loaded. The bridge is currently closed and fenced off to all traffic.

The second one is the *Lancaster pedestrian tunnel under SORTA*. The cracked walls and heaved floors are a concern for the overall stability of the tunnel. Since it no longer serves a purpose, it should be filled in or removed. The condition of the tunnel was brought to the attention of the owner (SORTA) and rail operator (I&O), and access through the tunnel has been closed off by DOTE since 2019.

The third one is the *Gest Street Chessie Overhead – 1st East of Mill Creek* which is owned and maintained by CSX. The condition of the floorbeams and stringers, which are rusted completely through in many places, is controlling the rating. A special close-up investigation for the most concerning members of this bridge was performed in September 2021 by DOTE and the results have been brought to the attention of CSX.

The fourth bridge rated in critical condition is the CSX overpass over 5th Street west of Linn Street. Multiple sheared off bolts and several fatigue cracks in some of the steel beams caused the City to close one lane of 5th Street below the bridge. In the meantime, CSX has made repairs to the affected members and the roadway has now been reopened to all traffic. The rating for this bridge will be updated following the 2022 inspection.

Condition Rating = 3 (Serious)

Twelve (12) bridges have a condition rating of 3. Ten (10) of these bridges are owned and maintained by railroads and two (2) by private owners. The condition of these bridges have been called to the attention of their respective owners.



Above: Perforated floorbeams under the Gest Street Chessie overhead – 1st East of the Mill Creek.

Below: perforated stringer on the same bridge



Condition Rating = 4 (Poor)

Eighteen bridges have a condition rating of 4, which are the responsibility of various owners, including the City.

Eight are owned and maintained by railroads and four by private owners. The conditions of these bridges have been called to the attention of their respective owners.

Three of these bridges are part of the skywalk system. The first skywalk bridge in poor condition is the *5th Street Pedestrian Overhead West of Elm Street,* which is maintained by the City and the Convention Center. The bridge is closed to all traffic and is scheduled to be removed in the near future by the Port as part of the redevelopment of the property to the south of the bridge. The other two skywalk bridges are the *Sixth Street Pedestrian Overhead East of Plum Street*, and the adjacent *Plum Street Pedestrian Overhead North of 6th Street*, which are owned and maintained by the Port of Cincinnati. Both bridges are currently being repaired and the most concerning issues are being addressed. It is expected that the condition rating for these bridges will be significantly improved after the completion of the ongoing repairs.

The remaining three bridges rated in poor condition are maintained by DOTE: one Wasson Way bridge, one County bridge and one City (BP) bridge, as follows:

- *Wasson Way Bridge over Red Bank Road:* The condition of the substructure units, namely the concrete pier caps and west abutment, govern the rating of this bridge. Extensive repairs will be necessary before the bridge can be put into service. The bridge is currently closed to all traffic.
- *Western Hills Viaduct (County Bridge):* Planning and design work is continuing for the replacement of the Western Hills Viaduct. A full discussion of the Western Hills Viaduct can be found on **page 24** of this report.
- *Brighton Approach Bridge over Central Parkway (City BP Bridge):* This bridge was transferred from ODOT's bridge inventory to the City in 2018. Prior to the bridge transfer, ODOT had initiated a study to repair, replace or remove this load restricted structure. DOTE has continued this work, most recently conducting public involvement activities, culminating in the decision to replace the bridge. A combination of State and Federal grants with local matching funds totalling $6M has been secured, and a City directed consultant has been hired to develop the construction plans. Construction is anticipated to begin in 2024.



Removal of delaminated concrete from the Brighton Street Bridge over Central Parkway.

INVESTMENT IN OUR BRIDGE INFRASTRUCTURE

CITY (BP) BRIDGES

Maintenance, repair, and replacement of City (BP) bridges is funded with both City operating and capital funds. These funds are leveraged, when possible, with state and federal funds.

DOTE's goals are to maintain a weighted average bridge rating of 6, "Satisfactory" condition, or better and to have at least 95% of City (BP) bridges open without load restrictions. The Smale Infrastructure Commission Report recommended an annual investment of $2,000,000 to maintain this portion of the city's bridge infrastructure. This recommendation was in 1988 dollars to maintain a deck area of approximately 1,000,000 square feet. Since 1988, the bridge program has been maintaining a steadily increasing bridge deck area which at this time is over 1,350,000 square feet and has an estimated replacement value of $750,000,000. The current 2022 Operating and Capital funding levels for City (BP) bridges are $70,000 and $717,000 respectively. The funding for 2023 is expected to be $60,000 and $703,000, respectively.

The current level of City funding alone is insufficient to achieve the program goals and a reliance on outside funding has been and will continue to be necessary. DOTE aggressively pursues outside funding sources to maintain Cincinnati's public infrastructure. Successful leveraging of outside funds is imperative to maintaining and improving the condition of Cincinnati's bridges. However, even with successful leveraging of outside funds, it is becoming increasingly difficult to keep up the steadily increasing capital maintenance needs, and at some point, the replacement value may be too great to overcome.

The following table indicates the level of outside funding that the City has obtained over the past 29 years for the City Bridge Program. Due to a 2007 change in State law (H.B. 67 07-03-2007 affecting ORC 5501.49 and ORC 5591.02) that removed bridges over state routes from the local inventory, many of the below listed bridges are no longer in the City's bridge inventory.

The data show that leveraged funding for remaining City owned bridges (bridges not on State Routes) is less likely to be awarded and typically requires more local matching funds.

1993-PRESENT LEVERAGED FUNDING SUMMARY
CITY (BP) BRIDGE PROGRAM

Year	Bridge Name	Contract Bid Cost	% Fed	% State	% SCIP	% Local	Leveraged	Local
1993	Sixth Street Expressway (2 bridges) ★	$1,555,990	75%	25%			$1,555,990	$0
1996	Gest Street over the Mill Creek	$839,550			80%	20%	$671,640	$167,910
1997	Kenton Street over Florence	$1,589,170			80%	20%	$1,271,336	$317,834
1998	Dreman Ave. Bridge over West Fork Channel	$1,887,370			70%	30%	$1,321,159	$566,211
1998	Gest Street over CIND Railroad	$552,000			55%	45%	$303,600	$248,400
2000	Erie Avenue Bridge over N & W Railroad	$731,620			68%	32%	$498,968	$232,652
2003	Martin Drive Ramp over Columbia Parkway (Bridge Work Only) ★	$162,333		100%		0%	$162,333	$0
2003	Celestial Street Pedestrian Bridge (Bridge Work Only)	$172,727		57%		43%	$98,477	$74,250
2003	Roadway and Aesthetic Improvements with Columbia Parkway Bridge Project ★	$2,201,695		81%		19%	$1,781,337	$420,358
2006	Freeman Avenue over 6th Street Expressway with 6th Street Expressway ★	$103,702		100%		0%	$103,702	$0
2007	Waldvogel Real Estate Purchase of Hilltop Property ★	$5,000,000	84%			16%	$4,196,786	$803,214
2008	Burns Street Ramp – Replacement	$1,205,224			17%	83%	$204,888	$1,000,336
2010	Waldvogel Railroad Relocation (Const. Contract) ★	$6,012,400	84%			16%	$5,035,000	$977,400
2010	Waldvogel Real Estate Reimbursement 1 ★	$2,974,387	80%			20%	$2,379,510	$594,877
2011	Waldvogel Real Estate Reimbursement 2 ★	$1,419,698	80%			20%	$1,135,758	$283,940
2011	Waldvogel Reconstruction (Const. Contract) ★	$37,632,522	78%	1%	14%	7%	$35,111,294	$2,521,228
2013	Waldvogel Real Estate Reimbursement 3 ★	$634,261	80%			20%	$507,409	$126,852
2021	Brighton Approach Bridge Replacement	$6,000,000	33%		47%	20%	$4,800,000	$1,200,000
2021	Park Avenue Bridge Rehabilitation - Phase 1	$5,000,000		80%		20%	$4,000,000	$1,000,000
Total Costs		**$75,674,649**					**$65,139,187**	**$10,535,462**
★	**Bridges moved from the City Inventory to ODOT Inventory**	*$57,696,988* ★					*$51,969,119*	*$5,727,869* ★
	Bridges remaining in the City Inventory	*$17,977,661*					*$13,170,068*	*$4,807,593*

COUNTY BRIDGES

By contractual agreement with Hamilton County, the City of Cincinnati receives $1,000,000 annually from the Hamilton County Municipal Road Fund to inspect and maintain bridges that support improved roads which are of general and public utility running into or through Cincinnati. This funding level has remained constant since the initiation of the agreement in the late 1970's. As with City (BP) Bridges, this funding alone is insufficient to achieve the program goals and a reliance on outside funding has been and will continue to be necessary.

DOTE aggressively pursues outside funding sources to maintain public infrastructure. Successful leveraging of outside funds is imperative to maintaining and improving the condition of Cincinnati's bridges.

The following table indicates the level of outside funding that DOTE has obtained over the past years for the County Bridge Program. Because of the generally higher traffic volumes on these bridges, especially when over state routes, the funds received from Hamilton County are more likely to be successfully leveraged with outside funding sources. Due to a 2007 change in State Law (H.B. 67 07-03-2007 affecting ORC 5501.49 and ORC 5591.02) many of the below bridges were moved from the County's bridge inventory to the State inventory.

As the data in the below table indicate, leveraging funds for the remaining bridges, which are not on State routes, is less likely and generally requires more local matching funds.

1993-PRESENT LEVERAGED FUNDING SUMMARY

COUNTY BRIDGE PROGRAM

Year	Project	Contract Bid Cost	% Fed	% State	% SCIP	% Local	Leveraged	Local
1993	Columbia Parkway (2 bridges) ★	$1,497,545	70%	30%			$1,497,545	$0
1993	River Road over Muddy Creek ★	$759,740	75%	25%			$759,740	$0
1993	Sixth Street Expressway (10 bridges) ★	$4,130,761	75%	25%			$4,130,761	$0
1993	Spring Grove over Mill Creek	$2,065,260			80%	20%	$1,652,208	$413,052
1994	Seymour Avenue over Mill Creek	$1,945,780	80%		20%		$1,945,780	$0
1994	Beechmont Avenue Viaduct ★	$5,067,402	75%	25%			$5,067,402	$0
1995	Beekman Avenue over West Fork	$967,222			80%	20%	$773,778	$193,444
1995	North Bend Road over Mill Creek	$1,302,647	80%		20%		$1,302,647	$0
1993	Ludlow Avenue Viaduct ★	$9,229,975	75%	25%			$9,229,975	$0
1997	Columbia Parkway Viaduct ★	$10,900,000		100%			$10,900,000	$0
1999	Fort Washington Way Viaduct (3rd St. Viaduct) ★	$27,208,420		100%			$27,208,420	$0
1999	West Fork Bridges over West Fork Channel	$1,555,310			70%	30%	$1,088,717	$466,593
1999	River Road/Hillside Culvert at Bender ★	$2,198,465		100%			$2,198,465	$0
2001	Kellogg and Salem Avenue Bridges ★	$397,097		100%			$397,097	$0
2002	Western Hills Viaduct - West Plaza Repairs	$161,296			90%	10%	$145,166	$16,130
2003	Columbia Parkway Bridge West of Martin Drive Ramp (Bridge Work Only) ★	$3,599,019		100%			$3,599,019	$0
2004	Clay Wade Bailey Approach ★	$1,400,000		100%			$1,400,000	$0
2005	Norwood Lateral over Paddock and Reading Road Bridges ★	$396,755		100%			$396,755	$0
2006	6th Street Expressway Project (10 Bridges) ★	$631,560		100%			$631,560	$0
2007	Columbia Parkway over Beechmont, Linwood, Heekin & Ramp to Eastern ★	$73,830		100%			$73,830	$0
2008	8th Street Viaduct and 8th Street Bridge West of 8th Street Viaduct	$20,593,768	63%		17%	20%	$16,475,014	$4,118,754
2009	Clifton Avenue Bridge Superstructure Replacement	$1,535,000			70%	30%	$1,074,500	$460,500
2010	Western Hills Viaduct – Upper Deck Rehabilitation	$1,836,273			50%	50%	$918,136	$918,136
2012	Center Hill Avenue Bridge - Replacement	$3,415,883			33%	67%	$1,137,500	$2,278,383
2014	Western Hills Viaduct - ROW acquisition	$6,750,000			80%	20%	$5,400,000	$1,350,000
2017	Marburg Avenue Bridge Replacement	$2,098,818	51%		49%		$2,098,818	$0
2017	Western Hills Viaduct - Detailed Design (TRAC)	$6,250,000		80%		20%	$5,000,000	$1,250,000
2017	Western Hills Viaduct - ROW acquisition (TRAC)	$6,250,000		80%		20%	$5,000,000	$1,250,000
2018	Kennedy Ave Bridge Replacement	$2,886,000	100%				$2,886,000	$0
2019	Galbraith Rd Bridge Deck Replacement	$5,730,438			48%	52%	$2,640,000	$2,860,000
Total Costs		**$132,834,263**					**$117,028,833**	**$15,574,992**
★	**Bridges moved from the City Inventory to ODOT Inventory**	*$67,490,569*				★	*$67,093,472*	*$0*
	Bridges remaining in the City Inventory	$65,343,694					$49,935,361	$15,574,992

2021/2022 BRIDGE PROJECT SUMMARY

The following summarizes major activities on City (BP), County, and Wasson Way bridges that occurred in 2021 or will occur in 2022. Except as noted, DOTE staff performed plan development and construction management for these bridge projects.

2021/2022 CITY (BP) BRIDGE PROJECTS

Madison Rd Ped. Bridges – Superstructure Replacement & Repairs (City (BP) Bridges in Oakley)
This project consisted of the superstructure replacement of one of two existing 60-year-old pedestrian bridges over Madison Road. to address deterioration and accommodate an Oakley community "gateway" project, and rehab work on the second structure. The project was funded primarily by a combination of TIF and other economic development funds with a cost of $1.7M. The ribbon cutting for the eastern pedestrian bridge with the new gateway feature was in December 2020, and the finishing touches were applied to both bridges in spring 2021.

2nd Street Bridges PT inspection (City (BP) Bridges in Central Business District)
A city directed consultant performed an in-depth inspection of the condition of the post tensioning systems in the Second Street bridges over the transit center and the east approach to the transit center and provided recommendations for further investigations and repairs. Post tensioning systems are critical to structures but cannot be inspected with typical non-destructive methods. ODOT's nearby bridges of a similar type and built around the same time period as part of the Fort Washington Way reconstruction project were recently investigated and found to be in need of repair. The investigation of the Second Street bridges was funded with City bridge program capital funds at a cost of approximately $450,000. Field investigations were performed in fall 2021, followed by lab testing and issuance of the report in summer 2022.

2022 Central Incinerator Approach (Mill Creek Road) Bridge - Fracture Critical Bridge Inspection (City (BP) Bridge in South Cumminsville)
This project consists of performing the federally required 24-month-interval "arm's reach" inspection of all fracture critical members of the Central Incinerator Approach (Millcreek Road) Bridge over the Mill Creek. The inspection was be performed by a City directed consultant in May 2022 and is being funded with City bridge program capital funds.

2022 City (BP) Bridge Underwater Inspections This project consists of performing the federally mandated 60-month-interval underwater inspection of the Gest Street Bridge over the Mill Creek. The dive inspection was be performed by a City directed consultant. The field work for this project is scheduled for April 2022 and is being funded with City bridge program capital funds.

Main Street bridge over FWW at 3rd Street – Approach slab jacking. (FWW bridge in CBD).
This project consists of correcting the vertical offset between the approach slab and adjacent pavement via an engineered foam/grout injection process. Plans for this project were developed by a City directed consultant. This project was completed in the spring of 2022 at a cost of approximately $150,000 and was funded by a combination of City bridge program capital funds and streetcar funds.



Above: PT investigation at 2nd Street.

2021/2022 COUNTY BRIDGE PROJECTS

Western Hills Viaduct – Routine Maintenance (County Bridge in CUF and South Fairmont)
This project consisted of performing routine maintenance to keep the Western Hills Viaduct safe for the traveling public. It included the repair of impact attenuators and removal of loose concrete over traveled areas and select locations in the railroad yard, as well as cleaning of the drainage system. The maintenance was performed by the City's Public Services Department.

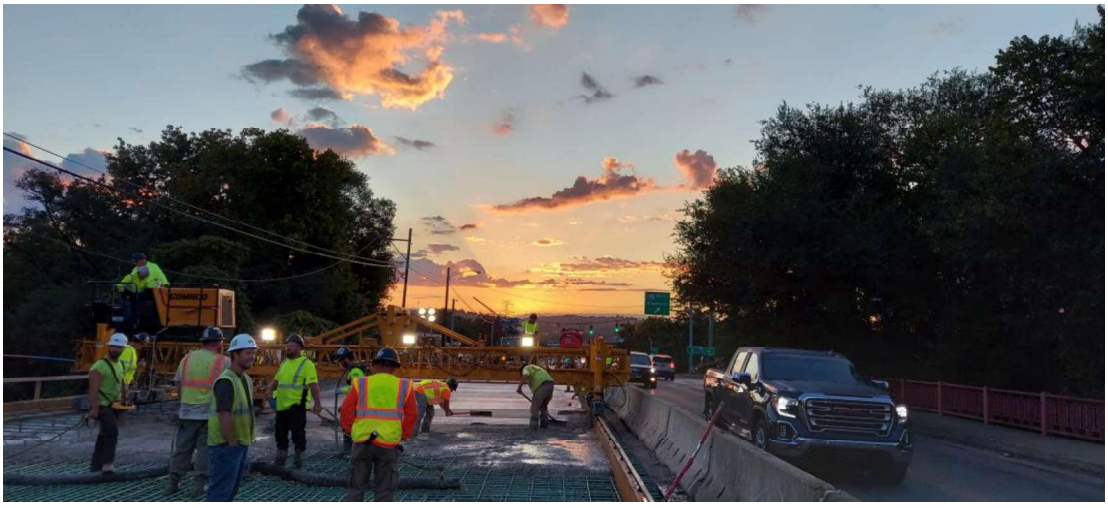
Kennedy Ave Bridge over IORY – Bridge Replacement (County Bridge in Kennedy Heights)
This project replaced the existing 87-year-old structure. Construction began in April 2020 and the new bridge was opened to traffic in January 2021, with construction reaching final completion in May 2021. The project was funded with 100% Federal outside funds at a total cost of $2.7M.

Galbraith Road over Anthony Wayne – Deck Replacement (County Bridge in Hartwell)
This project replaces the deck, sidewalks and railings of the 70-year-old structure. Outside funding in the amount of $2.64M was secured to cover a portion of the total $5.73M project. Construction began in 2020 and will be completed in two phases in order to maintain traffic on the bridge. Construction is currently scheduled to be completed in late 2022.

Western Hills Viaduct – Debris Netting (County Bridge in CUF and South Fairmont)
This project consisted of installing a debris shield under a portion of the upper deck, just west of Spring Grove Ave. This will eliminate the risk of debris falling onto the traveling public at this location. The project award cost was $37,000 and work was completed in June 2021.

2021 Western Hills Viaduct - Fracture Critical Inspection (County Bridge in CUF and South Fairmont)
This project consisted of performing a "hands on" inspection of every visible fracture critical member and selected fatigue-prone members within arm's length distance on the Western Hills Viaduct. Federal regulations require this inspection to be performed every 24 months. This inspection was completed by a directed consultant in May 2021. The project cost of $65,000 was funded with County MRF bridge funds. No critical findings were discovered during the inspection.

2022 County Bridge Underwater Inspections bridge This project consists of performing the federally mandated 60-months-interval underwater inspection of four County bridges: 8th Street Viaduct over the Mill Creek, Hopple Street Viaduct over the Mill Creek, Center Hill Avenue Bridge over the Mill Creek, and the Red Bank Road Culvert north of Madison Rd. The dive inspection was performed by a City directed consultant. Field work for this project was completed in April 2022 and was funded with County MRF bridge funds.



Left: Deck pour on the Galbraith Rd bridge over Anthony Wayne and RR

2021/2022 WASSON WAY BRIDGE PROJECTS

The Wasson Way corridor that was acquired in late 2016 from Norfolk Southern railroad is being developed into a multi-use trail in phases as funding becomes available. More details regarding the overall project can be found on the bike program website. http://www.cincinnati-oh.gov/bikes/bike-projects/the-wasson-way-trail-network/ Outlined below are 2021/2022 projects that involve bridges along the Wasson Way corridor.

Wasson Way over Ault Park – Bridge Rehabilitation (Wasson Way Bridge in Mt Lookout). As part of phase 5 of the Wasson Way project, the 97-year-old former railroad bridge will be transformed into a trail bridge. The bridge was opened to trail traffic in December 2021, with painting and minor steel repair work following in 2022. The estimated cost for this project is $1.2M and will be paid for with a combination of Wasson Way funds and STP grant funds.



Above: 2021 Pier cap reconstruction at the Wasson Way Bridge over Ault Park.

Wasson Way over Victory Park Way (RR bridge in Evanston). As part of phase 6 of the Wasson Way project, one of the two parallel abandoned 48-year-old railroad bridges will be transformed into a trail bridge. This bridge is not part of the original Wasson Way corridor that was purchased from Norfolk Southern in 2016, but is instead owned by SORTA and will be utilized by the Wasson Way trail by agreement. Plans for the bridge rehabilitation are currently being developed by DOTE staff. Construction is estimated to begin in late 2023.



Above: abandoned RR bridge over Victory Parkway

WESTERN HILLS VIADUCT REPLACEMENT

(County Bridge in South Fairmount, Queensgate, West End, Camp Washington and CUF)

This project will replace the aging double decked viaduct with a new bridge on a new alignment. The viaduct was built in 1932 and carries 55,000 vehicles per day.

The existing viaduct is rated in poor condition (condition rating of 4). It is structurally deficient due to advanced and widespread deterioration of numerous members, is posted for weight limits, and is also functionally obsolete, meaning it does not meet current roadway geometric standards. At locations where the deterioration is at its worst, supplemental supports have been added beneath the bridge to avoid a partial closure, which would restrict traffic from the lower deck. Spalling concrete falling from the upper deck to the lower deck is a continual safety problem which is being routinely addressed by installation of netting at a critical area and regular closures of the lower deck in order to remove loose and delaminated concrete.



Debris netting under the Western Hills Viaduct west of Spring Grove Avenue

Currently, the design of the new bridge is being advanced and right-of-way acquisition is under way. The total estimated cost of the project is $398 million.

To date, over $150 million of local and non-local funds have been secured for right-of-way acquisition, detailed design work and construction. In 2017, significant progress was made to secure the local funding match. The Hamilton County Commissioners dedicated a portion of the revenue of a $5 license plate cost increase to the Western Hills Viaduct, and the Cincinnati City Council passed an ordinance allowing the issuance of debt to be dedicated to the Western Hills Viaduct project over the next six years. The expected total from the above sources will provide up to $66 million for the project.

Also, in 2020, Hamilton County residents voted to impose a 0.8% sales tax for 25 years to invest in transportation infrastructure across the County which is estimated to amass more than $900 million over the life of the tax. SORTA will manage the proceeds collected from the new tax and is expected to direct $205 million for the construction of the new viaduct over the next 25 years. A majority of the $205 million is intended to be used as debt service against bonds or the like issued for the project.

City (BP) Bridges - Six Year Plan

2022 through 2027

Carry-Over [1] City Bridge Program Funds	New [2] City Bridge Program Funds		Projects by Calendar Year Funds are Encumbered	Estimated Total Cost	*Projected Funding* [3] Bridge Program Fund Portion Amount	%	Outside Funding Portion [4] Amount	%	Secured	Funding Shortfall	Estimated Remaining Funds
$1,316,000	$717,000	c	**2022**								
	$70,000	o	Bridge Inspection & Program Management	$200,000	$200,000	100%	$0	0%	N/A		
			Project Design & Management	$200,000	$200,000	100%	$0	0%	N/A		
			Bridge Maintenance - TROD	$50,000	$50,000	100%	$0	0%	N/A		
			Bridge Maintenance - Contract	$50,000	$50,000	100%	$0	0%	N/A		
			Bridge Inspection - Contract (Fracture Critical)	$19,500	$19,500	100%	$0	0%	N/A		
			Bridge Inspection - Contract (Underwater)	$3,250	$3,250	100%	$0	0%	N/A		
			Second Street East Approach Design	$80,000	$80,000	100%	$0	0%	N/A		
			Second Street East Approach Deck Sealing	$170,000	$170,000	100%	$0	0%	N/A		
			Park Avenue Bridge Rehabilitation Ph. 1 - Design	$75,000	$75,000	100%	$0	0%	N/A		
			Brighton Approach Bridge Detailed Design	$532,000	$532,000	100%	$0	0%	N/A		
			Totals		**$1,379,750**						$723,250
$723,250	$703,000	c	**2023**								
	$70,000	o	Bridge Inspection & Program Management	$200,000	$200,000	100%	$0	0%	N/A		
			Project Design & Management	$200,000	$200,000	100%	$0	0%	N/A		
			Bridge Maintenance - TROD	$50,000	$50,000	100%	$0	0%	N/A		
			Bridge Maintenance - Contract	$50,000	$50,000	100%	$0	0%	N/A		
			Brighton Approach Bridge Replacement (Construction)	$5,000,000	$0	0%	$5,000,000	100%	Yes [7]		
			Brighton Approach Bridge Replacement (Constr. Mgmt.)	$350,000	$350,000	100%	$0	0%	N/A		
			Park Avenue Bridge Rehabilitation Ph. 1 - Design	$200,000	$200,000	100%	$0	0%	N/A		
			Totals		**$1,050,000**						$446,250
$446,250	$765,000	c	**2024**								
	$60,000	o	Bridge Inspection & Program Management	$200,000	$200,000	100%	$0	0%	N/A		
			Project Design & Management	$200,000	$200,000	100%	$0	0%	N/A		
			Bridge Maintenance - TROD	$50,000	$50,000	100%	$0	0%	N/A		
			Bridge Maintenance - Contract	$50,000	$50,000	100%	$0	0%	N/A		
			Park Avenue Bridge Rehabilitation Ph. 1 - Design	$75,000	$75,000	100%	$0	0%	N/A		
			Bridge Inspection - Contract (Fracture Critical)	$25,000	$25,000	100%	$0	0%	N/A		
			Totals		**$600,000**						$671,250
$671,250	$770,000	c	**2025**								
	$60,000	o	Bridge Inspection & Program Management	$200,000	$200,000	100%	$0	0%	N/A		
			Project Design & Management	$200,000	$200,000	100%	$0	0%	N/A		
			Bridge Maintenance - TROD	$50,000	$50,000	100%	$0	0%	N/A		
			Bridge Maintenance - Contract	$50,000	$50,000	100%	$0	0%	N/A		
			Park Avenue Bridge Rehabilitation - Ph. 1 - Construction	$5,000,000	$630,000	34%	$3,300,000	66%	Partial [6]	*$ 870,000.00*	
			Park Avenue Bridge Rehabilitation - Ph. 1 - Constr. Mgmt	$350,000	$350,000	100%	$0	0%	N/A		
			Totals		**$1,480,000**						$21,250
$21,250	$753,000	c	**2026**								
	$60,000	o	Bridge Inspection & Program Management	$200,000	$200,000	100%	$0	0%	N/A		
			Project Design & Management	$200,000	$200,000	100%	$0	0%	N/A		
			Bridge Maintenance - TROD	$50,000	$50,000	100%	$0	0%	N/A		
			Bridge Maintenance - Contract	$50,000	$50,000	100%	$0	0%	N/A		
			Bridge Inspection - Contract (Fracture Critical)	$25,000	$25,000	100%	$0	0%	N/A		
			Central Incinerator Approach Bridge Repairs & Painting	$250,000	$250,000	100%	$0	0%	No		
			Elmhurst Pedestrian Bridge [5]	$1,700,000	$0	0%	$1,700,000	100%	No	*$1,700,000*	
			Totals		**$775,000**						$59,250
$59,250	$757,000	c	**2027**								
	$60,000	o	Bridge Inspection & Program Management	$200,000	$200,000	100%	$0	0%	N/A		
			Project Design & Management	$200,000	$200,000	100%	$0	0%	N/A		
			Bridge Maintenance - TROD	$50,000	$50,000	100%	$0	0%	N/A		
			Bridge Maintenance - Contract	$25,000	$25,000	100%	$0	0%	N/A		
			Bridge Inspection - Contract (Underwater)	$20,000	$20,000	100%	$0	0%	N/A		
			Monastery Street Bridge Rehabilitation [5]	$1,000,000	$200,000	20%	$800,000	80%	No	*$800,000*	
			2nd Street Bridge PT Tendon Repairs [5]	$880,000	$176,000	20%	$704,000	80%	No		
			Totals		**$871,000**						$5,250
									Total	*$ 3,370,000.00*	

1 End of previous calendar year (i.e. Dec 31)
2 As of the beginning of fiscal year (i.e. July 1)
3 Additional leveraged funds will be pursued and will be used to supplement local funds as secured.
4 For purposes of this table, outside funding is considered to be any funding other than City Bridge Funds.
5 Project is dependent on securing outside funds and is shown with only a minimal amount of local matching funds being utilized. Securing outside funding for these particular bridges will be difficult given that they are bridges which either carry low volume vehicular traffic, require isolated or specific repairs on a bridge that is otherwise not in poor condition, or are for pedestrian use only. Historically, these types of bridge projects do not compete well for the outside funding sources which are currently available, particularly with only a small amount of local match being applied to the project. These projects will most likely slip to the out years until additional City capital finds can be allocated to the City Bridge Program.
6 STP funding secured through OKI.
7 Outside funding is a combination of Federal Municipal Bridge Program funds, OPWC SCIP funds, and City Capital Budget line item funds.

The projects are grouped by the year of expected bid. This plan is flexible and will be revised as necessary if future bridge inspections reveal unexpected changes in the condition of any bridge, if anticipated bridge funding amounts change, if unexpected leveraged funding sources become available or are withdrawn, if the timing of any bridge project requires adjustment to coordinate with other infrastructure improvement or development projects, or if City Council or the City Administration redirect priorities. The estimated project costs are preliminary and are only intended to establish basic funding needs and are not considered engineer's estimates. Bridge conditions will be continually monitored during the six-year period and the plan will be adjusted as needed to best maintain the bridge infrastructure.

The funds programmed for the City Bridge Maintenance Contracts may also be used, wholly or in part, to support other projects listed in the six-year plan whose expenses exceed the preliminary estimations listed in the six-year plan.

County Bridge - Six Year Plan

2022 through 2027

Carry-Over [1] County Bridge Funds	New [2] County Bridge Funds	Projects by Calendar Year Contract Awarded	Estimated Total Cost	Projected Funding [3] — County Bridge Fund Portion Amount	%	Outside Funding Portion [4] Amount	%	Secured	Funding Shortfall	Estimated Remaining Funds
$240,000	$1,000,000	**2022**								
		Bridge Inspection & Program Management	$50,000	$ 50,000	100%	$ -	0%	N/A		
		Project Design & Management	$300,000	$ 300,000	100%	$ -	0%	N/A		
		Underwater Inspections	$25,000	$ 25,000	100%	$ -	0%	N/A		
		TROD and Contract Maintenance Work	$50,000	$ 50,000	100%	$ -	0%	N/A		
		Galbraith Road Bridge Deck Replacement - Constr. Mgt & Testing	$200,000	$ 200,000	100%	$ -	0%	N/A		
		Western Hills Viaduct - R/W Acquisition East Approach	$3,125,000	$ 125,000	4%	$ 3,000,000	96%	Yes [5]		
		Western Hills Viaduct - R/W Acquisition West Approach	$1,650,000	$ 330,000	20%	$ 1,320,000	80%	Yes [5]		
		Total Expenses		**$ 1,080,000**						**$160,000**
$160,000	$1,000,000	**2023**								
		Bridge Inspection & Program Management	$50,000	$ 50,000	100%	$ -	0%	N/A		
		Project Design & Management	$300,000	$ 300,000	100%	$ -	0%	N/A		
		TROD and Contract Maintenance Work	$50,000	$ 50,000	100%	$ -	0%	N/A		
		Western Hills Viaduct - Fracture Critical Inspection	$75,000	$ 75,000	100%	$ -	0%	N/A		
		Galbraith Road Bridge Deck Replacement - Constr. Mgt & Testing	$100,000	$ 100,000	100%	$ -	0%	N/A		
		Galbraith Road Bridge Deck Replacement - RR Force Account	$150,000	$ 150,000	100%	$ -	0%	N/A		
		Western Hills Viaduct - R/W Acquisition East Approach	$3,125,000	$ 125,000	4%	$ 3,000,000	96%	Yes [5]		
		Western Hills Viaduct - South Trough Removal Pilot Project	$100,000	$ 100,000	100%	$ -	0%	N/A		
		Total Expenses		**$ 950,000**						**$210,000**
$210,000	$1,000,000	**2024**								
		Bridge Inspection & Program Management	$50,000	$ 50,000	100%	$ -	0%	N/A		
		Project Design & Management	$300,000	$ 300,000	100%	$ -	0%	N/A		
		TROD and Contract Maintenance Work	$50,000	$ 50,000	100%	$ -	0%	N/A		
		Spring Grove Ave over Mill Crk. S. of Colerain - Deck Overlay	$350,000	$ 350,000	100%	$ -	0%	N/A		
		Western Hills Viaduct - Fracture Critical Inspection	$75,000	$ 75,000	100%	$ -	0%	N/A		
		Western Hills Viaduct Maintenance	$100,000	$ 50,000	50%	$ 50,000	50%	N/A		
		Total Expenses		**$ 875,000**						**$335,000**
$335,000	$1,000,000	**2025**								
		Bridge Inspection & Program Management	$50,000	$ 50,000	100%	$ -	0%	N/A		
		Project Design & Management	$300,000	$ 300,000	100%	$ -	0%	N/A		
		TROD and Contract Maintenance Work	$50,000	$ 50,000	100%	$ -	0%	N/A		
		Western Hills Viaduct - Fracture Critical Inspection	$75,000	$ 75,000	100%	$ -	0%	N/A		
		Seymour Ave over Mill Creek - Deck Overlay	$250,000	$ 250,000	100%	$ -	0%	No		
		Anthony Wayne over Mill Creek - Painting	$200,000	$ 200,000	100%	$ -	0%	N/A		
		Western Hills Viaduct Maintenance	$100,000	$ 50,000	50%	$ 50,000	50%	N/A		
		Total Expenses		**$ 975,000**						**$360,000**
$360,000	$1,000,000	**2026**								
		Bridge Inspection & Program Management	$50,000	$ 50,000	100%	$ -	0%	N/A		
		Project Design & Management	$300,000	$ 300,000	100%	$ -	0%	N/A		
		TROD and Contract Maintenance Work	$50,000	$ 50,000	100%	$ -	0%	N/A		
		Western Hills Viaduct - Fracture Critical Inspection	$75,000	$ 75,000	100%	$ -	0%	N/A		
		North Bend Road over Kirby - Deck Replacement	$1,500,000	$ 750,000	50%	$ 750,000	50%	No	$ 750,000.00	
		Western Hills Viaduct Maintenance	$100,000	$ 50,000	50%	$ 50,000	50%	N/A		
		Total Expenses		**$ 1,275,000**						**$85,000**
$85,000	$1,000,000	**2027**								
		Bridge Inspection & Program Management	$50,000	$ 50,000	100%	$ -	0%	N/A		
		Project Design & Management	$300,000	$ 300,000	100%	$ -	0%	N/A		
		TROD and Contract Maintenance Work	$50,000	$ 50,000	100%	$ -	0%	N/A		
		Western Hills Viaduct - Fracture Critical Inspection	$75,000	$ 75,000	100%	$ -	0%	N/A		
		Western Hills Viaduct Maintenance	$100,000	$ 50,000	50%	$ 50,000	50%	N/A		
		Total Expenses		**$ 525,000**						**$560,000**
							Total		**$ 750,000.00**	

1 End of previous calendar year (i.e. Dec 31)
2 Receipt of new funds occur mid calendar year.
3 Additional leveraged funds will be pursued and will be used to supplement local funds as secured.
4 For purposes of this table, outside funding is considered to be any funding other than the County Bridges Funds.
5 Outside funding is a combination of federal grants secured through TRAC, Municipal Road Funds, County Engineer Funds and City Capital Improvement Funds.

The projects are grouped by the year of expected bid or expenditures as is the case in right of way acquisition for the Western Hills Viaduct. This plan is flexible and will be revised as necessary if future bridge inspections reveal unexpected changes in the condition of any bridge, if anticipated bridge funding amounts change, if unexpected leveraged funding sources become available or are withdrawn, if the timing of any bridge project requires adjustment to coordinate with other infrastructure improvement or development projects, or if City Council or the City Administration redirect priorities. The estimated project costs are preliminary and are only intended to establish basic funding needs and are not considered engineer's estimates. Bridge conditions will be continually monitored during the six-year period and the plan will be adjusted as needed to best maintain the bridge infrastructure.

Replacement of the Western Hills Viaduct is a major project and construction is expected to cost approximately $398 million. Only the portions of the project being funded through the County Bridge fund are listed in the six-year plan.

The funds programmed for the County Bridge Maintenance Contracts may also be used, wholly or in part, to support other projects listed in the six-year plan whose expenses exceed the preliminary estimates listed in the six-year plan.

Appendix A

EXPLANATION OF RATING SYSTEM

In accordance with the Code of Federal Regulations, Part 650, Subpart C and the Ohio Revised Code, Section 5501.47, the City annually inspects all structures with a clear span of 10 feet or more that fall under its inspection responsibility. These inspections follow the procedures established by the National Bridge Inspection Standards (NBIS). All inspections are performed by a trained and licensed professional engineer, employed by DOTE, whose training and education meets or exceeds the requirements set forth by the NBIS.

The Bridge Inspection Engineer rates the condition of each bridge using criteria established by the State of Ohio Department of Transportation and records the rating on the Bridge Inspection Report. The Bridge Inspection Report contains up to 65 rating items which are grouped into seven main sections.

These main sections are:

1. **Bridge Deck**
2. **Bridge Superstructure**
3. **Bridge Substructure**
4. **Culverts** *(These items are only applicable to culvert type structures)*
5. **Channels** *(These items are only applicable to bridges over waterways)*
6. **Bridge Approaches**
7. **General Information**

The last rating item in each of the seven main sections is a **summary rating** for that section. This number summarizes the overall condition of that portion of the bridge. All other rating items within each section are **individual ratings**. These numbers represent the condition of specific bridge components. Not all components and main sections necessarily apply to any given bridge. For example, the components relating to truss bridges would not apply, and therefore would not be rated on an arch bridge, and vice versa. Any bridge reports for bridges not over waterways will not include the main section “Channels”.

The overall summary rating (rating item N59) is the summary rating for the entire bridge and is titled the **General Appraisal** rating. The **Operational Status** of the bridge is noted to the immediate right of the General Appraisal rating on the inspection report. The operational status indicates any restrictions, such as load limitations, placed on the use of the bridge.

The condition ratings are in accordance with the ODOT 2014 Bridge Inspection Manual http://www.dot.state.oh.us/Divisions/Engineering/Structures/bridge%20operations%20and%20maintenance/Manual%20of%20Bridge%20Inspection%202014%20v8/Chapter%208_Assigning%20Condition%20Ratings%20to%20the%201-4%20Items.pdf

All applicable individual items, are rated on a scale of 9 to 0, with “9” representing the best condition and “0” representing the worst. In the attached bridge inspection reports all individual items are rated on the 9 to 0 scale, with the alternate 1 to 4 rating indicated as well for consistency with previous reports and ODOT reports. This dual rating system occurred when the pre-existing 1 to 4 rating system created by the State of Ohio was merged with the 0 to 9 rating system of the Federal Government.

The vertical clearance (Item 65) is rated either “1” for no change since the last inspection, “2” lower clearance since last inspection or “N” does not apply or clearance exceeds 25 ft.

The following pages lists the bridge conditions associated with the specific individual and summary numeric ratings.

OPERATIONAL STATUS

Operational Code Status	Description
A	Open, no restriction.
B	Open, posting recommended but not legally implemented (all signs not in place).
D	Open, would be posted or closed except for temporary shoring, etc., to allow for unrestricted traffic.
E	Open, temporary structure in place to carry legal loads while original structure is closed and awaiting replacement or rehabilitation.
G	New structure, not yet open to traffic.
K	Bridge closed to all traffic.
N	Not applicable – typically used for Safety Inspections only
P	Posted for load (may include other restrictions).
R	Posted for other than load-carrying capacity restriction (speed, number of vehicles on bridge, etc.)
X	Bridge closed for other reasons.

INSPECTION MANUAL GUIDE

Condition Rating Guide				
1-4 Individual Component	9-0 NBIS Summary		Inspector Guidelines (Quantitative comments include the Location, Extent & Severity of the deficiency)	
1-GOOD	9 - Excellent	No problems noted: no section loss, general deterioration.	Make brief comments as necessary. Communicate the predominant deficiency.	
	8 - Very Good			
	7 - Good	Some minor problems (ex. extent of concrete deterioration is up to 1% spalling or up to 5% saturation)		
2-FAIR	6 – Satisfactory	**Structural elements show some minor deterioration** (ex. extent of concrete deterioration is up to 5% spalling or up to 10% saturation)		
	5 -Fair	**Structural elements show deterioration but are sound** (ex. extent of concrete deterioration is up to 10% spalling or up to 20% saturation)	Document deficiencies quantitatively. Consider taking photos or making sketches.	
3-POOR	4 - Poor	Advanced* (ex. extent of concrete deterioration is more than 10% spalling or more than 20% saturation). Usually the load path appears to be affected for primary members or there are obvious structural changes since the as-built condition that are advanced.	Candidate to establish monitoring benchmarks to track the rate-of -change. Take photos, make sketches and document quantitatively in order to determine if a re-load rating is possible. Include in-service conditions to verify capacity	Poor Structurally Deficient**
	3 - Serious	4-Poor. . . *And* **local failures possible.**	*Above*. . . *And* discuss the deficiency immediately with Control Authority.	
4-CRITICAL	2 - Critical	3-Serious. . . *And* Unless closely monitored it **may be necessary to close the bridge** until corrective action is taken.	*Above*. . . *And* the bridge is a candidate to dispatch road closure and/or immediate repairs and/or increased monitoring (Interim Inspections). Confirm in writing, critical finding.	
	1 -Imminent Failure	2-Critical. . . *And* Major deterioration is affecting stability. Bridge or lane(s) **shall be closed** to traffic but corrective action may put bridge back into light service.	*Above*. . . *And* Dispatch immediate lane or bridge closure. Contact the Control Authority. Stay at the bridge until the safety of the traveling public is achieved. Confirm in writing.	
	0 - Failed	1-Imm Failure. . . *And* Out of service - beyond corrective action.		

* *Advanced* –widespread deficiencies or a likely reduction to capacity **(more examples on following page).**

** ***Structurally Deficient (SD)*** –Bridge Deck, Superstructure, or Substructure Summary rated 4-Poor or below. A bridge can also be classified as structurally deficient if its load carrying capacity is significantly below current design standards or if a waterway below frequently overtops the bridge during floods.

EXPLANATION OF ABBREVIATIONS

Abbr.	Explanation	Abbr.	Explanation	Abbr.	Explanation
&	and	deter.	deterioration, deteriorated	loc.	location, locations, located
@	at	deter.	deterioration	lrg.	large
<	less than	diff.	differential	MC	Mill Creek
>	greater than	discont.	discontinuous	mat'l.	material
accum.	accumulated	dist.	distortion	mem.	member
adj.	adjacent	drwg.	drawing	mod.	modified, modifications, moderate
add'l	additional	E	east	mvmt.	movement
alum.	aluminum	EB	eastbound	N	north
amt.	amount	efflor.	efflorescence	NB	northbound
AS	approach slab	elast.	elastomeric, elastic	num.	numerous
ASR	Alkali Silika Reaction	embank.	embankment	obs.	observation, observed
b/n	beneath	emb.	embedded, embedment	OB	outbound
b/o	because of, block-out	equip.	equipped, equipment	occas.	occasional, occasionally
bet.	between	esp.	especially	orig.	original, originally
BF	bottom flange	est.	estimate, estimated	PB	pull box
bldg.	building	EW	end wall	PD	partial depth
BW	back wall	exp.	expansion, exposed	part.	particularly, partial, partly
CIP	cast in place	ext.	extensive, extreme	ped.	pedestrian
CL	center line	FD	full depth	pen.	penetrating, penetration
CLF	chain link fence	flex.	flexural, flexure	perf.	perforated
circ.	circle, circular	flr.	floor	plt.	plate
CMD	corrugated metal deck	found.	foundation	port.	portable, portion
CMP	corrugated metal pipe	freq.	frequent	poss.	possible, possibly
C/P	cover plate	GCWW	Greater Cincy Water Works	press.	pressure
cant.	cantilever	GFR	gravity fed resin	prev.	previous, previously
col.	column	galv.	galvanized	prop.	propagate, propagating
comb.	combination, combined	gen.	general, generally	prot.	protect, protection
comp.	compression	horiz.	horizontal	pvmt.	pavement
conc.	concrete	HMWM	high molecular weight methacrylate	RR	railroad
cond.	condition	HW	head wall	RCP	reinforced concrete pipe
conn.	connection, connected	IA	impact attenuator	reflect.	reflecting, reflective
const.	construction, constructed	IB	inbound	reg.	regular, regularly
cont.	continuous	inter.	intermediate, intermittent	reinf.	reinforcing
corr.	corroded, corroding	isol.	islolated	rem.	removed
DL	dead load	jt.	joint	repl.	replaced
DS	downstream	junct.	junction	rt.	right
d/s	downspout	lat.	lateral, laterally	ROW	right-of-way
d/t	due to	LC	lower chord	sat.	saturation, saturated
decor.	decorative	LLB	lower lateral bracing	S	south
deform.	deformation	LMC	Latex Modified Concrete	SB	southbound
deg.	degrees	LL	live load	SIP	stay in place
delam.	delaminated, delaminations	long.	longitudinal, longitudinally	sep.	separate, separated, separating
dep.	deposition, deposit,	LOS	loss of section	sev.	severe

EXPLANATION OF ABBREVIATIONS

(CONTINUED)

Abbr.	Explanation	Abbr.	Explanation	Abbr.	Explanation
s/w	sidewalk	TF	top flange	vert.	vertical
sig.	significant	typ.	typical	vib.	vibrating, vibrate, vibration
slt.	slight	trans.	transverse	W	west
sm.	small	UG	underground	w	with
stiff.	stiffener, stiffeners	US	upstream	w/o	without
sys.	system	util.	utility, utilities	WB	westbound
TC	top chord	VC	vertical clearance	WF	wide flange
term.	termination	veg.	vegetation	WW	wing wall
TLB	top lateral bracing	veg.	vegetation		

Appendix B

City (BP) Bridges

Bridge Inspection Report | *Routine Inspection*

SFN: 3160270

Aaron Raines Ln (former Burns Street Ramp) **Date Inspected:** 06/24/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY (BP) #01

Route: BURNS **Unit:** 0000 **Bridge Type** 321 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 2009 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Single crack w efflor. @ SW.	1	8
C7.2. Edge of Floor:	Honeycombing @ N near center.	1	8
C8. Wearing Surface:	One fiber nest detected @ SW.	1	8
C9. Curbs/Sidewalks:		1	8
C11. Railing:	Isol. corrosion of metal railing; widespread cracking @ windows in S railing w initial efflor. ; 2 rust stains; vert. cracks w efflor in curb of N railing; full height crack @ SW light pole (both sides).	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	Minor ponding along the south curb.	2	6
C13. Expansion Joints:	Partially filled with debris; armor corrosion @ retainers; minor spalling of concrete around armor on approach slab side @ W; vegetation growing in longitudinal jnt.	1	7
N58. Deck Summary:		**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Weathering steel - ends painted; scrapes on BF's over tracks from impact.	1	8
C16. Diaphragms/X-Frames:		1	8
C26. Bearing Devices:	Elastomeric. (concealed)	1	8
C30. Protective Coating System (PCS):	**System:** OZEU **Year:** 2008	**PCS Rating:**	8
	Weathering steel with the ends painted; brown w orange freckles esp. @ bottom of flanges.		
N59. Superstructure Summary:		**Summary Rating:**	**8**
C33. Abutment Walls:	Isol. HL vert. and diag. cracks, widespread patched areas; widespread minor spalls (unpatched).	1	7
C34. Abutment Caps:	Vert. cracking in newly constructed abutment caps.	1	7
C39. Backwalls:	Mostly concealed by diaphragms.	1	7
C40. Wingwalls:	SE wall (new 2009) with minor cracking and widespread areas of cold joints/honeycombing; SW WW limits to newer sealed conc portion only.	1	7
N60. Substructure Summary:	**Abutment walls incorporate flood gate receptacles.**	**Summary Rating:**	**7**

Bridge Inspection Report | *Routine Inspection*

SFN: 3160270

Aaron Raines Ln (former Burns Street Ramp) **Date Inspected:** 06/24/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY (BP) #01

C1. Pavement:	Asphalt @ E & partially @ W; joint between approach slab & asphalt not sealed.	1	8
C2. Approach Slabs:	One full length long. crack, from hairline up to 1/4 inch wide, noted in each approach slab; apparent fine HL cracking throughout.	1	8

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **Summary Rating: 8**

C57. Utilities:	Conduits for street lights.	1	9

Utilities On Structure: N N N N N N N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 A**

Inspection Notes: Sidewalk separating from Curb @ approaches allowing plants to grow.
2020 element level data on file.

Recommended Maintenance:	**Assigned to:**
1. Remove vegetation from joints between curbs & sidewalk on approach ramp.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3160068

Beekman Street Pedestrian Overhead at Elmore

Date Inspected: 03/17/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 7 A

Signature:

Bridge No.: CITY (BP) #02

QA/QC Inspector: BRANDON M. LECRONE, P.E.

Signature:

Route: BEEKM **Unit:** 2971 **Bridge Type** 321 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1970 /

Load Rating Percent 000

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Includes bot. of main bridge and appraoch ramps: Main span: 2 minor trans. cracks w little efflor. Pattern of double diagonal lines w rusting/staining throughout the main span; spalls @ E & W end skirt plates. Ramps: Steel standoffs visible throughout as small corrosion spots; transverse cracks w efflor.typical; delam. And spall with exp. corroding rebar under ramp @ E (lower portion of E ramp).	1	7
C7.2. Edge of Floor:	Isol. trans. HL cracking; spalling & efflor. under joint to ramps; spalling @W end over W abutment; otherwise very good.	1	7
C9. Curbs/Sidewalks:	Includes top of main bridge and approach ramps: Main bridge: Small (+/- 4 sqin) spall and small delaminated area @ E end of main span. Ramps: trans. cracks (full height) in ramps; some popouts; cracking w heavy built-up of efflor. @ E ramp (lower portion); widespread large delams @ E lower ramp (65 SF+ 35 SF + 10 SF + 20 SF).		
C11. Railing:	Chain link fence (2001).	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	4 inlets w d/s on bridge & ramps; d/s @ ends of span corr; all inlets appear open.	1	9
C13. Expansion Joints:	Open joint no gland; slight vert. offsets @ E & W approaches; painted (2001).	1	7

N58. Deck Summary: **Top of deck & fascias to drip groove sealed w silane sealer (1998).** **Summary Rating:** **7**

C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Widespread freckled rust @ fascia webs and surface corrosion at vert. face of BF (fascia side); minor scrapes @ E(impact); no significant LOS.	1	8
C16. Diaphragms/X-Frames:	Surface corrosion; widespread discoloration & isol flaking; bird feces accumalating.	1	7
C26. Bearing Devices:	Appear to be in hot weather mode @ 70F; heavily greased.	1	7

C30. Protective Coating System (PCS): **System:** **Year:** 1971 **PCS Rating:** 6

Spot rust @ fascias, 20% of vertical face of BF estimated to be corroding; widespread fading of top coat: Estimated that 20% of intermediate coat (blueish) and 10% of base coat (red) are visible.
Paint appears to have been scraped off over NB lane - possibly by impact. Steel end plates (skirt plates) painted (2001).

Bridge Inspection Report | *Routine Inspection*

SFN: 3160068

Beekman Street Pedestrian Overhead at Elmore **Date Inspected:** 03/17/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY (BP) #02

QA/QC Inspector: BRANDON M. LECRONE, P.E.

Signature: _____

N59. Superstructure Summary: **Not redundant - not fatigue prone.** **Summary Rating:** **8**

C33. Abutment Walls:	Inlcudes the vertical support for the ramps. Several vert. cracks w minor efflor, some continuing into ramp deck; 3 sides of abutment walls covered w murals.	1	7

N60. Substructure Summary: **Summary Rating:** **7**

C56. Sign Supports:	Turning lane signs bolted to outside of conc. deck (4 of them); rusting.	1	7
C57. Utilities:	Electric conduit with duct tape wrapped at W.	2	6

Utilities On Structure: Y N N N N N N

65. Vertical Clearance: Measured 15'-2" - not signed **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 A**

Inspection Notes: Forwarded issues about sidewalk sign on Beekman to Traffic Engineering following 2021 inspection.

General Notes: Vandal protective fencing added in 1973 (plan sheets 22-27-22).

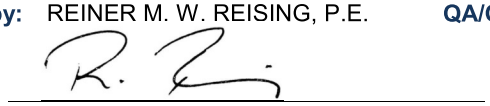
Recommended Maintenance:	**Assigned to:**
1. Consider sealing deck and ramps, or apply membrane.	TROD
2. Determine repair strtegy for E ramp lower portion (wearing surface).	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3160556

Bramble Avenue Bridge over Little Duck Creek **Date Inspected:** 03/17/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☐ **Summary Rating / Operational Status** 7 A

Signature: 

Bridge No.: CITY (BP) #03

QA/QC Inspector: BRANDON M. LECRONE, P.E.

Signature: 

Route: BRAMB **Unit:** 4751 **Bridge Type** 231 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1931 / 1989

Load Rating Percent 150

Inspection Information

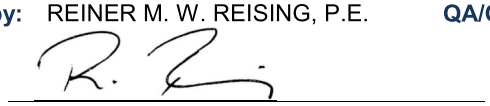
		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	See item 15.	1	8
C7.2. Edge of Floor:	Very few cracks w efflor; staining.	1	7
C8. Wearing Surface:	Numerous full-length longitudinal cracks reflective over beams; 3 patches in S lane,1 spall w exp rebar @ S; larger delaminated area in S lane around patches (near center of bridge).	2	6
C9. Curbs/Sidewalks:	Small (random) hole in curb @ N; no cracking in walk; several small popouts in walk; spalling @ joint header @ SW.	1	8
C11. Railing:	Vert. cracks with and without efflorescence in the parapet wall.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	Off bridge.	1	7
C13. Expansion Joints:	Several areas of torn compression seal, minor leakage @ 2 locations 1 E & 1 W; widespread minor spalling around joint headers.	2	6
N58. Deck Summary:	**Summary Rating:**		**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Minor staining (lichen at bot of fascia beams) and graffiti; wider gap between some beams but no evidence of leakage between beams.	1	8
C26. Bearing Devices:	Concealed.	1	8
N59. Superstructure Summary:	**Summary Rating:**		**8**
C33. Abutment Walls:	Isolated hairline vertical cracks, some w efflor.; isolated areas of poor consolidation; graffiti; drain notches @ E abutment only (W abutment seat has positive drainage away from backwall).	1	7
C39. Backwalls:	Widespread staining {green growth}; moisture.	1	8
C40. Wingwalls:	Existing (original 1931 bridge) bump-out wingwalls: moisture; isol cracking w efflor.; rust staining @ SW; unsound corner patch at NW.	1	7
C42. Scour:	Concrete channel lined under bridge, silt accumulation @ E.	1	8

Bridge Inspection Report | *Routine Inspection*

SFN: 3160556

Bramble Avenue Bridge over Little Duck Creek **Date Inspected:** 03/17/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☐ **Summary Rating / Operational Status** 7 A

Signature: 

Bridge No.: CITY (BP) #03

QA/QC Inspector: BRANDON M. LECRONE, P.E.

Signature: 

Scour Inspection Type 1

N60. Substructure Summary:			**Summary Rating: 7**
C51. Channel Alignment:	Channel upstream @ slight angle {~20 degrees}.	1	7
C52. Channel Protection:	Concrete channel lined under bridge.	1	8
C53. Hydraulic Opening:	Minor build-up of sediments under bridge at E abutment (w/o) considerable flow restriction.	1	8
N62. Channel Summary:			**Summary Rating: 7**
C1. Pavement:	New {2019}; very minor cracking and minor pavement irregularities (honeycomb) at W.	1	8
C2. Approach Slabs:	Cracks perpindicular to backwall.	1	7
C4. Embankment:		1	8
C5. Guardrail:	Wood blocks and posts are aging but intact.	1	8

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): 0

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): 1

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): 1

C6. Approaches Summary: **Summary Rating: 7**

C57. Utilities: Storm drains and sanitary overflow in the abutment walls.

Utilities On Structure: N N N N N N N

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** 7 A

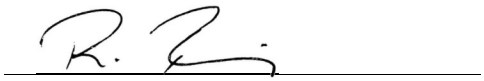
Bridge Inspection Report | *Routine Inspection*

SFN: 3160556

Bramble Avenue Bridge over Little Duck Creek

Date Inspected: 03/17/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☐ **Summary Rating / Operational Status** 7 A

Signature: 

Bridge No.: CITY (BP) #03

QA/QC Inspector: BRANDON M. LECRONE, P.E.

Signature: 

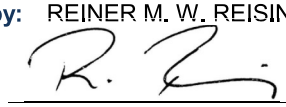
Recommended Maintenance:	Assigned to:
1. Plan for expansion joint replacement.	Contract
2. Square off and patch S curb lane delaminated areas and previous patches; then seal deck.	TROD/ Contract
3. Cut back vegetation from railings & 10' from each corner, completely remove tree at SE.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3101533

Brighton Approach Bridge over Central Parkway **Date Inspected:** 10/27/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 4 P

Signature:  **Bridge No.:** CITY (BP) #04

Route: 0027R **Unit:** 0358 **Bridge Type** 122 / NNN **Date Built / Date Rehabbed:** 1925 /

Load Rating Percent 100 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Widespread trans cracking w some efflor; spall (+/- 3 SF) near inlet with inlet bottom plate visible; condition better in E approach spans.	1	7
C7.2. Edge of Floor:	(Considers the original concrete railing): isol. map cracking esp. @ rail post & built-up efflor @ railing some pylons @ S approach; widespread staining; full length hor. crack @ midheight of fascia reveal; stalactites on fascias in approach spans.	2	6
C8. Wearing Surface:	Few wider mostly trans. cracks; smooth riding without bounce; one delam detected @ trans. crack near N approach extending over 2/3 of the roadway width.	1	7
C9. Curbs/Sidewalks:	Transverse sidewalk cracks; curb spalling/undermining at inside of curve.	1	7
C11. Railing:	New concrete barriers with VPF in front of original concrete railing (only barriers and fence considered here, concrete railing taken as edge of floor); staining; brace in VPF at NE damaged; several fence post caps missing.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	Some inlets partially filled w leaves, sev. corr. of some downspout parts.	2	6
C13. Expansion Joints:	Sig. corr. at joint header (laminating corr. w LOS to headers); widespread minor spalling of concrete around headers; joints apparently not leaking.	2	6
N58. Deck Summary:	**Summary Rating:**		**7**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Widespread large (> 50% of length) spalls w exp. bottom reinforcement (up to 3 visible rows @ webs) and stirrups (very little LOS on exposed rebar); widespread delaminations of concrete and gunnite from previous repairs; wide cracks (del areas) in some approach spans; E approach spans and W fascia beam in better condition; one small location of rust staining in E approach span.	3	4
C18. Floor Beams:	Only one FB in main span: several spalls w exp rebar.	2	5
N59. Superstructure Summary:	**Summary Rating:**		**4**
C33. Abutment Walls:	At N only: mapcracking, efflor, and some spalling. Most defects in the lower sloped portion.	2	6
C37. Pier Caps:	Widespread del. areas, esp. @ corners; one pier cap with map cracking; efflor and rust stains, near drainpipe; condition better in E approach.	2	5
C38. Pier Columns:	Widespread delams, spalls, and cracking; some columns with delam around entire circumfrence, wide cracks (in delaminated material not base material) and spalls (considerable LOS of concrete). Many cracks, delam. and corner spalls. E most spans much better. little exposed rebar @ columns; apparent fire staining @ E approach column.	3	4
C39. Backwalls:	Full hight wall at E.	1	7

Bridge Inspection Report | *Routine Inspection*

SFN: 3101533

Brighton Approach Bridge over Central Parkway **Date Inspected:** 10/27/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 4 P

Signature: _____ **Bridge No.:** CITY (BP) #04

C40. Wingwalls:	Isol. vert. HL cracking; minor map cracking with areas of built-up efflor @ wall joints, mostly at top.	1	7
N60. Substructure Summary:		**Summary Rating:**	**4**
C1. Pavement:	Asphalt at N: aligator cracking & slight sunken area. Concrete @ S, ramp: few wider cracks, three small areas of crushing & adjacent delams in gutter at construction joints.	2	6
C2. Approach Slabs:		1	7
C5. Guardrail:	NW only.	1	7
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	1		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	1		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	N		
C6. Approaches Summary:		**Summary Rating:**	**6**
C55. Warning Signs:	Load Rating signs in stalled 2018; V.C. signs.	1	8
65. Vertical Clearance:	Signed 13'-6".	**Vert. Clearance Rating:**	1
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**4 P**

Inspection Notes: Camp removed in October 2021 prior to public involvement meeting.
Fire staining in E approach near column.

General Notes: Bridge transferred from ODOT to City inventory in 2018.
Plans for rehab/removal pending.

Recommended Maintenance:		**Assigned to:**
1.	Repair loose bracing of VPF at NE	TROD
2.	Clean inlets.	TROD
3.	Seal Cracks in S approach (ramp) with hot applied asphalt.	TROD
4.	Chip loose concrete over sidewalks and traffic lanes.	TROD
5.	Seal bot of sidewalk curb/gutter interface with hot applied asphalt.	TROD
6.	Seal small spall in wearing surface (over EB lane) with hot applied asphalt.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3103455

Celestial Street Pedestrian Bridge over Columbia Parkway **Date Inspected:** 10/01/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature: _____ **Bridge No.:** CITY (BP) #05

Route: 50 **Unit:** 2217 **Bridge Type** 112 / NNN **Date Built / Date Rehabbed:** 1938 /

Load Rating Percent 000 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Some scrapes & impact damage in N 2 spans; patched areas w mapcracking & efflor in S span (reappearing through coating); coating flaking esp. in N most span.	2	6
C7.2. Edge of Floor:	Vertical cracks w efflor often originating from railing posts; NW end of S span, top of pier, map cracking with discoloration & delams; construction joints visible; 2019 2 spalls in 2nd span from N over W bound lanes (2sqft x 4" deep)	2	6
C9. Curbs/Sidewalks:	Former cracks & spalls patched prior to membrane application; foot prints, but no cracks in membrane.	1	8
C11. Railing:	VPF (2005); welds attaching handrail to brackets corr; cheeseplates rusting heavily, non stainless bolts @ cheese plates very corroded; railing post over centrer span @ W corroding @ base; several zip ties on various rail members esp over center span; scrapes @ gates (from banners?) damaging paint; vert. railing curb cracks mostly near baseplates, see edge of floor.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	2 inlets w d/s @ N end of bridge, 1 inlet cover missing; 2 scuppers piped to UG @ S end.	1	7
C13. Expansion Joints:	Slight staining under joint @ S (steps).	1	8

N58. Deck Summary: **Cracks epoxy injected (2005).** **Summary Rating:** **6**

C14. Alignment of Members:		1	8
C15.2. Slab:	Former slab cracks (negative moment region) covered w membrane (see items 7.1 floor & 7.2 Edge of Floor) Rating still considers the cracking.	2	6
C26. Bearing Devices:	Mostly intregral N pier only.(not visible)	1	8

C30. Protective Coating System (PCS): **System:** **Year:** 2005 **PCS Rating:**

Conc. surfaces coated; galvanized "cheese plates" start to corr. from center outward.

N59. Superstructure Summary: **Redundant; not fatigue prone.** **Summary Rating:** **6**

C36. Pier Walls:	Repaired & coated (2005); flex. (ladder) cracks @ S side of S pier; spall @ SE edge of S pier cap; HL cracking elsewhere; spall @ E side of N most pier. (N support on Wall without backfill, hence considered pier, not abutment); 2 isol. delam areas detected by sounding.	1	7

N60. Substructure Summary: **Summary Rating:** **7**

Bridge Inspection Report | *Routine Inspection*

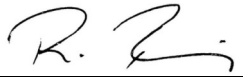
SFN: 3103455

Celestial Street Pedestrian Bridge over Columbia Parkway

Date Inspected: 10/01/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 A

Signature: 

Bridge No.: CITY (BP) #05

C55. Warning Signs:	Posted 13'-6" VC on bridge, posted in span 2 from N.	1	8
65. Vertical Clearance:		**Vert. Clearance Rating:**	1
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**6 A**

Inspection Notes: Bridge conc. repaired & recoated under ODOT HAM 50-22.39 contract (2004/2005).
Impact attenuator (Quadguard - 6 bay) installed E of 2nd pier from N.
N support on wall without backfill, hence treated as pier not abutment.
Deck membrane applied 2020.

General Notes: HAM-50-2217

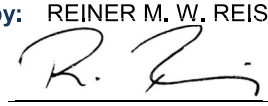
Recommended Maintenance:	**Assigned to:**
1. Reseal fence post @ bottom sleeve.	TROD
2. Plan for close up inspection of underside of slab (cracking).	Owner
3. Consider replacing bolts in cheeseplates where corroding.	Contract

Bridge Inspection Report | *Routine Inspection*

SFN: 3160610

Central Incinerator Approach Bridge over Mill Creek **Date Inspected:** 08/19/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 5 A

Signature: 

Bridge No.: CITY (BP) #06

QA/QC Inspector: STEPHEN C. GRESSEL, P.E.

Signature: 

Route: INCTR **Unit:** 2961 **Bridge Type** 344 / 322 **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1953 /

Load Rating Percent 100

Inspection Information

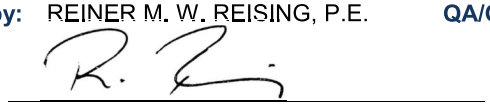
		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Main Span: Trans. Cracks, few with efflor.; rust staining mainly in outer bays; several delams and some w exp rebar. Approach spans in better condition.	2	6
C7.2. Edge of Floor:	Regularly spaced transverse cracking with efflorescence, esp @ N, spalling some w. exposed rebar typically near FB connections.	2	6
C8. Wearing Surface:	2015 wearing surface over the truss span. Small (< 1 ft) asphalt potholes in the other spans; several wider trans cracks in E approach.	1	7
C9. Curbs/Sidewalks:	Several wider trans cracks, delams, & curb spalling w exp rebar, moss growing in wider crack at S, minor popouts; rust staining; main span condition governs rating.	2	5
C11. Railing:	Spalling with exposed rebar at the base; diag crack through all panel @ SW approach.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	All inlets open; 1 scupper @ S missing extension pipe.	1	8
C13. Expansion Joints:	Compression selas with deformed glands: Debris in the joints, apparently leaks at all joints; sev. Corrosion to the joint armor and cover plates; some spalling around headers.	2	6
N58. Deck Summary:	**Summary Rating: 6**		
C14. Alignment of Members:	Some members bent, see 2020 FC report.	1	7
C15.1. Beams/Girders:	(Approach spans)/ missing bolt @ splice @ N beam (in E approach span, BF).	1	8
C16. Diaphragms/X-Frames:	(Approach spans)	1	8
C17. Stringers:	Laminar corrosion at the connections between the floorbeams in main span; corr. on top flanges.	2	6
C18. Floor Beams:	Pitting up to 1/8" in most members; laminating corr. of TF's @ ends of FB's; pack rust @ connections; surface corrosion and laminating corrosion at the ends on the flanges. Cracked tack welds . Missing rivets & severe LOS on some nuts (see FC report). Conc FB @ W approach: cracks, rust stains, & delams; spalling w exp rebar @ E most FB, all 3 other ones much better.	2	5
C19. Truss Verticals:	Pack rust @ connections.	1	7
C20. Truss Diagonals:	Laminar corrosion and pack rust at the gusset plate lower connecton interface; 1/8" painted over pitting.	1	7

Bridge Inspection Report | *Routine Inspection*

SFN: 3160610

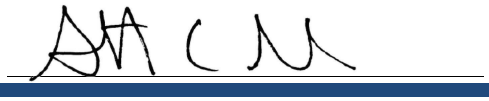
Central Incinerator Approach Bridge over Mill Creek **Date Inspected:** 08/19/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 5 A

Signature: 

Bridge No.: CITY (BP) #06

QA/QC Inspector: STEPHEN C. GRESSEL, P.E.

Signature: 

C21. Upper Chord:		1	7
C22. Lower Chord:	Up to 1/4" pack rust between the plates.	1	7
C23. Truss Gusset Plates:	Pitting, pack rust @ connections.	2	6
C25. Sway Bracing:	Impact damage at 2 locations.	2	6
C26. Bearing Devices:	Laminating corrosion to the sliding bearings at the approach; W approach bearings may no longer be able to move due to corrosion; E abutment bearings in hot weather mode with many anchor bolts leaning; anchor bolts cut under end diaphrams.	2	5

C30. Protective Coating System (PCS): **System:** OZEU **Year:** 2003 **PCS Rating:** 6

6-15% surface area failed; candidate for zone painting; non matching paint @ S railing(modified for trail).

C32. Fatigue Prone Details:	See latest (2020) FC report.	1	7

N59. Superstructure Summary: **Flow debris trapped @ BF's (2020 flooding). Also see 2020 FC report detailing cracked tack welds, etc.** **Summary Rating:** **5**

C33. Abutment Walls:	Cracking w minor efflor @ E; minor spalls; staining.	1	7
C36. Pier Walls:		1	8
C37. Pier Caps:	Shallow spalling on top of N end of E pier. Horiz crack w efflor and rust staining and larger unsound patch @ W(really a brace between two pier columns hence not considred for rating).	1	7
C38. Pier Columns:	2 corner spalls w exp rebar @ the East pier of main span.	1	7
C39. Backwalls:	HL to narrow cracking with widespread staining @ E.	1	7
C40. Wingwalls:		1	8
C42. Scour:	Rip-rap is around the pier	1	8

Scour Inspection Type 1

N60. Substructure Summary: **Flow debris around bearings.** **Summary Rating:** **7**

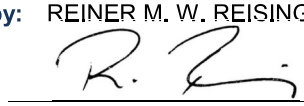
C51. Channel Alignment:	2 streams converge upstream (close to bridge). The 2nd stream comes in at approximately 45 degrees causing areas of deep water.	2	6
C52. Channel Protection:	Rip-rap is at the E Pier.	1	7

Bridge Inspection Report | *Routine Inspection*

SFN: 3160610

Central Incinerator Approach Bridge over Mill Creek **Date Inspected:** 08/19/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 5 A

Signature: 

Bridge No.: CITY (BP) #06

QA/QC Inspector: STEPHEN C. GRESSEL, P.E.

Signature: 

C53. Hydraulic Opening:		1	9
N62. Channel Summary:	**Banks overgrown**	**Summary Rating:**	**6**
C1. Pavement:	Random transverse cracks, mostly in bike lane (still smooth ride, no bounce), some asphalt patches; breaking up @ E end @ interface w approach slab.	2	6
C4. Embankment:	Overgrown.	1	8
C5. Guardrail:		1	8
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	1		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	1		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	1		
C6. Approaches Summary:		**Summary Rating:**	**6**
C55. Warning Signs:	14'-0" clearance sign bent @ W; A traffic signal is in place to cross the bridge (2015); single lane with bike/pedestrian path.	1	7
C57. Utilities:	Supported fiber conduit cracked through at W coupler and severely corroding under joints.		

Utilities On Structure: N N N N N N Y

N59. General Appraisal and Oper. Status:	**General Appraisal / Operational Status:**	**5 A**

Inspection Notes:
FC inspection May 2020 by B&N on file.
Bike path delineators no longer on bridge.
Apparent ODOT (Walsh) detour route on bridge causing significant semi-truck traffic in 2019.
Unable to access piers d/t high water in 2021.
New homeless encampment at E abutment in 2021.

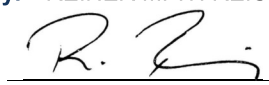
Recommended Maintenance:	**Assigned to:**
1. Consider bearing replacement @ W approach.	Contract
2. Consider curb patching.	TROD
3. Repalce exp. joints at W end of truss.	Owner
4. Cut veg. from railings, sidewalks and 10 ft from around WWs.	TROD
5. Clean painted surfaces (pressure wash with low pressure and pure water).	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3199937

Central Parkway over Rapid Transit Tubes - Walnut to Draper **Date Inspected:** 12/10/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 5 A

Signature: 

Bridge No.: CITY (BP) #07

QA/QC Inspector: BRANDON M. LECRONE, P.E.

Signature: 

Route: **Unit:** **Bridge Type** 172 / **Date Built / Date Rehabbed:** 1924 /

(Main/Approach Spans)

Load Rating Percent

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Typical slightly vaulted ceiling in the main tunnel, and ceiling slabs in the stations. Deterioration mostly limitted to construction joints (typically spaced @ 30ft): Widespread seepage, efflor., stalactites, spalls & some exp. reinf. are typical at joints; large portions of the tunnels have been repaired with gunnite; currently the worst conditions can be found at Mohawk and Brighton Stations with several large spalls exposing up to 12 adjacent bars, some with LOS. One bay at the E end of the Race St Station has cracking and build-up of efflor. (E most bay with beams). Single long. Bar exposed (low cover) over +/- 20 ft East of Brighton Station.	2	5
C8. Wearing Surface:	Wearing surface on fill; portion S of WHV replaced 2010; cracking at several locations; wider reflective cracks at the end of the 2010 repair areas, esp at Brighton. Long. Cracking in the W bikelane N of WHV could be a result of differental settlement at the curved portion of the tunnel roof.	1	7
C11. Railing:	Conc. WPA @ N end along Central Pkwy; weathered; delam & several spalls with exposed rebar @ some posts. Many railing segments were replaced in kind because of frequent impact from vehicles.	2	6
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Seepage into tunnels (mostly attributed to jts.); sig built-up of efflor around slab portion of vent shafts in Race Street station with stalagmites forming below. During 2021 inspection two floordrains were not functioning causing water to accumulate in the E tube (E of Brighton STA 116 & STA 104 (water at 104 almost overtops median wall); build-up of debris and mudd at floor drains.	2	5
C13. Expansion Joints:	Only at ends of Race Street Station platform. Covered by fill and not visible from top.	2	5
N58. Deck Summary:		**Summary Rating:**	**5**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Only present at ends of Race Street station: Isol. Spalling mostly due to low cover of stirrups; worst condition E of Race station with a few beams w damaged exposed bars, worst beam with 4 exp. Bars.	2	6
C15.2. Slab:	Non vaulted ceiling portion in stations only (also see item floor): Spalling w exp. rebar mostly due to low concrete cover; diag. crack @ S portion of Race Street E of Race; long. cracks w efflor in some bays between beams close to Elm Street.	2	6
N59. Superstructure Summary:	**Redundant, not fatigue prone.**	**Summary Rating:**	**6**

Bridge Inspection Report | *Routine Inspection*

SFN: 3199937

Central Parkway over Rapid Transit Tubes - Walnut to Draper **Date Inspected:** 12/10/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 5 A

Signature: _____ **Bridge No.:** CITY (BP) #07

QA/QC Inspector: BRANDON M. LECRONE, P.E.

Signature: _____

C33. Abutment Walls:	(Full length of tunnel other than stations): Areas of isol conc. deter. and exposed rebar - especially @ constr. Jts. And refuge niches; seepage (often with mineral build-up) @ construction joints.	2	6
C36. Pier Walls:	(In center of typical tunnel sections, not stations): Seepage @ constr. jts.; cracking, relatively widespread delaminations and spalls with exposed reabr at corners, (low rebar cover); worst condition between Brighton Station and N portal where several walls have large size delaminations.	2	6
C37. Pier Caps:	(In stations connecting pier column tops): Several locations with seepage, spalls and exposed bars at construction joints. (2 locations at Mohawk with 5 exposed bars, 3 exposed bars at N end of Liberty station on E side; multiple locations with exposed bars at Brighton).	2	5
C38. Pier Columns:	(Columns in the stations only): Typically in good condition; but LOS to 2 columns at the E end of the Race station platform (under expansion joint), many stirrups visible due to low cover, and deeper spalls w exp. Main bar at bottom.	1	7

N60. Substructure Summary: **Summary Rating: 5**

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **5 A**

Inspection Notes: Watermain leaking (2021) at WW STA 106.
Generally moist from condensation S of Liberty where vent area is smaller, much dryer N of there.
2021: Brighton station door plated due to vandalism. Race Street door not lockable due to vandalism (WW to repair).
Openings in W wall N of WHV being closed by TROD.
2021 City surveyors joint inspection to map Brighton Station for bridge rehab.

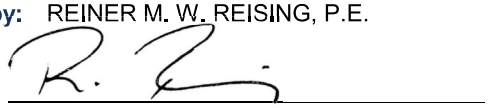
Recommended Maintenance:	**Assigned to:**
1. Repair leaking pipe at STA 106	GCWW
2. Remove trash and construction material out of the tunnels.	GCWW
3. Possible repair list near Brighton in concert with Bridge rehab.	Contract
4. Secure tunnel entrance doors.	GCWW

Bridge Inspection Report | *Routine Inspection*

SFN: 3199924

Central Parkway over Rapid Transit Tubes South of Hopple Street **Date Inspected:** 10/19/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 5 A

Signature:  **Bridge No.:** CITY (BP) #08

Route: 27 **Unit:** **Bridge Type** 172 / **Date Built / Date Rehabbed:** 1924 /

Load Rating Percent 100 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Mostly concealed by gunnite; trans. cracks w seepage & efflor @ const. jts.; widespread spalls & delam. of gunite; some exp. reinf.; rust stains; few minor stalactites forming; minor leakage @ some locations. 1 wider {+/- 0.10"} and deeper crack all around the tunnel (through floor, deck, pier and abutments at +/- 75' from the S end of the W tunnel, other cracks developing into similar global cracks.	2	5
C11. Railing:	Old WPA type railing; some spalling & cracking; some exp. reinf. - especially over S entrance.	2	6
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	4 floor drains. During the 2019 inspection most of the tunnel was filled with water, up to 2' deep, high enough to go over the separation wall between the E and the W tunnel; no stading water in 2021. Rating based on 2019 observations.	4	0
N58. Deck Summary:		**Summary Rating:**	**5**
C14. Alignment of Members:		1	8
C15.2. Slab:	See "FLOOR" Above.	2	5
N59. Superstructure Summary:	**Highly redundant; not fatigue prone.**	**Summary Rating:**	**5**
C33. Abutment Walls:	Covered with gunnite; vert. cracking and some rust staining @ const. joints; isol seepage; graffiti.	2	6
C38. Pier Columns:	Covered with gunnite; del. areas @ corners; typically w exp. Rebar; rust staining and cracking @ constr. Joints; cracking mostly at joints.; deep and wider crack at +/- 75' from S end of W tube.	2	5
C40. Wingwalls:	Seepage; cracks w efflor; wide WW jt. 3" @ S entrance, opening slightly; possible delam. areas & spalls.	2	6
N60. Substructure Summary:	**Cracks and heaving in tunnel floor @ S (E tube).**	**Summary Rating:**	**5**
C1. Pavement:	2016 Hopple street, ODOT project; trans. cracks, most likely not tunnel related.	1	8
C4. Embankment:	Overgrown.	1	8
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	N		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	N		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	N		
C6. Approaches Summary:	**ODOT fence along interstate starting to overgrow; fence hit in 1 location**	**Summary Rating:**	**8**

Bridge Inspection Report | *Routine Inspection*

SFN: 3199924

Central Parkway over Rapid Transit Tubes South of Hopple Street

Date Inspected: 10/19/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 5 A

Signature:

Bridge No.: CITY (BP) #08

65. Vertical Clearance:

Vert. Clearance Rating: N

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 5 A

Inspection Notes: Substantial accum. of garbage in tunnels; active campsites w lots of garbage in 2021.
Fire department called in 11-2021 when cmpers constructed fireplace inside the tunnel causing exceesive smoke (possible carbon monoxide issue) inside the tunnels.

Recommended Maintenance:	Assigned to:
1. Consider filling.	Owner
2. Monitor global crack at +/- 75' ft from S end of W tube.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3199928

Coliseum Pedestrian Bridge from Taylor Southgate Bridge **Date Inspected:** 06/08/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature: R. Reising **Bridge No.:** CITY (BP) #09

Route: **Unit:** **Bridge Type** 122 / NNN **Date Built / Date Rehabbed:** 1995 /

Load Rating Percent **(Main/Approach Spans)**

Inspection Information

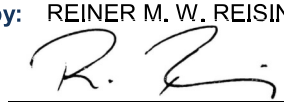
		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Conc. stairs; sig. efflor. & minor rust stains @ long. const. jt; build-up efflor under crack at NW.	2	6
C7.2. Edge of Floor:	Widespread staining; minor efflor.	1	7
C9. Curbs/Sidewalks:	CIP conc. stairs; "humped" repair areas @ precast panel attachment points; 3M waterproofing membrane applied (2005) repaired 2011; membrane peeling esp @ vertical face of steps; cracking (some wider cracks) & some rust staining, esp. over long. construction jt; cracking, spalling, & delaminations & rust staining, esp @ const. jnt.; gum stains & trash on floor.	2	6
C11. Railing:	Precast conc. panels (1995); some H/L cracking; canopy posts rusting @ bases; rust on welds of posts' supports; handrail paint flaking; cracked & spalled panel bottom corner @ NE; spall w exp. rebar at bottom of railing @ NE; algae growing in panel @ N; 2 small spalls w rust stains inside face (below deck) railing @ S	2	6
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	No inlets on struct; water appears to drain thru exp. jt. onto E pier.	1	8
C13. Expansion Joints:	Some debris in bottom jt.; jt. @ top of stairs replaced (2005), cover plate thermal spray treated to have slip-resistant surface (2016); rusting.	1	8
N58. Deck Summary:		**Summary Rating:**	**6**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Widespread minor flexural H/L cracking along bottom sides of beams, few w efflor.; many patches on N beam; E end of N beam has widespread rusting of embedded wire ties and nails, etc. (mess in formwork not cleaned).	1	7
N59. Superstructure Summary:	**Not redundant; not fatigue prone.**	**Summary Rating:**	**7**
C37. Pier Caps:	Minor flex. cracks @ pier caps - some w efflor; horiz. crack w seepage & rust staining; damp areas under joint @ W; apparent del. at S end of W pier cap; horiz crack w rust staining 3" below top of both piers.	2	6
C38. Pier Columns:	Reg spaced horizontal cracking on N faces of piers some w rust staining (NE @ E column, NW @ W column), some map cracking; larger bottom spalls w exp. rebar (deep spall w build up of efflor. And rust staining @ E (3 SF); (4) shallow spalls with exposed rebar from low cover near bot of W pier).	2	6
N60. Substructure Summary:		**Summary Rating:**	**6**

Bridge Inspection Report | *Routine Inspection*

SFN: 3199928

Coliseum Pedestrian Bridge from Taylor Southgate Bridge **Date Inspected:** 06/08/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature:  **Bridge No.:** CITY (BP) #09

C57. Utilities: Conduit added (strapped) to E pier; conduit & boxes below deck corroding; cracked light conduit @ E pier; corroding pull boxes & conduits; separated conduit with exposed wires. 2 5

Utilities On Structure: N N N N N N N

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **6 A**

Inspection Notes: Some canopy welds rusting with possible corrosion hole at NW.

General Notes: Structure widened (2000); one beam added @ N; canopy also added.

	Recommended Maintenance:	**Assigned to:**
1.	Repair membrane and underlying stairs as necessary.	Owner
2.	Clean base of handrail + canopy columns + extend membrane to bottom of columns (after cleaning column bases).	Owner
3.	Clean debris, salt, etc. on steps, pressure wash.	TROD
4.	Repair broken conduits, replace pull-box covers.	Traffic
5.	Consider painting steel members (canopy & handrails)	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3101355

Coliseum Ped Bridge over Taylor Southgate Bridge

Date Inspected: 10/14/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: R. Reising

Bridge No.: CITY (BP) #10

Route: 27 **Unit:** 15 **Bridge Type** 322 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1976 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Minor HL cracks & few patches @ exp. jts (retro fit); few H/L cracks w minor efflor. over center span.	1	8
C7.2. Edge of Floor:	Cracks w efflor. @ joints, esp @ corners; staining on railing overhangs; possible delam @ S end of exp jnt. over 2nd pier from E.	1	7
C9. Curbs/Sidewalks:	3M Traffic Membrane (1994); re-applied (2005); hand size area of missing membrane over E main pier.	1	8
C11. Railing:	Precast railing (1993); sealed (2005); rust on new weld conn. plates @ SE; mostly vert. HL cracks on inside of most panels.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	10 inlets (all appear open) w d/s (w near horiz. runs); all appear open; minor ponding @ SW.	1	8
C13. Expansion Joints:	Peterson jt. installed (2000) @ E when parking garage was constructed; remaining jts. replaced (2005) w WABO seismic span; jt. to SE steps loose & bulging; apparent isol. leakage over piers w corr. of diaphragms & bearings (sig leakage @ NE), mostly @ fascia; new 2021 rating guidelines.	2	5

N58. Deck Summary: **Lots of de-icing course salt on deck during 2019 inspection.** **Summary Rating:** **8**

C14. Alignment of Members:	1" horiz. offset @ SE steps.	1	8
C15.1. Beams/Girders:	Rolled beams in approach spans, built up beams of different heights in main span.	1	8
C16. Diaphragms/X-Frames:	E end diaphrams not painted on parking garage side w significant rusting where galvanizing was scratched around pre drilled holes (former beam attachments?); filler plates originally welded to diagonals are seperated/cracked @ most diaphrams; diaphram in N most bay, 5 from E not bolted @ N fascia beam.	1	8
C18. Floor Beams:	NW & SE only, supporting railing.	1	8
C26. Bearing Devices:	Many bearings @ W pier in hot weather mode @ 50F; rust stains under S-most bearing @ E & center pier; rust @ NE (exp. joint end); bearings @ center pier in cold-weather mode @ 80F;W span exp. bearings apparently on coliseum side.	1	7

C30. Protective Coating System (PCS): **System:** EEU **Year:** 1994 **PCS Rating:** 7

Failing @ beam ends under exp. jnts.; unpainted, ugly welds @ fascia beam @ SE from welding precast attachments.

N59. Superstructure Summary: **Redundant, fatigue prone.** **Summary Rating:** **8**

Bridge Inspection Report | *Routine Inspection*

SFN: 3101355

Coliseum Ped Bridge over Taylor Southgate Bridge **Date Inspected:** 10/14/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY (BP) #10

C37. Pier Caps:	H/L flex. cracks with little efflor. @ top (w moist cracks at W pier); rust staining from rebar standoffs, & under some bearings.	1	7
C38. Pier Columns:	Full height vert. cracks w efflor. on street side of W (HBC arena) piers (conc.-encased steel); minor spalling @ NE pier.	1	7
N60. Substructure Summary:	**Widespread rusting from rebar standoff. (Rating driven by assumed condition of concrete-encased steel pier @ W); anchor bolt w cut off copper wire @ N end of W pier cap.**	**Summary Rating:**	**7**

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 A**

Inspection Notes: Random steel post attached to N side of cantilever of E pier.
Light fixtures on top (Plaza) to be replaced in near future.

General Notes: HAM 27 0015

Recommended Maintenance:	**Assigned to:**
1. Spot paint unpainted steel & under exp. jnts.	Contract
2. Check concrete in S deck overhang @ 2nd pier from E & @ NW.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3101940

Coliseum/Stadium Plaza Overhead over Broadway (Platform A) **Date Inspected:** 10/22/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature: _____ **Bridge No.:** CITY (BP) #11

Route: 0027D **Unit:** 0183 **Bridge Type** 321 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1975 /

Load Rating Percent 0

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Spalls @ var. loc. w some exp. rebar & efflor. esp. under exp. jts.; minor trans. cracks w efflor. esp @ const. jts. @ S end; isol. spalling of conc. @ TF's, esp @ SW; spalled conc. in bird netting near jnts; rust staining & efflor. @ SW near flagpoles.	1	7
C7.2. Edge of Floor:	Conc. spalls w exp. rebar & efflor. @ W (Reds stadium jnt.).		
C9. Curbs/Sidewalks:	Waterproofing membrane applied (1993); re-applied (2005); membrane broken @ SW inlet & @ many locations mostly @ gates to reds stadium (w corrosion) & W of flagpoles; new 2016 drilled holes for gate pins @ Reds Bleacher entrance; several delaminated areas detected under apparently intact membrane.	1	7
C11. Railing:	Precast railing installed (1993); some panels cracked vert; plaques (SW) bent & corr, some missing; NW panel w corner spall & several vertical & horiz. cracks (injected) w efflor @ front crack; top corner broken out behind sign panel @ SW.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	18 inlets w d/s (w near horiz. runs); inlets w little clogging, some corr around grates; isol. severe corr. @ drain pipe connections under the deck (apparent leakage).	2	6
C13. Expansion Joints:	Replaced w WABO seismic span (2005), cover plates loose with attachments corroded through; C/P @ SW show slight vert. offset; portion of N C/P (County joint) misaligned, shifted towards GABP 3.5"; evidence of leakage @ all jts (stained plywood & rusting on BF's); some plywood panels starting to weather; 90 deg bend @ ticket office has crack in compression seal causing leakage below.	2	5

N58. Deck Summary: **All adjacent private (wide) cover plates have shifted.** **Summary Rating:** **7**

C14. Alignment of Members:	3 (westmost) knee braces (angle & fin) supporting outside S stringer are bent (construction?).	1	7
C15.1. Beams/Girders:	Localized pitting with LOS @ (beam end @ center pier under intersection of 2 jts); spalling conc. due to rusting @ TF & leaking exp jnts.; rusting BF @ jnt., between beams 13 & 14 and 23 & 24 from N; spalling of haunch from top flange @ SW (10' from exp jnt. to GABP). (Rating based on apparent condition under exp. jnt.).	1	7
C16. Diaphragms/X-Frames:	Minor corr.	1	8
C17. Stringers:	See beams (15.1)	1	8
C18. Floor Beams:	Floor beams @ SE only; minor corr. arrested by painting.	1	8
C26. Bearing Devices:	Elastomeric; many concealed.	1	8

C30. Protective Coating System (PCS): **System:** EEU **Year:** 1994 **PCS Rating:** 7

Spot painting (2005); isol. peeling of top coat; failure under jnts.

N59. Superstructure Summary: **Redundant, fatigue prone - also not redundant, not fatigue prone. Rating based on apparent condition under exp joints.** **Summary Rating:** **7**

Bridge Inspection Report | *Routine Inspection*

SFN: 3101940

Coliseum/Stadium Plaza Overhead over Broadway (Platform A) **Date Inspected:** 10/22/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature: _____ **Bridge No.:** CITY (BP) #11

C37. Pier Caps:	Plaster @ coliseum damaged & spalled, allowing birds to enter. Conc. pier caps: part. depth repairs (2005) -map cracking w efflor, stalactites, & rust staining from fasteners of bird netting, worse condition @ center pier @ S jt; larger spalls @ SW cap (chipping of delam conc.) w exp rebar +/- 6 locations.	2	6
C38. Pier Columns:	Steel columns, conc. encased under arena; gunite repairs (1993); HL map cracking @ W with spalls, some w exp. rebar, patches & sev. delams; larger vert. cracks @ E, (fingerwide @ SE conc. encased steel columns); several corner spalls w exp. rebar @ W pier {esp @ S most column}	2	6

N60. Substructure Summary: **Condition controlled by worst areas @ SW column & cap.** **Summary Rating:** **6**

C57. Utilities: Several lights on plaza deteriorating; some lights @ W pier caps not working.

Utilities On Structure: Y N N N N N N

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **6 A**

Inspection Notes: Piers of Coliseum (Heritage Bank Arena) show significant cracks, but they are conc. encased steel.
Some spalled conc. caught in bird netting, mainly @ SW & under center exp. jnt.
New 2016 memorial sign/post attached at top through membrane.

General Notes: Formerly SFN 3161579 - Inventoried and inspected by ODOT 2/22/2005.
Precast panel @ S that was destroyed during sign maintenance replaced (December 2002).
Anti-bird netting installed (2006).

Recommended Maintenance:		**Assigned to:**
1.	Repair bird netting as necessary between w pier & GABP.	Owner
2.	Repair leaking jnts throughout.	County
3.	Reset jt. plates where shifted or loose. (Shift @ N plate 3.5" toward GABP)	County
4.	Repair holes drilled in the Plaza @ Bleacher Entrance gates.	County
5.	Remove fallen concrete from brid netting @ SW.	TROD
6.	Repair 90 deg bend in compression seal @ ticket office Heritage Bank.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3160017

Dalton Avenue Under C.U.T. Approach Drive **Date Inspected:** 05/03/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY (BP) #12

Route: DALTO **Unit:** 2927 **Bridge Type** 321 / NNN **Date Built / Date Rehabbed:** 1931 / 2018

Load Rating Percent 000 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Rehab work 2017/2018; epoxy injections and patching; staining & possible cracking @ N most vent shaft; loose concrete in bay 3 from N @ E abutment. Delamination in 3rd span from N at E.	1	8
C11. Railing:		1	9
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	New drain pipes added below during 2017/2018 construction; 202 inspection with fountain out of service.	1	9
C13. Expansion Joints:	New 2018.		
N58. Deck Summary:	**Summary Rating:**		**8**
C14. Alignment of Members:	Stringers @ exp. jts. appear shifted +/- 2" E-ward on knee bracing (const. issue that knee bracing was misplaced?); some knee bracings not in full contact w stringers.	1	7
C15.1. Beams/Girders:	Former corr repainted 2018; very minor pitting at isol. locations arrested. Pigeon feces.	1	8
C17. Stringers:	Former corr repainted 2018; very isol minor pitting arrested by new paint 2018. Pigeon feces.	1	7
C18. Floor Beams:	Repainted 2018	1	8
C30. Protective Coating System (PCS):	**System:** **Year:** 2018 **PCS Rating:** 8		
	Large areas spot painted 2018; isol. area's staining @ stringer ends from floor patching.		
N59. Superstructure Summary:	**Redundant; not fatigue prone.** **Summary Rating:**		**7**
C33. Abutment Walls:	Mostly concealed @ W; patched & epoxy injected 2018; isol. areas of moisture @ E.	1	8
C34. Abutment Caps:	Steel beams bet. Columns @ W mostly concealed; wrapped in bird netting 2018; partially assumed rating.	1	7
C35. Abutment Columns:	Conc. encased steel columns.	1	8
C40. Wingwalls:	Façade repairs 2017/2018	1	8
N60. Substructure Summary:	**Summary Rating:**		**7**

Bridge Inspection Report | *Routine Inspection*

SFN: 3160017

Dalton Avenue Under C.U.T. Approach Drive **Date Inspected:** 05/03/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY (BP) #12

C55. Warning Signs:	VC posted 13'-9".	1	9
C57. Utilities:	Many pipes replaced during 2017-2018 rehab; some electrical conduits separated, few abandoned pipes left; sev. missing/broken pipe hangers.	2	6

Utilities On Structure: U U U U U U U

65. Vertical Clearance: Posted 13'-9" (measured as 14'-0" @ N in 2020). **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 A**

Inspection Notes: Fountain not filled with water at the time of the 2021 inspection.
Ex amounts of pigeons below the structure.
Walked the tunnel with Rodney Maggard from the Museum center following the 2021 inspection to talk about maintenance items.
Dalton Ave closed to traffic during the 2021 inspection due to street rehab work at W.

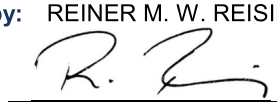
Recommended Maintenance:	**Assigned to:**
1. Replace missing or ineffectife pipe hangers	Owner
2. Remove all loose conc. from floor {bay 3 from N @ E}.	Owner
3. Remove all unused utility conduits, there appear to be many of them (pipes/conduits & hangers).	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3161455

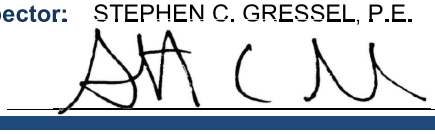
Dana Avenue Pedestrian Bridge North of Madison Road **Date Inspected:** 07/22/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 7 A

Signature: 

Bridge No.: CITY (BP) #13

QA/QC Inspector: STEPHEN C. GRESSEL, P.E.

Signature: 

Route: DANA **Unit:** 4071 **Bridge Type** 322 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1973 /

Load Rating Percent 000

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Many trans. HL cracks w minor efflor esp. over piers & mid span of main span (N ramp); rust stains from rebar standoffs; small delam (hand size) @ 3rd drain from E.	1	7
C7.2. Edge of Floor:	Minor crack delam. @ fascia w isol. efflor. (cold joint between deck & curb); evenly spaced HL trans. shrinkage cracks w efflor in negative moment; rust stains from rebar standoffs; single rust stain @ N fascia in main span.	1	7
C9. Curbs/Sidewalks:	Rough broom finish; popouts - some scaling; trans. cracks extend thru slab in neg. moment regions; some older patches.		
C11. Railing:	Horiz members pulled out of exp. sleeve mostly @ W (see inspection notes); some posts @ E have sheared off nuts (impact damage from fallen tree); slightly loose vandal fence; tree near bridge scraping railing.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	6 inlets w & w/o d/s; all appear open; DS @ pier 2 from E not plum.	1	7
C13. Expansion Joints:	Very minor conc. spalling @ comp. seals; larger opening @ W joint to railing (see Inspection Notes); sliding plate @ W corroding d/t larger expansion.	1	8
N58. Deck Summary:	**Top deck @ fascias to drip groove sealed w silane sealer (1998).**	**Summary Rating:**	**7**
C14. Alignment of Members:	Slight mis-alignment over Dana @ splice - bridge moved 1" S @ W pier (see Inspection Notes).	2	6
C15.1. Beams/Girders:	Impact damage - bent BF @ S & N beams @ splice and adjacent; gouged from impact @ S beam over N bound lane; minor initial corr. @ flanges (top flanges at haunches); slight pitting arrested by painting.	1	7
C16. Diaphragms/X-Frames:	Minor corr.	1	8
C26. Bearing Devices:	Paint flaking (1992); anchor bolts bent w nut missing @ E pier; bent anchor bolts @ N pier of W ramp; corroding @ E abutment; bearings @ W pier of main span apparently shifted S by +/- 1".	1	7

C30. Protective Coating System (PCS): **System:** **Year:** 1992 **PCS Rating:** 7

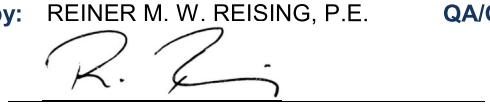
Widespread fading; flaking - esp. @ E where reachable height; several runs & tears throughout; few areas not painted (E end of S main beam & 3rd DS support from E).

Bridge Inspection Report | *Routine Inspection*

SFN: 3161455

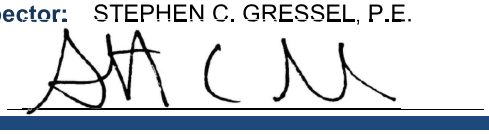
Dana Avenue Pedestrian Bridge North of Madison Road **Date Inspected:** 07/22/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 7 A

Signature: 

Bridge No.: CITY (BP) #13

QA/QC Inspector: STEPHEN C. GRESSEL, P.E.

Signature: 

C31. Pins/Hangers/Hinges:		1	8
N59. Superstructure Summary:	**Not redundant; not fatigue prone.**	**Summary Rating:**	**7**
C33. Abutment Walls:	Stubs.	1	8
C36. Pier Walls:	Minor cracks; minor impact damage @ pier of E steps; spall @ w exp rebar @ W pier of main bridge (hand sized).	1	8
C37. Pier Caps:	HL cracks (one cap with efflor.) in cantilever; minor vert. HL crack @ cap under W landing cracked @ 2 faces @ W (both ends); sealed w silane sealer (1998).	1	7
C39. Backwalls:	Minor popouts @ E.	1	8
C40. Wingwalls:	Minor popouts; minor vert. HL cracking.	1	8
N60. Substructure Summary:		**Summary Rating:**	**7**

65. Vertical Clearance: 14'-9" **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 A**

Inspection Notes: Jnt. bet. W ramp & bridge appears to have opened +/-1" since last painting (result of impact). C/P's exposed 1" of rust & railing is pulled out of exp. piece; ramp bearings indicate no movement, but bridge bearings @ W pier have moved 1" to S; approach slabs @ bridge ends undermined, some settled.

Recommended Maintenance:	**Assigned to:**
1. Consider sealing deck or deck cracks or applying membrane.	Contract
2. Remove tree near playground (E of Dana).	CRC
3. Address undermining of E approach walk to prevent offset @ bridge ends.	TROD
4. Remove vegetation @ bottom of W ramp.	TROD
5. Remove tree @ W end against ramp.	TROD

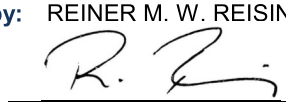
Bridge Inspection Report | *Routine Inspection*

SFN: 3161455

Dana Avenue Pedestrian Bridge North of Madison Road

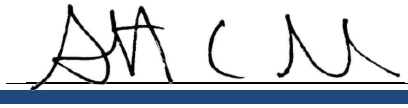
Date Inspected: 07/22/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 7 A

Signature: 

Bridge No.: CITY (BP) #13

QA/QC Inspector: STEPHEN C. GRESSEL, P.E.

Signature: 

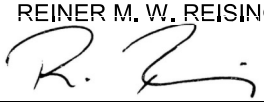
6.	Caulk telescoping joint in VPF ramp @ NW & drill hole in base of fence post.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3160432

Dreman Avenue Bridge over West Fork Channel **Date Inspected:** 08/03/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature:  **Bridge No.:** CITY (BP) #14

Route: DREMN **Unit:** 2831 **Bridge Type** 321 / NNN **Date Built / Date Rehabbed:** 1999 /

Load Rating Percent 150 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	HL cracking w minor efflor. @ some trans cracks.	1	8
C7.2. Edge of Floor:	HL cracks w efflor. @ S.	1	8
C8. Wearing Surface:	Isolated HL transverse & long. cracks; few popouts; no delams detected.	1	8
C9. Curbs/Sidewalks:	HL transverse and vertical curb cracks w minor effor.; vegetation growing through joints of curbs & railings; popouts in walk.	1	7
C11. Railing:	HL vertical cracks some w efflor.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C12. Drainage:	Off bridge.	1	9
C13. Expansion Joints:	Debris filled with concrete spalling @ the headers on backwall side; sidewalk cover plate missing 1 bolt.	1	7
N58. Deck Summary:	**Summary Rating:**		**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	No flange transition on Beam 2.	1	8
C16. Diaphragms/X-Frames:		1	8
C26. Bearing Devices:		1	8
C30. Protective Coating System (PCS):	**System:** **Year:** **PCS Rating:** 8		
	Painted 1999; isol scraping from vegetation esp. @ NW.		
N59. Superstructure Summary:	**Summary Rating:**		**8**
C33. Abutment Walls:	Isolated HL vertical cracks w minor efflor; graffiti; staining @ top of abutment.	1	8
C39. Backwalls:	Few vert cracks, 1 w efflor @ W; slight spalling @ exp jnt armor.	1	8
C40. Wingwalls:		1	8
C42. Scour:	Scour hole @ E behind channel wall (hence not affecting bridge).	1	7
Scour Inspection Type			
N60. Substructure Summary:	**Summary Rating:**		**8**

Bridge Inspection Report | *Routine Inspection*

SFN: 3160432

Dreman Avenue Bridge over West Fork Channel

Date Inspected: 08/03/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: _____

Bridge No.: CITY (BP) #14

C51. Channel Alignment:	Concrete lined channel.	1	9
C52. Channel Protection:	Channel itself is very good, but fill behind channel walls is washed out during floods; E channel wall cracked @ erosion hole.	1	7
C53. Hydraulic Opening:		1	9
N62. Channel Summary:	**Summary Rating:**		**7**
C1. Pavement:	Few cracks (mostly sealed) @ utilities.	1	8
C2. Approach Slabs:	Diagonal/longitudinal hairline cracks are typical. One diagonal crack, measuring up to 1/8 inch wide, is located in the South corner of the West Approach slab. The crack has previous sealant over a portion of the length.	1	7
C4. Embankment:	Overgrowing around WWs.	1	8
C5. Guardrail:	Timber Guardrail @ S.	1	7
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	1		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	1		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	1		
C6. Approaches Summary:	**Summary Rating:**		**7**
N59. General Appraisal and Oper. Status:	**General Appraisal / Operational Status:**		**8 A**

Inspection Notes: Drone pictures taken 2021.

General Notes: Key 3206 opens channel chain at Powers.

Recommended Maintenance:	**Assigned to:**
1. Clean vegetation joint between sidewalk & railing, & sidewalk & curb; seal joints w caulk.	TROD
2. Cut vegetation from WW's 10' wide.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3161945

Duck Creek Rd Extension over Deerfield Creek **Date Inspected:** 12/03/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: R. Reising **Bridge No.:** CITY (BP) #15

Route: DUCKC **Unit:** **Bridge Type** / **Date Built / Date Rehabbed:** 2017 /

Load Rating Percent 150 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N): 1			
C44. Culvert - General:	Constructed from precast concrete arch segments: Multiple parallel long. HL cracks in center 1/3 of span of most units; few spalls (construction) most patched.	1	8
C45. Culvert - Alignment:	Very minor offset (transverse) of individual segments (construction).	1	8
C47. Culvert - Seams:	Minor offset (transverse) at some seams (less than 1/2").	1	8
C48. Culvert - Head/End Walls:	Few minor spalls patched as part of punchlist.	1	8
C49. Culvert - Scour:	Concrete slab invert;	1	9
Culvert Scour Inspection Type: 1			
N60. Culvert Summary:	**Debris accumulating in N half of culvert (up to inlet of Culvert from the West); graffiti.**	**Summary Rating:**	**8**
C51. Channel Alignment:		1	9
C52. Channel Protection:	Type B (at culvert) and D (upstream) with some bare spots (protection not going all the way into streambed by design.	1	8
C53. Hydraulic Opening:	Sediment/debris buildup on top of concrete slab invert in most of the culvert; conc. Bottom exposed in culvert just DS from pipe w water being knee deep @ low flow.	1	8
N62. Channel Summary:	**Stormwater outlet US of bridge does not seem to be adequately protected against errosion.**	**Summary Rating:**	**8**
C1. Pavement:	New 2017; patches near inlets N of culvert at Red Bank (top of wall).	1	9
C4. Embankment:	Vegetated.	1	9
C5. Guardrail:		1	9
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): 1			
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): 1			
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): 1			
C6. Approaches Summary:		**Summary Rating:**	**9**

Bridge Inspection Report | *Routine Inspection*

SFN: 3161945

Duck Creek Rd Extension over Deerfield Creek

Date Inspected: 12/03/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: R. Reising

Bridge No.: CITY (BP) #15

65. Vertical Clearance:	**Vert. Clearance Rating:** N
N59. General Appraisal and Oper. Status:	**General Appraisal / Operational Status:** 8 A

Bridge Inspection Report | *Routine Inspection*

SFN: 3106179

Elm Street Cable Stayed Pedestrian Bridge over FWW - East Side **Date Inspected:** 10/11/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: _____ **Bridge No.:** CITY (BP) #16

Route: 71 **Unit:** 66 **Bridge Type** 3A4 / **Date Built / Date Rehabbed:** 2000 /

Load Rating Percent 000 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Widespread trans. cracks w little efflor. & moisture; spalling @ NW corner (< 2 SF) crushing against vehicular bridge; ext. honeycombing @ S.	1	7
C7.2. Edge of Floor:	Staining; material {caulk?} squeezing out between deck & beam.	1	8
C9. Curbs/Sidewalks:	Walks sealed 2015; full width trans. cracks 5-10' avg. spacing; diag. cracks in corners; cracks @ back of curbs @ lights where stainless steel grates attach; spall @ SW where sign was hit in 2018 accident; 3' x 8' conc. patch in walk @ S.	1	7
C11. Railing:	Cracking conc. parapet esp around recess lighting; SE most panel repaired after spring 2018 accident.	1	8

N36. National Safety Feature - Bridge Railing (0, 1 or N): N

N58. Deck Summary: **Wearing surface sealed in 2015-2016** **Summary Rating:** **7**

C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Widespread staining esp on BF.	1	9
C16. Diaphragms/X-Frames:		1	8
C18. Floor Beams:	Minor widespread corrosion - especially @ staining on BF cantilevers; 3rd FB from N w sev. corr. bolt @ mid point (utility related, not for overall structure).	1	8
C24. Lateral Bracing:		1	8
C26. Bearing Devices:	Minor rust @ pier.	1	8

C30. Protective Coating System (PCS): **System:** IZEU **Year:** 2000 **PCS Rating:** 7

Some peeling @ cable term; isol. areas of missing topcoat on cables; isol corr (not cables).

N59. Superstructure Summary: **Widespread staining on bottom of beams.** **Summary Rating:** **8**

C33. Abutment Walls:	Concealed, assumed rating.	1	8
C37. Pier Caps:	Only under tower: cracks w. built up efflor. @ bottom of steel tower.	1	8
C38. Pier Columns:	H/L cracks above grates; H/L horiz. & vert. shrinkage cracks @ E face of pier.	1	8

N60. Substructure Summary: **Summary Rating:** **8**

Bridge Inspection Report | *Routine Inspection*

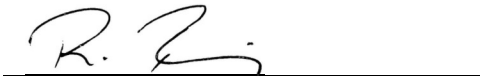
SFN: 3106179

Elm Street Cable Stayed Pedestrian Bridge over FWW - East Side

Date Inspected: 10/11/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: 

Bridge No.: CITY (BP) #16

C91. Deck Anchors:	Initial corr. at some FB connections (surface corrosion).	1	8
C92. Tower Anchors:	No issues detected.	1	9
C96. Cable Alignment:	As designed.	1	9
C97. Cable Condition:	Fading paint on main stays; corrosion on ornamental stays near turnbuckles (not considered for the rating).	1	8

Summary Rating: **8**

C57. Utilities: Light cannon {2nd from N} turned upside down, without lightbulb. 3 4

Utilities On Structure: Y N N N N N N

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **8 A**

Inspection Notes: 1 out of 4 bolts missing @ grating to parapet connection in N span; 1 grate beam to gusset connection not tight apparently (const issue); grating: some nuts/bolts conn. grating L-beam to concrete corr. (bottom side).

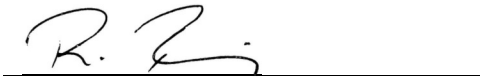
Recommended Maintenance:	**Assigned to:**
1. Consider painting floor beams.	Contract
2. Repair lights as necessary.	Traffic
3. Recualk around light fixtures in railing parapet.	Traffic

Bridge Inspection Report | *Routine Inspection*

SFN: 3106063

Elm Street Cable Stayed Pedestrian Bridge over FWW - West Side **Date Inspected:** 10/11/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature:  **Bridge No.:** CITY (BP) #17

Route: 71 **Unit:** 64 **Bridge Type** 3A4 / **Date Built / Date Rehabbed:** 2000 /

Load Rating Percent 000 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Minor HL trans. cracks w little efflor; spalling @ NE corner (< 1 SF); honeycombing @ S; some nails sticking out of floor.	1	7
C7.2. Edge of Floor:	Minor cracking; horiz cracks 2" below top of W railing fascia {cold joint N of pier}; E fascia full length patch over const. joint & some vertical cracking w efflor.; material {caulk?} squeezing out between deck & beam; E edge of floor, N of pier is crushing against pier +/- 1'.	1	8
C9. Curbs/Sidewalks:	Sealed 2015; full width trans. cracks - 3 to 10' spacing esp. @ midspan; diag. cracks @ corners.	1	7
C11. Railing:	Small spall @ interface w NW corner of pier; vert. cracks in conc. parapet, esp @ light fixtures; minor cracks in back of concrete portion where stainless steel grating is attached.	1	8

N36. National Safety Feature - Bridge Railing (0, 1 or N): N

N58. Deck Summary: **Wesring Surface selaed (2015-2016)** **Summary Rating:** **7**

C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Surface corr. w minor pitting @ T-bracing attachment over pier; widespread staining on FB's; isol. rust cells @ webs.	1	8
C16. Diaphragms/X-Frames:		1	9
C18. Floor Beams:	Widespread corr. - @ overhang portion; widespread staining of BF.	1	8
C24. Lateral Bracing:	Some possible loose bolts on galvanized T's; initial corr. on BF over T's.	1	8
C26. Bearing Devices:	Initial corr.; only pier bearing visible.	1	8

C30. Protective Coating System (PCS): **System:** IZEU **Year:** 2000 **PCS Rating:** 7

Peeling @ cable term; missing topcoat on portions of cables; isol. rusting @ cant., esp. @ welds & @ T connections.

N59. Superstructure Summary: **Widespread staining on underside.** **Summary Rating:** **8**

C33. Abutment Walls:	Concealed, assumed rating.	1	8
C37. Pier Caps:	Only under tower: cracking w built up efflor. & rust stains immediately below steel tower; patched @ SE corner.	1	8
C38. Pier Columns:	HL vert. & horiz. cracking esp. @ W face; minor popouts.	1	8

N60. Substructure Summary: **Summary Rating:** **8**

Bridge Inspection Report | *Routine Inspection*

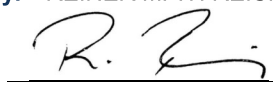
SFN: 3106063

Elm Street Cable Stayed Pedestrian Bridge over FWW - West Side

Date Inspected: 10/11/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: 

Bridge No.: CITY (BP) #17

C91. Deck Anchors:	Init. surface corrosion at floorbeam connection.	1	8
C92. Tower Anchors:	No issues detected.	1	9
C96. Cable Alignment:	As designed.	1	9
C97. Cable Condition:	Paint fading from main stays.	1	8
	Summary Rating:		**8**

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **8 A**

Inspection Notes: Some "stainless steel" grate fastener corroding, many bent.
Support rod for deck form left in place @ NW splice.
Shirt hanging over N shoulder @ decorative stay support.

Recommended Maintenance:	**Assigned to:**
1. Consider painting floorbeam cant. & cable conn. to floorbeams and BF of beams.	Contract
2. Repair S most light fixture (wire strung to secure the lid).	Traffic
3. Replace light bulbs as necessary.	Traffic

Bridge Inspection Report | *Routine Inspection*

SFN: 3161978

Elm Street Over Pete Rose Way and Parking Lots **Date Inspected:** 10/06/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY (BP) #18

Route: ELM **Unit:** 0000 **Bridge Type** 112 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 2000 /

Load Rating Percent 140

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Widespread minor honeycombing under the bottom reinforcing with initial cracking; the bottom layer of rebar can be detected visually (const issue); HL long., trans, & map cracking; wider cracks w efflor & some rust staining typical often originating from pier caps or drains; worst area's N of Freedom Way; moisture around many cracks after rain.	1	7
C7.2. Edge of Floor:	Some vert. cracking, widespread staining, efflor. and isol, spalling, moisture accum. between deck and topping slab.	1	7
C8. Wearing Surface:	Ext HL map cracking (random sizes; minor up to wide); sealed with SRS (2001); long cracks spaced at 9"; small spalls where cracks intersect w grooves, no delams detected 2019.	2	6
C9. Curbs/Sidewalks:	Cracks & spalls at the NW jnt; ext localized curb spalls; widespread cracking & peeling of walking surface (overfinished concrete esp @ E); troweled joints turning into small potholes; all issues N of Freedom Way.	2	6
C11. Railing:	1 nut missing at the W (S of the roadway); the post spacing is too large making it impossible to install the nuts; field adjustments are causing anchor plate to corrode; widespread paint peeling; some anchor bolts are corroded.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:		1	7
C13. Expansion Joints:	Center joint replaced (2009) at least 3 perforations in gland daylighting through center jnt; curb cracked at joints; debris accum. in joints; slight vertical offset between the N end (higher < 1/4") and 2nd St; apparent leakage @ distinct locations; moist areas under 2nd St. jnt.	1	7
N58. Deck Summary:	**Summary Rating:**		**7**
C14. Alignment of Members:		1	8
C15.2. Slab:	See item floor.	1	7
N59. Superstructure Summary:	**Summary Rating:**		**7**
C33. Abutment Walls:	The N CMU wall is unintentionally attached to the first pier (not an abutment), bridge movement resulted in cracks and spalls at the 2 top wall courses and 1 pier top. MSE wall at S with slight joint variation, but no sand in joints.	1	8
C34. Abutment Caps:	Cast in place concrete at S: cracking w slight efflor.	1	8
C37. Pier Caps:	Cracking, isol. efflor. similar to slab condition; crack & spall @ N end 2nd column from W; cap encapsulating trough @ Freedom Way disentegrating & map cracking.	1	7
C38. Pier Columns:	Minor scrapes, stains, random cracks and isol. minor spalls; some exp. rebar; 1 column w 5 main bars exposed & corr. @ notch; 8" tall corner delam @ top of column between Pete Rose Way lanes.	1	8

Bridge Inspection Report | *Routine Inspection*

SFN: 3161978

Elm Street Over Pete Rose Way and Parking Lots

Date Inspected: 10/06/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: R. Reising

Bridge No.: CITY (BP) #18

C40. Wingwalls:	Misalignment (bowing) of the MSE wall at the SW corner.	1	7
N60. Substructure Summary:		**Summary Rating:**	**8**
C1. Pavement:	S only: partially resurfaced in 2011; several wider map crackings S of approach slab; delams (unsound).	2	6
C2. Approach Slabs:	S only: ext cracking/spalling in curb & unsound portions of sidewalk on approach slab; seal at the S end of the approach slab is sticking up with minor tears causing minor ponding off the bridge.	1	7

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary:		**Summary Rating:**	**6**
C57. Utilities:	Pipes & boxes corroding; leaking conduit junction box under Freedom Way intersection; underside base plate of light post over Pete Rose Way(E side) sev. corroded; conc. street light posts disentegrating/cracking/spalling; conduit over both E & W side of sidewalk @ exp. joint S of Pete Rose Way crushed & corroding.	2	6

Utilities On Structure: N N N N N N N

65. Vertical Clearance: 17' 3" measured 8-27-2019 over Pete Rose Way. **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 A**

Inspection Notes: 2020 Element level inspection report on file.
1 tree @ W missing.

Recommended Maintenance:	**Assigned to:**
1. Plan for sidewalk improvements.	Contract
2. Consider sealing wearing surface.	Contract

Bridge Inspection Report | *Routine Inspection*

SFN: 3162494

Elmhurst Street Pedestrian Bridge over Torrence Parkway **Date Inspected:** 05/24/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 5 A

Signature: _____ **Bridge No.:** CITY (BP) #19

Route: TOREN **Unit:** 3751 **Bridge Type** 172 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1950 /

Load Rating Percent 000

Inspection Information	Rating 1 to 4	Rating 9 to 0
C7.1. Floor: Gunite coated (1985)(conceals much of underlying structures); spalls/delams. in several locs; areas of map cracking w severe build-up of efflor; stalactites.	2	5
C7.2. Edge of Floor: Gunite coated (1985) and patches(some irregular, many unsound); widespread ext. spalling with exp. rebar up to railing posts; widespread mapcracking in gunite & build up of efflor. & stalactites, staining.	3	3
C9. Curbs/Sidewalks: Between railings cracking, & spalling (see edge of floor); many patches, several hollow sounding areas; edge of floor spalls begin to affect the walking surface.	3	4
C11. Railing: Painted (2001); initial corrosion mostly at connections & isol. locs.; widespread flaking of top coat; build up of lichen under trees.	2	6
N36. National Safety Feature - Bridge Railing (0, 1 or N): N		
C12. Drainage: Over the side; moisture & tree debris causes slight slippery surface @ W.	1	7
C13. Expansion Joints: Seals replaced (1991).	1	8
N58. Deck Summary: **Top deck & fascia sealed w masonry coating (1998) - peeling.** **Summary Rating:** **5**		
C14. Alignment of Members: Slight vert. offset @ W & E (approach walk).	1	8
C15.2. Slab: See floor and edge of floor: many deep spalls on fascia w exp. rebar & conc. deter.; many patches & unsound conc. in neg. moment region; ext. efflor; coating is chipping off or bulging @ various locs.; extensive seepage & stalactites; gunite concealing most of superstructure; wide spread unsound areas (see edge of floor).	2	5
C26. Bearing Devices: Integral @ piers; elastomeric @ abuts., covered by gunite.	1	7
N59. Superstructure Summary: **Redundant; not fatigue prone; spalls in flash coating reveal sound areas & build up of excessive efflor.** **Summary Rating:** **5**		
C33. Abutment Walls: Large delams. of gunite coating & efflor @ E; spalling of gunite; rust stains & build up of excessive efflor @ W; completely ivy covered.	2	6
C36. Pier Walls: Gunite coating conceals pier walls (1985); delam. @ gunite coating; cracking w seepage @ corners; ext. efflor. build up, esp. @ corners; ivy growing on E pier.	2	6
C40. Wingwalls: Moss; gunite-coated.	1	7
N60. Substructure Summary: **Substructure flashcoated w gunite; widespread apparent (sounded) flashcoat delam; flashcoating conceals substructure elements; spalls in flash coating reveal sound areas & build up of excessive efflor.** **Summary Rating:** **6**		

Bridge Inspection Report | *Routine Inspection*

SFN: 3162494

Elmhurst Street Pedestrian Bridge over Torrence Parkway

Date Inspected: 05/24/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 5 A

Signature:

Bridge No.: CITY (BP) #19

65. Vertical Clearance:

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 5 A

Inspection Notes: Residential const. @ NE ongoing.
Vertical offset @ both ends of bridge w sidewalk 1.5"@E & 1"@ W.
Notified TROD after 2020 inspection about need to chip loose concrete from fascias (edge of floor).

General Notes: Entire structure coated (1991) (masonry coat).
Core tests by Thelen (Winter 2009).

Recommended Maintenance:		Assigned to:
1.	Carefully chip loose concrete from fascia.	TROD
2.	Perform edge of floor test patch.	TROD
3.	Remove vegetation that touches bridge (cut back 3').	TROD
4.	Discuss repair strategy in house.	Owner
5.	Clean/pressure wash lichen off handrail @ bridge ends.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3160882

Erie Avenue Bridge over Duck Creek **Date Inspected:** 06/14/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY (BP) #20

Route: ERIE **Unit:** 0278 **Bridge Type** 231 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1900 / 1980

Load Rating Percent 150

Inspection Information

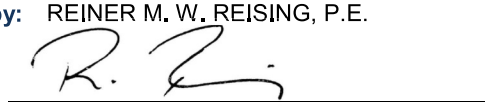
		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	See item beams	1	7
C7.2. Edge of Floor:		1	8
C8. Wearing Surface:	Asphalt: map cracking developing in N half of bridge; widespread delams & spalling of concrete next to exp jnts; 1 large spall @ NE +/- 3' x 1'	1	7
C9. Curbs/Sidewalks:	Few popouts in walks; isol HL cracking; several spalls @ bottom of curbs.	1	7
C11. Railing:	Vert cracks in conc portion w minor efflor.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	Evidence of ponding along the curb.	2	6
C13. Expansion Joints:	Filled w debris; rusting armor; widespread deep spalling around headers & delaminated areas.	2	6
N58. Deck Summary:	**Summary Rating:**		**7**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Few apparently sound patches in the beams around sewer pipe (utility installation issue?); traces of leakage between beams under curbs {stalactites} @ N & S; larger {3sqft}, but shallow spall over PVC utilities; delam of 6th beam from S @ West; delaminated corner w rust stain @ 2nd beam from N; delam @ 2nd beam from S @ W; moss/lichen on underside @ SW (2 beams).	1	7
C26. Bearing Devices:	Not visible.	1	8
N59. Superstructure Summary:	**Summary Rating:**		**7**
C33. Abutment Walls:	Staining; graffit; apparently sound patches; built-up of gunk in wheepholes; spall w exposed rebar @ NW.	1	7
C34. Abutment Caps:	Staining; few vert cracks w efflor (mostly @ const joints) to abutment wall; isol. moisture @ W. widespread moisture @ E.	1	7
C39. Backwalls:	Only top side visible; widespread spalling, delams, & patches around header; mapcracking @ W; some patched areas; several spalls @ SE but still smooth riding; compression seal to approach wearing surface ripped out @ SE	2	6
C40. Wingwalls:	Hairline map cracking with efflorescence; build up of efflor @ wall top; graffit; poison ivy.	1	7
C42. Scour:		1	9
Scour Inspection Type	1		
N60. Substructure Summary:	**Summary Rating:**		**7**

Bridge Inspection Report | *Routine Inspection*

SFN: 3160882

Erie Avenue Bridge over Duck Creek **Date Inspected:** 06/14/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature:  **Bridge No.:** CITY (BP) #20

C51. Channel Alignment:	Conc channel.	1	9
C52. Channel Protection:	Wide spread conc det. @ panel joints; some areas w exp rebar around low flow channel; condition under bridge much better.	2	5
C53. Hydraulic Opening:		1	9
N62. Channel Summary:	**Summary Rating:**		**5**
C1. Pavement:	Trans cracking & some map cracking; settlement @ manholes.	2	6
C4. Embankment:	Overgrown.	1	8
C5. Guardrail:	Several posts & spacer blocks are disintegrating; rusting perforated GR @ SW.	2	6
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	0		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	1		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	1		
C6. Approaches Summary:	**Summary Rating:**		**6**
C57. Utilities:	Gas main in good condition; many phone ducts broken or loose; sewer encasement apparently loose & rusting w LOS @ abutments.	2	5
Utilities On Structure:	N Y N Y N Y N		
N59. General Appraisal and Oper. Status:	**General Appraisal / Operational Status:**		**7 A**

Recommended Maintenance:	**Assigned to:**
1. Remove/repair PVC conduits.	Private Utility
2. Plan for joint replacement including armors & top of backwalls.	Contract
3. Seal cracks in asphalt wearing surface w hot applied sealer.	TROD
4. Seal bottom of curbs/gutter w hot applied sealer.	TROD
5. Monitor wearing surface to plan for replacement as necessary.	Owner
6. Patch top of backwall @ SE w fast setting conc.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3160602

Erie Avenue Bridge over Wasson Way **Date Inspected:** 06/15/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature: _____ **Bridge No.:** CITY (BP) #21

Route: SERIE **Unit:** 0220 **Bridge Type** 231 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 2001 /

Load Rating Percent 150

Inspection Information	Rating 1 to 4	Rating 9 to 0
C7.1. Floor: See item 15.1 beams.	1	8
C7.2. Edge of Floor: Remnants of vines along fascias.	1	8
C8. Wearing Surface: Few long. cracks are reflective over beams; long. const. jnt. in center.	1	8
C9. Curbs/Sidewalks: Small popouts, isol cracking in walk @ bridge ends; curb delam @ NE.	1	7
C11. Railing: HL vert cracks w precursor to efflor.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):		
C12. Drainage: Off the bridge; minor debris @ NE in bike lane.	1	8
C13. Expansion Joints: Integral so no real joints, but leaking from joint to pavement at NW.		
N58. Deck Summary: **Summary Rating:** **8**		
C14. Alignment of Members:	1	8
C15.1. Beams/Girders: Single small spall @ W abutment; many unused threaded inserts, many overdrilled holes; evidence of minor leakage @ center joint.	1	8
C26. Bearing Devices: Mostly not visible; pier cantilever bearings @ NE sticking out slightly {+/- 1"}	1	8
N59. Superstructure Summary: **3 span structure under sidewalks, single span under roadway.** **Summary Rating:** **8**		
C33. Abutment Walls: Stone deterioration (typically less than 2" deep); majority of masonry sounds hollow; cracking; weep holes of new conc. abutments drain water onto masonry below.	2	6
C34. Abutment Caps: Small spall @ NE under bearing; staining from joint leak @ NW noticable under 3 beams.	1	8
C40. Wingwalls: Diagonal crack w efflor @ SW; graffiti; widespread hollow sounding masonry blocks.	1	7
N60. Substructure Summary: **Ivy overgrowing NE substructure** **Summary Rating:** **6**		
C1. Pavement: Wider transverse and longitudinal cracks esp @ W; widespread minor potholes forming @ interface of bridge deck, causing leakage @ NW.	2	6
C4. Embankment: Overgrown; poison ivy.	1	8
C5. Guardrail: Only at the NE.	1	8
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): 0		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): 1		

Bridge Inspection Report | *Routine Inspection*

SFN: 3160602

Erie Avenue Bridge over Wasson Way

Date Inspected: 06/15/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 A

Signature: _____

Bridge No.: CITY (BP) #21

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): 1

C6. Approaches Summary: **Summary Rating: 6**

C57. Utilities: 1 7

Utilities On Structure: N Y N Y N Y N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **6 A**

Inspection Notes: Wasson Way 4 work starting below (2021).

General Notes: Formerly over NS RR now over Wasson Way Trail

Recommended Maintenance:		Assigned to:
1.	Fill gap between deck and approach pavement w asphalt.	TROD
2.	Patch curb @ NE @ exp joints.	TROD
3.	Design measures to protect masonry abutments from weeping water thru conc. abut weep holes.	Owner
4.	Remove vegetation (some poison ivy) from railing @ N & from between curb & sidewalk.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3160998

Erie Avenue Bridge over Red Bank Road **Date Inspected:** 06/17/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY (BP) #22

Route: ERIE **Unit:** 0300 **Bridge Type** 322 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1943 / 1980

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Cracks w rust staining & delams esp in approach spans; spalls, & rust stains @ 45 deg @ bridge ends often w exp. rebar; widespread spalling of haunches; wet spots after rain.	2	6
C7.2. Edge of Floor:	Few cracks throughout; cracks w efflor. @ ends.	1	7
C8. Wearing Surface:	LMC overlayed (2002); diag. mostly HL cracks @ corners; minor trans. HL cracks; several long. HL cracks @ both ends of the bridge; some cracks sealed w asphalt sealer.	1	7
C9. Curbs/Sidewalks:	Trans. cracks in the sidewalk, often correlating to conc parapet jnts.; popouts exist; silane applied (1995); curb patches 2017; disentegrating @ NW.	1	7
C11. Railing:	Minor vert. cracking; some efflor @ bot; intial ASR @ some joints; popouts; minor scrapes/dings (N end).	1	7

N36. National Safety Feature - Bridge Railing (0, 1 or N): 1

C12. Drainage:	Street inlets off ends of bridge; minor ponding @ curbs.	1	7
C13. Expansion Joints:	Integral abutments without expansion joints; compression seal w some area's torn & sections pulled out @ E.		

N58. Deck Summary: **Summary Rating: 6**

C14. Alignment of Members:	Minor sagging of beams in center span, esp 2 outside beams.	1	7
C15.1. Beams/Girders:	Spot rust; widespread minor pitting; isolated minor LOS at the flanges with active corr. under the deck cracks; some corr. at the abutment/ concrete interface where the beams are cast into the abutment; the N fascia beam top flange is bent at the 2nd diaphragm from the W (construction issue); beams in center span sagging slightly.	1	7
C16. Diaphragms/X-Frames:	Spot rust, widespread minor pitting; some bent; some cast into abut; cracked weld @ some damaged X-frames @ abut.; end x-frames may not be needed since beams ends are integral in back wall.	2	6
C26. Bearing Devices:	Painted (1988); minor surface corr; rockers reset (2002); dirt & debris; some nuts missing.	1	7

C30. Protective Coating System (PCS): **System:** **Year:** 1981 **PCS Rating:** 4

(1981) Widespread failure to top coat w isol. spot rust; minor surface corr; white granular mat'l deposited throughout; corr. @ TF; dust covered throughout; widespread workmanship issues: tears, fins & drops; unfortunate choice of paint color matches corrosion.

N59. Superstructure Summary: **Redundant; not fatigue prone.** **Summary Rating: 7**

Bridge Inspection Report | *Routine Inspection*

SFN: 3160998

Erie Avenue Bridge over Red Bank Road **Date Inspected:** 06/17/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY (BP) #22

C33. Abutment Walls:	Stubs; integral; few HL cracks w minor efflor.	1	8
C37. Pier Caps:	Isol. minor cracks on the W pier; HL flexure cracks at the SW underside of the cap w exp rebar; several areas patched; patches cracking; minor HL cracks in the patches and some debris on the pier seats; horiz. cracking under some bearings.	1	7
C38. Pier Columns:	Patched area's; some w cracks & unsound.	1	7
C39. Backwalls:	Some efflor @ NE; moisture below back wall.	1	7
C40. Wingwalls:		1	8
C43. Slope Protection:	Conc. slope protection (full height - both sides) w minor cracks & some debris.	1	8

N60. Substructure Summary: **Summary Rating: 7**

C1. Pavement:	Asphalt overlayed (2002) new 2019 @ E; large long. and trans cracks (W); few trans cracks @ E.	1	7
C2. Approach Slabs:	LMC overlayed (2002); few HL cracks.	1	8
C3. Relief Joints:	Through curbs; bulging potholes forming @ W; new 2019 @ E.	2	6
C4. Embankment:	Overgrown.	1	8
C5. Guardrail:	Widespread wood posts and block rotting; loose end terminal @ SW corner; impact damage at the NW guardrail; post blocks rotated (typ); many posts not embedded, esp rectangular posts near bridge.	4	2

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): 0

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): 1

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): 1

C6. Approaches Summary: **Summary Rating: 2**

C57. Utilities:	Utility sag significantly under the bridge (enough that pedestrians can touch it) (probably fallen from empty utility hanger above the wire)	2	5

Utilities On Structure: N N N N N N N

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 A**

Inspection Notes: 2020 element level inspection on file.

Bridge Inspection Report | *Routine Inspection*

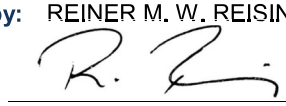
SFN: 3160998

Erie Avenue Bridge over Red Bank Road

Date Inspected: 06/17/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: 

Bridge No.: CITY (BP) #22

	Recommended Maintenance:	Assigned to:
1.	Replace GR posts & blockouts.	CSR
2.	Chip loose concrete over roadway.	TROD
3.	Grind and repave relief joint @ W.	TROD
4.	Resecure utility.	Owner
5.	Consider sealing decks w HWMW.	Contract
6.	Seal exp. jnts. w hot applied asphalt.	TROD
7.	Repair curb @ NW.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3160939

Erie Avenue Bridge over SORTA — **Date Inspected:** 06/17/2021

Inspected by: REINER M. W. REISING, P.E. — **Summary Rating / Operational Status** 7 A

Signature: _____ — **Bridge No.:** CITY (BP) #23

Route: ERIE **Unit:** 0290 **Bridge Type** 322 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1943 / 1980

Load Rating Percent 150

Inspection Information

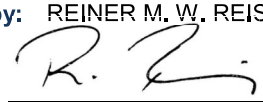
		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Diag. cracks with efflor. & rust stains at corners; widespread trans. HL cracks; numerous delams, efflor & rust staining; widespread spalling of haunches.	2	6
C7.2. Edge of Floor:	Rust staining; rebar corrosion (shallow cover) at the S fascia; exp. rebar {wire?} almost over entire length.	2	6
C8. Wearing Surface:	LMC overlayed (2002); several diagonal cracks at corners; some hairline longitudinal and transverse cracks.	1	7
C9. Curbs/Sidewalks:	Silane applied (1995); trans. cracks; popouts; curb spalled, some w exp. rebar; sev. spalling/curb det @ all bridge ends; large delam at the SW; curb undermined @ N over track(10' long) w deep spall & rust staining.	2	6
C11. Railing:	Minor hairline cracking; widespread Alkali Silica damage @ bottom of conc panel joints, esp @ N railing, severe with deep spall @ NW {1 location}; minor scratch marks and dents on the tubes; excessive buckholes @ SE.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	Street inlets off bridge.	1	7
N58. Deck Summary:	**Summary Rating:**		**6**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Spot rust, esp under deck cracks; widespread minor pitting; beams integral with the abutments; active laminating corr. with initial LOS in the top flange causing haunch spalls; beams seperating from deck {non composite}; slight misalignment of some BF cover plates @ piers.	1	7
C16. Diaphragms/X-Frames:	LOS due to torch cutting at the West; some bent at the abutments with cracks in the welds; spot rust & minor corrosion; beams modified to be integral; A-typical staggering of some diaphrams.	1	7
C26. Bearing Devices:	Rockers reset (2002); painted (1988); minor corr; some anchor plt. nuts not completely fastened; semi-integral @ abutments (bearings not exposed); expansion bearings show surface corr.	1	7
C30. Protective Coating System (PCS):	**System:** **Year:** 1981 **PCS Rating:** 3		
	Widespread freckled rust, chalking, & loss of top coat; dark staining over tracks; laminating corr @ TF's; unfortunately, paint color matches rust.		
C32. Fatigue Prone Details:		1	7
N59. Superstructure Summary:	**Summary Rating:**		**7**

Bridge Inspection Report | *Routine Inspection*

SFN: 3160939

Erie Avenue Bridge over SORTA **Date Inspected:** 06/17/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature:  **Bridge No.:** CITY (BP) #23

C33. Abutment Walls:	Stub, integral: minor HL cracking w isol efflor.	1	8
C37. Pier Caps:	Minor cracks; several patched spalls.	1	8
C38. Pier Columns:	Minor cracks; patches from previous repair; some patches cracked & delaminated; graffiti.	1	7
C39. Backwalls:	Widespread vertical cracks originating from bearings; isol efflor around bearing & interface to deck w rust stains @ W.	2	6
C40. Wingwalls:		1	8
C43. Slope Protection:	4' high, unprotected dirt & gravel terrace placed @ E of main span.	1	7

N60. Substructure Summary: **Summary Rating: 7**

C1. Pavement:	Asphalt overlayed (2002). long. and trans. cracks {turning aligator} with potholes forming, some patched; E worst, W in better condition.	2	6
C2. Approach Slabs:	LMC (2002);HL long. cracks.	1	8
C3. Relief Joints:		1	8
C4. Embankment:	Overgrown	1	8
C5. Guardrail:	Minor impact damage at the SW and SE approaches; widespread wood posts det. w up to 100% LOS are rotting; panels fading; rusting; broken block out at the SW; rotated under the blocks.	3	3

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): 0

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): 1

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): 1

C6. Approaches Summary: **Summary Rating: 3**

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 A**

Inspection Notes: Iniciated CSR for guardrail following the 2019 inspection.
2020 element level inspection on file.

Recommended Maintenance:	**Assigned to:**
1. Consider sealing deck.	Contract
2. Repair curb @ N.(4 locations).	TROD
3. Remove vegetation from substructures & vines from slope protection.	TROD
4. Apply hot applied sealer @ exp. joints.	TROD
5. Seal trans deck cracks in wearing surface over tracks w hot applied sealer.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3161412

Este Avenue Extension Culvert at Ridgewood Arsenal **Date Inspected:** 04/20/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY (BP) #24

Route: ESTE **Unit:** 3643 **Bridge Type** 695 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1990 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C44. Culvert - General:	5 small holes {3 white, possible corr.} & 2 punctures @ E.	1	8
C45. Culvert - Alignment:		1	9
C46. Culvert - Shape:	1 visible depression in bottom segments of the culvert (18 ribs long); isol. Hollow sounding at walls near both ends, fairly widespread at bottom; very minor distortion @ 2 bottom long. Seams throughout the culvert.	1	7
C47. Culvert - Seams:	Some minor leakage at bolts near DS end and rust stains below these leaks; 2020 leaking @ bolts near DS headwall after rain; no leaking in 2021.	1	8
C48. Culvert - Head/End Walls:		1	8
C49. Culvert - Scour:	Former scour @ US headwall repaired w hydraulic cement.	1	8
Culvert Scour Inspection Type:	1		
N60. Culvert Summary:	**Summary Rating:**		**7**
C51. Channel Alignment:		1	9
C52. Channel Protection:	Dump rock US.	1	8
C53. Hydraulic Opening:	Concrete slab in channel DS; vegetation growing US & DS.	1	8
N62. Channel Summary:	**Summary Rating:**		**8**
C1. Pavement:	Single crack in center (chevron) lane, otherwise new overlay.	1	8
C4. Embankment:	Overgrown.	1	8
C5. Guardrail:	Slight dent @ N from impact.	1	8
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	N		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	1		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	0		
C6. Approaches Summary:	**Summary Rating:**		**8**

Bridge Inspection Report | *Routine Inspection*

SFN: 3161412

Este Avenue Extension Culvert at Ridgewood Arsenal

Date Inspected: 04/20/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: _____

Bridge No.: CITY (BP) #24

65. Vertical Clearance:

Vert. Clearance Rating: N

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 7 A

General Notes: 2016- TROD grouted under bottom of culvert US end to prevent water from seeping underneath culvert. Sounding revealed areas that appear undermined (see culvert general).

Recommended Maintenance:		Assigned to:
1.	Clear vegetation from channel US & DS to increase hydraulic opening.	Stormwater
2.	Consider injection at bottom of culvert where hollow sounding if undermining continues.	Contract
3.	Remove vegetation from top of headwalls.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3165337

Freedom Way Center Between Race & Rosa Parks **Date Inspected:** 11/05/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: _____ **Bridge No.:** CITY (BP) #25

Route: FRDOM **Unit:** 0000 **Bridge Type** 112 / NNN **Date Built / Date Rehabbed:** 2009 /

Load Rating Percent 150 **(Main/Approach Spans)**

Inspection Information	Rating 1 to 4	Rating 9 to 0
C7.1. Floor: See item 15; flexure HL cracking in the slab center; wide trans. cracks in the conc. utility trough (E-W trough) in the S portions of the center span; isol. areas of HL map cracking.	1	8
C7.2. Edge of Floor: Deep spalls chipped by TROD 2017 & 2019 @ N & S fascias (very widespread), w exp rebar @ S, (almost entire S fascia).	3	4
C8. Wearing Surface: Extensive trans. & long. cracking ; widespread spalling @ curbs; many patched fiber nests, some new popouts developing; sev scaling in N parking lane; area near curbs control rating.	2	6
C9. Curbs/Sidewalks: 2 transverse full width cracks in the S walk & 1 @ N; minor curb edge spalls (typical); widespread fiber nests and surface scaling in walks.	1	7
C11. Railing: Flagpole base strapped to second railng post from W.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N): 1		
C12. Drainage: All inlets open; {drain pipes sound clogged}	1	8
C13. Expansion Joints: Debris filled (typical); corr. in the headers; W joint down spout connection apparently broken; N most long. joint just W of Race w joint material sagging over 25' w joint leaking, similar sag further to E but without leaking; gland no longer adhering to conc edge @ sidewalk level; vertical offset of N long. joint @ E end. Rating reflects condition for only for E and W joints.	1	8
N58. Deck Summary: **Summary Rating:** **8**		
C14. Alignment of Members:	1	8
C15.2. Slab: Widespread HL flexure cracks typically at midspan (transverse to the bridge); isol areas of HL mapcracking.	1	8
N59. Superstructure Summary: **Summary Rating:** **8**		
C37. Pier Caps: Widespread HL flexure cracks in the pier caps (w efflorescence @ S pier 32), esp. in N bays.	1	8
C38. Pier Columns: Very minor deficiencies (scrapes, stains).	1	8
N60. Substructure Summary: **Summary Rating:** **8**		
C1. Pavement: E only, pavers & conc @ Rosa Parks.	1	8
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N		

Bridge Inspection Report | *Routine Inspection*

SFN: 3165337

Freedom Way Center Between Race & Rosa Parks

Date Inspected: 11/05/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature:

Bridge No.: CITY (BP) #25

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **Summary Rating: 8**

C55. Warning Signs: 1

C57. Utilities: Fire Hydrant supply running through pier cap (minor leakage around pipe). 1 7

Utilities On Structure: Y N N N N N Y

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **8 A**

Inspection Notes: 2020 Element level data available.

Recommended Maintenance:	Assigned to:
1. Discuss wearing surface repair.	Contract
2. Repair N joint leakage.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3165396

Freedom Way East over Parking Garage Between Walnut & Main **Date Inspected:** 11/09/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: _____ **Bridge No.:** CITY (BP) #26

Route: FRDOM **Unit:** 0000 **Bridge Type** 112 / NNN **Date Built / Date Rehabbed:** 2009 /

Load Rating Percent 150 **(Main/Approach Spans)**

Inspection Information	Rating 1 to 4	Rating 9 to 0
C7.1. Floor: See slab/pier caps; hairline transverse cracks in the concrete utility duct; 2 through plates bolted @ SE (hotel), covered in fireproof foam.	1	8
C7.2. Edge of Floor: (Outside of ROW) large delams spalls & cracks in fascias at long jnts esp between columns 14 & 15; delams & spalls in fascias.	2	6
C8. Wearing Surface: Widespread long. and trans. cracks up to 1/16" (reflective of rebar); pavers @ E replaced with colored concrete in 2018; shifting of W crosswalk pavers opening gaps up to 3/4" wide; settlement of pavers @ W 7/8" vertically; large areas of wearing surface covered w turf as part of DORA (2021).	2	6
C9. Curbs/Sidewalks: Cracking at the SW curb ramp; isol. minor cracking and curb edge spalls; areas of extensive soiling/grease on sidewalks & curbs from restaurant.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N): N		
C12. Drainage: 10 inlets, many partially clogged; mostly clogged some completely; curb inlets hold grease from restaurant runoff causing clogs.	3	4
C13. Expansion Joints: Excessive leakage over the entire length at the E (jnt was new in 2016, appears watertight); trough not connected to the Freedom Way side at the SE expansion joint up to 10 ft long; new joint gland @ W (2018); S long. private joint has leaking seam @ SW (Jefferson).	2	5
N58. Deck Summary: **ROW is 70' wide, which includes half the sidewalk width.** **Summary Rating:** **8**		
C14. Alignment of Members:	1	8
C15.2. Slab: Isolated hairline cracks at the center of the spans.	1	8
N59. Superstructure Summary: **Summary Rating:** **8**		
C37. Pier Caps: HL flexure cracks mostly in the N bay w some wider cracks.	1	8
C38. Pier Columns: HL vertical cracking on several columns.	1	8
N60. Substructure Summary: **Summary Rating:** **8**		
C1. Pavement: W only: Wide transverse and longitudinal cracks (turning into map cracking) in the two concrete panels; pavers shifting, slight settlement; small asphalt patch in paver area.	2	6
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N		
C6. Approaches Summary: **Summary Rating:** **6**		

Bridge Inspection Report | *Routine Inspection*

SFN: 3165396

Freedom Way East over Parking Garage Between Walnut & Main **Date Inspected:** 11/09/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: _____ **Bridge No.:** CITY (BP) #26

C57. Utilities:	Several overdrilled holes in the slab; gas main crossing under S long. jnt. apparently modified/damaged (staining @ ceiling). No apparent allowance for joint expansion at some of the utility crossings; utilities @ W end supported by some hangers that are drilled through trough, resulting in leakage and corr.	2	6

Utilities On Structure: Y N N N N N Y

N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**8 A**

Inspection Notes: New 2018 fireproofing under slab of hotel @ SE; 75% of width fenced off to private parking below. 2020 element level inspection data on file; 2021 all vehicular traffic removed from bridge & DORA replaced.

Recommended Maintenance:		**Assigned to:**
1.	Replace/repair troughs @ E including Main st.	Contract
2.	Consider replacing pavers w colored conc. @ Walnut.	Contract
3.	Chip loose conc from N fascia between columns 14 & 15 (notified garage).	Owner
4.	Clean inlet grates regularly & prevent grease runoff into street.	DORA
5.	Seal long. joints in front of bldgs & repair joint armor.	DORA
6.	Clean grease from sidewalks & curbs to prevent grease from entering bridge drains.	DORA
7.	Repair utility connection @ W end where hangers compromise fixed trough.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3165280

Freedom Way West over Parking Garage Between Elm & Race **Date Inspected:** 10/06/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: _____ **Bridge No.:** CITY (BP) #27

Route: FRDOM **Unit:** 0000 **Bridge Type** 112 / NNN **Date Built / Date Rehabbed:** 2009 /

Load Rating Percent 150 **(Main/Approach Spans)**

Inspection Information	Rating 1 to 4	Rating 9 to 0
C7.1. Floor: See item 15, slab; round metal plate surrounded by stalactites in floor @ 2nd pier from E @ N curb; several overdrilled holes near W jnt gland w buildup of efflor.	1	8
C7.2. Edge of Floor: Small spalls @ bottom of wall where the structural slab meets the sidewalk; HL cracking visible during rain.	1	7
C8. Wearing Surface: Extensive longitudinal and transverse cracks (some with efflor), some attributed to low bar cover, (typically less than 0.03); map cracking; spalls, fibernests; handsize spall in wearing surface @ SW.	1	7
C9. Curbs/Sidewalks: Widespread cracks, small spalls & popouts from fibers.	1	7
C11. Railing: Isol surface corr.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):		
C12. Drainage: Ponding at the W exp jnt. PEJF is coming out at the SW inlet; lots of water making its way into E trough (under sidewalk cover plate?); all inlets open.	2	6
C13. Expansion Joints: Debris filled; former drainage through pavers eliminated with concrete, now no more water in troughs and associated issues; corr. of joint armor.	1	8
N58. Deck Summary: **Summary Rating:** **8**		
C14. Alignment of Members:	1	8
C15.2. Slab: Minor discoloration; shallow rebar cover; isol HL cracks in the slab. HL flexure cracking in the N bays.	1	8
N59. Superstructure Summary: **Summary Rating:** **8**		
C37. Pier Caps: Trans. HL cracking esp. in N bay; small patched area in S bay.	1	8
C38. Pier Columns: Isolated minor issues; slight impact damage (small spalls) @ N columns around garage entrance; HL cracking of columns.	1	8
N60. Substructure Summary: **Summary Rating:** **8**		

Bridge Inspection Report | *Routine Inspection*

SFN: 3165280

Freedom Way West over Parking Garage Between Elm & Race

Date Inspected: 10/06/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: R. Reising

Bridge No.: CITY (BP) #27

C56. Sign Supports:	Pedestrian sign secured to railing (clamps & 1/8" +/- metal rope) by parking garage.	3	4
C57. Utilities:	New 2017? open wires added to existing metal conduit; PVC conduits @ E exp jnts & @ center box seperated (they appear to be empty w no wires); parking conduit & boom added to NE fascia (2021?)	1	7

Utilities On Structure: Y N N N N N Y

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: **8 A**

Inspection Notes: Pedestrian stairway sign mounted to outside of S railing w wire ties.
Element data available for 2020 inspection.
Conc. barrier blocks on both sidewalks @ E side of bridge (2021).

Recommended Maintenance:	**Assigned to:**
1. Discuss sealing of wearing surface.	Contract

Bridge Inspection Report | *Routine Inspection*

SFN: 3161277

Gest Street Bridge over CIND Railroad **Date Inspected:** 08/02/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY (BP) #28

Route: GEST **Unit:** 0196 **Bridge Type** 111 / NNN **Date Built / Date Rehabbed:** 1919 / 1999

Load Rating Percent 150 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	See item 15.	1	7
C7.2. Edge of Floor:	Regularly spaced +/- 6" HL trans cracks; few wider cracks, some w minor efflor.	1	7
C8. Wearing Surface:	Longitudinal cracks; reflective of beams; few small spalls; map cracking w delams @ SE, SW, & NW of bridge +/- 1' wide w delaminated or crushed conc; wider sealed long. crack in center of bridge {full length, sealed}.	1	7
C9. Curbs/Sidewalks:	Wider cracks @ walk @ corners; few vertical cracks in curbs.	1	7
C11. Railing:	Vines growing; spalling @ joints between conc. panels; cracking w minor efflor. at bottom of concrete parapet; corroding bottom of posts of steel railing.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	0		
C12. Drainage:	Off bridge.	1	8
C13. Expansion Joints:	Integral, small compression seals; bulged @ NE; 3 areas ripped or missing @ N; survey nail @ NW in gland.		
N58. Deck Summary:		**Summary Rating:**	**7**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Evenly spaced flexure HL cracks +/- 6" at most beams, most pronounced @ fascia's; slight efflor under centerline; apparent leakage thru center w moist cracks between beams 4&5.(not observed in 2021)	1	7
C26. Bearing Devices:	Elasto.; not visible.	1	8
N59. Superstructure Summary:		**Summary Rating:**	**7**
C33. Abutment Walls:	Full height crack @ S w unsound conc. detected by sounding; graffiti; map cracking w efflor & flashcoat peeling @ SW corner.	1	7
C34. Abutment Caps:	Center crack w some efflor. @ N.	1	8
C40. Wingwalls:	Cracking and spalling @ SE; 2 full length horiz. cracks; spall @ interface of abutment w exposed rebar; overgrown w poison ivy.	2	6
N60. Substructure Summary:		**Summary Rating:**	**7**
C1. Pavement:	Wide map cracking; the construction joint is tearing; potholes forming @ ends of approach slabs; condition is worst @ N.	2	6
C2. Approach Slabs:	HL long cracks.	1	7
C3. Relief Joints:	Bulging; cracking & intial pothole forming: S side much better.	2	6

Bridge Inspection Report | *Routine Inspection*

SFN: 3161277

Gest Street Bridge over CIND Railroad

Date Inspected: 08/02/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: R. Reising

Bridge No.: CITY (BP) #28

C4. Embankment: Concrete blocks @ NW offset; overgrown. 1 7

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **Summary Rating:** **6**

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 A**

Inspection Notes: Area below bridge tends to flood with water & mud. Significant truck traffic observed on bridge in 2021.
2020 element level inspection available.

Recommended Maintenance:		Assigned to:
1.	Plan overlay repairs/replacement (@ min) near joints.	TROD
2.	Seal curb bottom w hot applied asphalt.	TROD
3.	Fill exp joints w hot applied asphalt.	TROD
4.	Seal deck {long. cracks @ minimum}.	TROD
5.	Grind & fill pressure relief joint @ N.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3161749

Gest Street Bridge over Mill Creek **Date Inspected:** 04/07/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: R. Reising **Bridge No.:** CITY (BP) #29

Route: GEST **Unit:** 0050 **Bridge Type** 231 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1997 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Very little staining (see latest underwater inspection report).	1	8
C7.2. Edge of Floor:	Cracking on fascias, see beams; some cracking w efflor under railing.	1	7
C8. Wearing Surface:	Membrane: Hairline map cracking (trans & diagonal) near the bridge limits; scraping near centerline; isol. small bare spots where mambrane is deteriorated.	1	7
C9. Curbs/Sidewalks:	Curbs and walk integral: Many transverse HL cracks, often continuing into curb and bottom of railings (esp. @ N railing); closely spaced cracking @ bridge ends, no efflor.	1	7
C11. Railing:	Many HL vertical cracks some efflor.; scaling with exposed aggregate @ top of railing (areas of former grinding?); widespread staining on S railing (from former trees?).	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	0		
C12. Drainage:	Off the bridge.	1	7
N58. Deck Summary:	**Lots of debris in bike lanes in 2021 (should be swept during next routine sweeping).**	**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	HL cracking on fascia beams: diagonal racks at beam ends; hor. disturbance (originating from cold joints during beam casting?) mostly paralell to bottom of beam, mostly 5" higher. (This hor. disturbance can be found over a length of 15% on the S fascia and over 40% on the N fascia).	1	8
N59. Superstructure Summary:		**Summary Rating:**	**8**
C33. Abutment Walls:	Masonry walls are not abutment walls, hence no rating, see channel Protection.		
C34. Abutment Caps:	Concrete cap on piling.	1	8
C42. Scour:	See underwater report (for masonry wall), bridge is on piles.	1	8
Scour Inspection Type			
N60. Substructure Summary:	**See latest Underwater Inspection 5-3-2017**	**Summary Rating:**	**8**
C51. Channel Alignment:		1	8
C52. Channel Protection:	Widespread deterioration of masonry blocks and mortar, especially around the normal water level. Up to 18" deep at W and >12" deep at East. (See latest underwater inspection report, actual stone depth unknown).	2	6
C53. Hydraulic Opening:		1	9
N62. Channel Summary:		**Summary Rating:**	**6**

Bridge Inspection Report | *Routine Inspection*

SFN: 3161749

Gest Street Bridge over Mill Creek

Date Inspected: 04/07/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: R. Reising

Bridge No.: CITY (BP) #29

C1. Pavement:	Moderate transverse cracks at the West end. Transverse cracks up to 2" wide at the East end. Asphalt breaking up at W approach slab. Pothole along the approach slab at the East; 4' x 3' patch at the East; map cracking, rutting near manhole lid at the East.	2	6
C2. Approach Slabs:	Medium longitudinal crack in the middle of the West approach slab.	1	8
C3. Relief Joints:	Bulging & potholes forming @ E; no bulging but potholed @ W. Traffic bounce is borderline subtle.	2	5
C4. Embankment:	Overgrown; fenced off; signed "contaminated area" by health department.	1	8
C5. Guardrail:	Timber posts are aging. Guardrail on the approach sides only (NE and SW), no thrie beam terminals.	2	6

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): 0

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): 0

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): 1

C6. Approaches Summary: **Summary Rating:** **5**

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **8 A**

Inspection Notes: UW inspection by STANTEC 5-3-2017.

Recommended Maintenance:	**Assigned to:**
1. Grind and pave relief joints on both ends of the bridge.	TROD
2. Patch E compression seal w hot applied asphalt.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3161358

Gest Street Ramp East of Linn Street **Date Inspected:** 05/28/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature: _____ **Bridge No.:** CITY (BP) #30

Route: GEST **Unit:** 0133 **Bridge Type** 322 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1963 / 1992

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Minor trans. cracks - some w efflor; few spalls w exposed rebar; no leakage through deck.	1	7
C7.2. Edge of Floor:	Widespread trans cracking w. efflor under railing joints & elsewhere ; isol spalling; worst under street light bump-out.	2	6
C8. Wearing Surface:	MMC overlay (1992); very few HL cracks; asphalt spills @ W; widespread small delams detected, though no leaking through deck.	1	7
C11. Railing:	GM Barrier w vert. & horiz. cracks & efflor; var. scrapes; spalls on fascia overhang w exp. reinf. @ lightpole bump-out; stalacites over E pier.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	2 scuppers w d/s & horiz. run; plants growing out of scuppers (no ponding due to slope); inlets completely clogged.	4	2
C13. Expansion Joints:	Strip seal replaced (1992); joint has corr. throughout; 1 area w slight leaking @ SE.	1	7
N58. Deck Summary:	**See Element Level Inspection Report.** **Summary Rating:**		**7**
C14. Alignment of Members:	Slight wavieness of BFs at sev locations.	1	7
C15.1. Beams/Girders:	Widespread corr; large areas w failed paint and pitting.	1	7
C16. Diaphragms/X-Frames:	Widespread paint failing; initial corr.	1	7
C18. Floor Beams:	LOS @ bottom flange and web on W side of FB as a result of leaking joint at Linn (LOS of flange ~ 10%); LOS appears to have stabilized (ODOT joint replacement); no leakage detected in 2021.	2	6
C26. Bearing Devices:	Rehabbed (1992); covered w debris & corr. @ abut.; some bronze plates apparently bent; S bearing @ abutment possibly frozen.	1	7
C30. Protective Coating System (PCS):	**System:** OZEU **Year:** 1992 **PCS Rating:** 0		
	Widespread flaking of top coat on webs and frackled rusting on bot of BF; more than 50% failed; chalking and fading throughout.		
C32. Fatigue Prone Details:	Cover plates & splices over piers.	1	8
N59. Superstructure Summary:	**Redundant, fatigue prone. See Element Level Report. See 2019 FC report.** **Summary Rating:**		**6**
C33. Abutment Walls:	HL cracks; painted over graffiti.	1	8
C38. Pier Columns:	Minor spalls @ column tops; sound patch @ W column top N.	1	8
C39. Backwalls:	Few vert cracks; staining @ SE.	1	7
C40. Wingwalls:	Minor cracks some w efflor (possible ASR), mostly at joints; popouts; horiz. HL cracks @ abutment (both sides).	1	8

Bridge Inspection Report | *Routine Inspection*

SFN: 3161358

Gest Street Ramp East of Linn Street

Date Inspected: 05/28/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 A

Signature: _____

Bridge No.: CITY (BP) #30

N60. Substructure Summary:		**Summary Rating:**	**7**
C1. Pavement:	Widespread cracks; map cracking; areas of slight settlement.	2	6
C2. Approach Slabs:	Replaced (1992); few short hairline cracks; two small spalls at expansion joint corners; seal @ backwall sticking up @ S; widespread micro cracking.	1	8
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	N		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	N		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	N		
C6. Approaches Summary:		**Summary Rating:**	**6**
C56. Sign Supports:		1	7
65. Vertical Clearance:		**Vert. Clearance Rating:**	N
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**6 A**

Inspection Notes: Hold off on major maintenance for now since bridge may be removed during I-75 widening.
See 2020 Element Level Report
Camp in front of abutment in 2021.

Bridge Inspection Report | *Routine Inspection*

SFN: 3161366

Gest Street Ramp West of Linn Street **Date Inspected:** 05/28/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature: _____ **Bridge No.:** CITY (BP) #31

Route: GEST **Unit:** 0129 **Bridge Type** 322 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1963 / 1992

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Trans HL cracks (some with efflor); isol. minor spalls in haunches at TF; few other spalls with exp rebar.	1	7
C7.2. Edge of Floor:	Isol HL cracks some with efflor and adjacent dampness, 1 area w rust staining @ S; spalling at street light bump-out.	2	6
C8. Wearing Surface:	MMC (1992). Few wider trans cracks; minor scaling pop-outs; efflor @ jnts w parapet; 3 delam areas @ N.	1	7
C11. Railing:	Cracks (mostly vertical) with efflorescence; scrape marks at the top of the ramp.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C12. Drainage:	2 scupper with downspouts & horizontal run. Leaking from ODOT trough @ E causing corr. to FB.	1	8
C13. Expansion Joints:	Strip seals (1992). Filled with dirt and debris. Slight vertical offset at the sidewalk cover plates (Linn street ODOT joint not part of this rating); slight spalling around armor @ W.	1	8
N58. Deck Summary:	**Summary Rating:**		**7**
C14. Alignment of Members:	Slight wavieness of BF at several locations.	1	7
C15.1. Beams/Girders:	Widespread corrosion; large areas w failed paint system and varying degrees of corrosion.(worst @ TF of S fascia beam @ lightpole w laminating corr.) 2 dents in the web of the center beam in the center span.	1	7
C16. Diaphragms/X-Frames:	Bent at the abutment; widespread paint flaking & initial corrosion.	1	7
C18. Floor Beams:	LOS to the BF (up to 1/4" deep x 1/4 flange width) and the web; worst condition over a 10" long area @ NE bearing.	2	6
C26. Bearing Devices:	Reset & rehabbed (1992); covered with debris & rusting at the abutment; center and N bearing at W most pier offset of the bearing plate by +/- 3/4" (original construction issue?)	1	7
C30. Protective Coating System (PCS):	**System:** **Year:** **PCS Rating:** 0 OZEU 1992; widespread paint failure (> 50%). White granular material deposits, flaking and chalking throughout.		
C32. Fatigue Prone Details:	Cover plates & splices over the piers.	1	8
N59. Superstructure Summary:	**Summary Rating:**		**6**
C33. Abutment Walls:	Horiz. cracks at the N and S ends. Patched area (under center bearing); corner spalls & open jnt between WW & abutment.	1	7
C38. Pier Columns:	Minor pop-outs at top of columns; honeycombing.	1	8
C39. Backwalls:	HL vert cracks, some with efflor.; isol. spalling @ top.	1	8

Bridge Inspection Report | *Routine Inspection*

SFN: 3161366

Gest Street Ramp West of Linn Street **Date Inspected:** 05/28/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature: _____ **Bridge No.:** CITY (BP) #31

C40. Wingwalls:	Vertical cracks, some with efflorescence, usually at joints. Joint material missing at 1 location on the SW; 1 spall @ N w exp rebar.	1	7
N60. Substructure Summary:		**Summary Rating:**	**7**
C1. Pavement:	Widespread longitudinal & transverse cracks in the asphalt.	2	6
C2. Approach Slabs:	Only at the West end. New (1992). Very minor hairline cracking; corner spall @ NE; grass growing @ interface w GM barrier.	1	8
C5. Guardrail:	GM barrier continuing down the ramp.		
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	N		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	N		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	N		
C6. Approaches Summary:		**Summary Rating:**	**6**
C56. Sign Supports:	S support bracket bent (sign removed 2021).	1	7
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**6 A**

Inspection Notes: Hold off on major maintenance for now since bridge may be removed with I-75 widening.
See 2020 Element Level Report; See latest FC report.
S sign support bent, (sign was moved).

Recommended Maintenance:	**Assigned to:**
1. Repair leaking trough @ E.	ODOT

Bridge Inspection Report | *Routine Inspection*

SFN: 3100774

Gilbert Ave Ped Overpass S. of Court Street **Date Inspected:** 10/14/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY (BP) #32

Route: 00022 **Unit:** 0111 **Bridge Type** 321 / NNN **Date Built / Date Rehabbed:** 1970 /

Load Rating Percent 000 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Conc. deter., efflor., rust staining & stalactites under joints; trans. cracks w/ some efflor.; 9 spalls w/ exp. rebar. in main span under cracks in wearing surface; rating reflects typical condition, bridge ends are worse.	2	6
C7.2. Edge of Floor:	Mostly concealed; staining on conc. portion.	1	7
C9. Curbs/Sidewalks:	Membrane added 2020; minor ponding @ 3 locations; former cracks covered.	1	8
C11. Railing:	Untightened anchor bolt @ bottom of W steps; widespread corrosion on stair railing members; widespread paint flaking or missing on bridge handrail; some insert panels (black) slightly loose or bent; esp end panels; handrail cap @ top of W steps missing.	2	6
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C12. Drainage:	2 inlets; W inlet may not properly drain?	1	8
C13. Expansion Joints:	Open joint by design; coverplate @ E removed, corroding & slight vert offset @ W.	2	6

N58. Deck Summary: **Steps not considered for raiting.** **Summary Rating:** **6**

C14. Alignment of Members:	Slight vert. offset @ E (see expansion joint).	1	8
C15.1. Beams/Girders:	Paint flaking; corr w/ pitting @ beam ends under exp. joints, esp. @ E; active corrosion along BF edges, esp @ one location at SE; webs appear slightly deformed @ 3 out of 4 beam ends.	1	7
C16. Diaphragms/X-Frames:	Insignificant corrosion.	1	8
C26. Bearing Devices:	Corroding.	1	7

C30. Protective Coating System (PCS): **System:** **Year:** **PCS Rating:** 5

Corroding @ beam ends under expansion jt, widespread corr along bottom flanges full length; many areas of paint patches; paint breaking, cracking, & corr. @ weld.

N59. Superstructure Summary: **Summary Rating:** **7**

C37. Pier Caps:	Minor staining; minor HL flex. Cracking & small spalling under one pier cap & W steps; small rust stains from embedded objects.	1	8
C38. Pier Columns:	Few minor stains.	1	8

N60. Substructure Summary: **Efflor., staining, cracking & slight offsets (some bolts missing caulk deteriorating) in cladding in bell tower piers (not considered for rating).** **Summary Rating:** **8**

Bridge Inspection Report | *Routine Inspection*

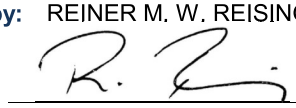
SFN: 3100774

Gilbert Ave Ped Overpass S. of Court Street

Date Inspected: 10/14/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: 

Bridge No.: CITY (BP) #32

C57. Utilities: Corroding elec. conduit, clamps & hanger; continuation of conduit under ODOT steps completely corroded through, aparently bypassed with wires from traffic pole; many hangers either not working or substituted by wires. 3 4

Utilities On Structure: Y N N N N N N

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 A**

Inspection Notes: Efflor @ corners of bell tower @ W; water dripping through junction box @ electric conduit under NE corner of Freedom Way; up coming ODOT project on struct & steps to the E will impact this struct as well, this bridge may be part of the ODOT project due to VC concerns with ODOT's bridge.

General Notes: The inspection limits for this bridge include the W steps, but end at the east expansion joint. Steps at East are inspected by ODOT as part of SFN 3106632 (per letter from ODOT 2/9/2011); condition of steps not reflected in the rating of this report. New interior doors installed inside east portion of tunnel (2018); one floor drain appears open.

Recommended Maintenance:	Assigned to:
1. Chip loose concrete from below steps.	TROD
2. Add evozote to joints.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3160003

Grand Ave over Lick Run

Date Inspected: 09/07/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: R. Reising

Bridge No.: CITY (BP) #33

Route: **Unit:** **Bridge Type** / **Date Built / Date Rehabbed:** /

Load Rating Percent **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	See item beams.	1	9
C7.2. Edge of Floor:	Coated w gray sealer/paint.	1	9
C8. Wearing Surface:	1 long. crack developing near W curb.	1	9
C9. Curbs/Sidewalks:	Many pop outs or visible locations of fastener attachments (patched 2021); vert. HL cracks in curb; cracking through walk @ backwall.	1	8
C11. Railing:	Raised areas of metal railing (fins/tears?); concrete portion on bridge sealed/painted, unsealed w cracking in approaches. Decorative railing balls touched up with different sheen color.	1	9
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C12. Drainage:	Off the bridge.	1	9
C13. Expansion Joints:	Filled with debris.	1	9
N58. Deck Summary:	**Summary Rating:**		**9**
C14. Alignment of Members:		1	9
C15.1. Beams/Girders:	Composite box beams.	1	9
C26. Bearing Devices:	Mostly concealed.	1	9
N59. Superstructure Summary:	**Summary Rating:**		**9**
C33. Abutment Walls:	Stub abutments: full height vert. HL cracks, up to 0.033" wide, sev. very small HL cracks; wall portion w anti graffiti coating, abut. seat not coated.	1	8
C39. Backwalls:	Only visibel from top: Trans. cracks on top; cracking w build up of efflor. in utility bays.	1	7
C40. Wingwalls:		1	9
C42. Scour:	Bridge on deep foundations.	1	9
Scour Inspection Type			
N60. Substructure Summary:	**Summary Rating:**		**8**
C51. Channel Alignment:	Per design.	1	9
C52. Channel Protection	Man-made, rocks, filter fabric and plants.	1	9

Bridge Inspection Report | *Routine Inspection*

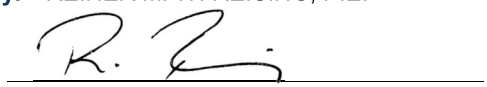
SFN: 3160003

Grand Ave over Lick Run

Date Inspected: 09/07/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: 

Bridge No.: CITY (BP) #33

C53. Hydraulic Opening:	As designed.	1	9
N62. Channel Summary:	**Buildup of algea, mudd, etc under bridges starting to cover grates (not observerd on any other Lick Run bridges). Channel protection DS not completed in 2021**	**Summary Rating:**	**9**
C1. Pavement:	New 2020; single dent @ SE.	1	9
C2. Approach Slabs:	Actual approach slabs w very minor long. cracking.	1	7
C3. Relief Joints:	Pressure relief jnt. slightly cracked.	1	8
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	N		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	N		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	N		
C6. Approaches Summary:		**Summary Rating:**	**7**
C57. Utilities:	2 duct banks with PVC pipes supported by stainless steel hangers; light fixture below bridge.	1	9
		Utilities On Structure:	
65. Vertical Clearance:		**Vert. Clearance Rating:**	N
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**8 A**

Inspection Notes: Bridge bounces under light const. equipment; slight ponding @ SW.

Recommended Maintenance:	**Assigned to:**
1. Coat railing fineal balls @ SW w same paint as all other railing posts.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3169920

Hutton Avenue Pedestrian Bridge over SORTA **Date Inspected:** 05/20/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 5 A

Signature: _____ **Bridge No.:** CITY (BP) #34

Route: **Unit:** **Bridge Type** / **Date Built / Date Rehabbed:** /

Load Rating Percent **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Gunite repairs (1987); several spalls, 2 larger areas (1 near N steps 4'x3') w exp.rebar corroding (LOS); cracks w minor efflor; delams.; rust stains in 4 bays; apparent water seeping through deck; stalactites on beams between floor beams 4 & 5 & halfway 3 to 4; 2 drain holes added in floor in late 2019.	2	5
C9. Curbs/Sidewalks:	Membrane applied in 2019; foot imprints visible.	1	8
C11. Railing:	Cracks & spalls - mainly on stairs; stains, moss; coating peeling; graffiti; isol.exp. rebar at steps; several small holes (from embeded wood) 6" deep at bottoms of posts; 4 drilled holes in railing in center pylon @ W {fascia}; conc. delaminations of pylon 2 tops.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Deck opening w pipe extension @ S; 2 new (2019) drain holes @ N; slight ponding @ bottom steps to Eastern & @ N end of bridge.	1	7
C13. Expansion Joints:	New evozote 2019: collecting debris.	1	8
N58. Deck Summary:	**Summary Rating:**		**5**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	(Steel beams concrete encased not visible - part. assumed rating): Minor efflor. of conc. encasement; gunite repaired (1987); minor cracks {typical horiz crack @ BF elevation} & delam.; NE spall w exp. steel corr. over knee bracing; isol. stalactites; unsound areas of conc encasement @ BF fascia's.	2	6
C18. Floor Beams:	Efflor. & wide cracking of conc. encasement; gunite repaired (1987); 6 FB w significant cracks or spalls on encasement (assumed rating d/t encasement); rust staining on 2 FB's; 1 FB #6 from S w spalled conc exposing portions of steel beam w pack rust & LOS.	2	5
N59. Superstructure Summary:	**Not redundant; not fatigue prone; main span including substructure is concrete encased steel, approaches are reinforced concrete.**	**Summary Rating:**	**5**
C38. Pier Columns:	Columns gunite repaired (1987); mainly vert. cracks some isol rust stains; (N approach piers are concrete without steel encasement, but not considered for this rating since the spans are less than 10'; some approach columns have vertical cracks in the corners (esp. SW column).	2	5
N60. Substructure Summary:	**Summary Rating:**		**5**

Bridge Inspection Report | *Routine Inspection*

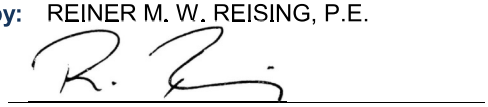
SFN: 3169920

Hutton Avenue Pedestrian Bridge over SORTA

Date Inspected: 05/20/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 5 A

Signature: 

Bridge No.: CITY (BP) #34

65. Vertical Clearance:

Vert. Clearance Rating: N

N59. General Appraisal and Oper. Status: **Bridge is inventoried in SMS (formerly known as SFN 3199920).**

General Appraisal / Operational Status: **5 A**

Inspection Notes: S steps not on plans w pier columns suspected to be concrete encased steel, steps not part of rating though.

Recommended Maintenance:		Assigned to:
1.	Sweep deck & stairs.	TROD
2.	Remove vegetation from N stairs.	TROD
3.	Trim tree branches away from bridge.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3160076

Ida Street Viaduct over Wareham **Date Inspected:** 10/05/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: _____ **Bridge No.:** CITY (BP) #35

Route: IDA00 **Unit:** 3351 **Bridge Type** 153 / 172 **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1931 / 2015

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Widespread delaminations, shallow spalls. of all sizes, some w exp rebar (in approach spans); sawcut in main span S of roadway; some patches have mapcracking and efflor. 1 loc. w rust staining; measurements written on floor with sharpie in main span.	2	6
C7.2. Edge of Floor:	New 2016; very isol cracking; sealed in 2018.	1	8
C8. Wearing Surface:	New 2016; very fine hairline map cracking throughout originating from curbs (smooth ride); 2 HL long. cracks in 2nd span from S w rust staining (low rebar cover?)	1	7
C9. Curbs/Sidewalks:	New 2016; many HL trans crack in walk & vertical HL racks in curb w minor efflor	1	7
C11. Railing:	New 2016; flowerboxes added near pylons; 1 crack @ top under planter box w efflor.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	Several areas of minor ponding @ curb.	2	6
C13. Expansion Joints:	New 2016; filled w debris; bats roosting in joint openings below.	1	8
N58. Deck Summary:	**Deck summary rated differently from floor. Floor is original 1931 concrete. New structural deck was applied in 1981 and new wearing surface in 2016. The visible floor is "formwork" for the actual deck.**	**Summary Rating:**	**7**
C14. Alignment of Members:		1	8
C18. Floor Beams:	Widespread sound patches (2018).	1	8
C24. Lateral Bracing:	Patched and coated in 2018; 3 out of 4 appear to be not level (original construction).	1	8
C27. Arch:	Patched and coated 2018; W arch over roadway has 3 parrallel long. cracks @ high point (+/-10' long) on bottom, also 1 long. crack on top.	1	8
C28. Arch Columns/Hangers:	Patched and coated 2018.	1	9
N59. Superstructure Summary:	**Extensive patching work completed 2017/2018**	**Summary Rating:**	**8**
C33. Abutment Walls:	Patched and coated 2018,	1	8
C38. Pier Columns:	Patched and coated 2018.	1	9
C40. Wingwalls:	Patched and coated 2018; some "bowing" observed @ SW (construction).	1	9
C43. Slope Protection:	Dump rock in some areas, grass otherwise.	1	8
N60. Substructure Summary:	**Only a small portion of weepholes appear to be weeping.**	**Summary Rating:**	**8**

Bridge Inspection Report | *Routine Inspection*

SFN: 3160076

Ida Street Viaduct over Wareham

Date Inspected: 10/05/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: R. Reising

Bridge No.: CITY (BP) #35

C1. Pavement:	New 2016; 1 trans. & 1 long. crack @ S originating from sewer manhole.	1	8
C4. Embankment:	Seeded; rocks along wingwall.	1	8

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **Summary Rating:** **8**

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **8 A**

Recommended Maintenance:	**Assigned to:**
1. Seal interface between backwall & pavement w hot applied asphalt.	Contract
2. Fill in railing opening @ NE between abutment & church railing.	Owner
3. Paint over written measurements on the floor in the main span (punch list).	Contract
4. Sound roadway arch web arch where cracked.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3161900

Joe Nuxhall (Main Street) over Parking Garage **Date Inspected:** 11/30/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: _____ **Bridge No.:** CITY (BP) #36

Route: MAIN **Unit:** 0000 **Bridge Type** 112 / NNN **Date Built / Date Rehabbed:** 2003 /

Load Rating Percent 150 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Mostly isol. HL cracking in floor; widespread small rust staining apparently @ edges of formwork panels {formwork fasteners}.	1	8
C7.2. Edge of Floor:	Integral at E (flex cracking in N-S beam under Reds ballpark); partially concealed at W by trough; former spalling & delams apparent at SW (S of Freedom Way); widespread staining from fromer{?} leakage @ SW {2021 no leakage detected}; HL cracks in W edge beam.	1	7
C8. Wearing Surface:	Widespread map cracking throughout with sev spalling at inlets w exp rebar & @ jnt armor; isol. delaminated sounding area's; spalls along the poured joint; colored conc in crosswalks cracking near interfaces to existing conc.	2	6
C9. Curbs/Sidewalks:	Curbs painted while at N; decorative sidewalk pavers disintegrating just N of Freedom Way w five deeper holes developing in W walk.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C12. Drainage:	S abutment trough filled w water, 8 inlets mostly filled w debris; trough drain @ SE has reverse flow from main drain pipe; trough leak @ SW.	3	4
C13. Expansion Joints:	W compression seal tearing; private joints @ SW {hotel} hot sealed; cover plates shifted & bent; S joint has widespread shredding of gland in N bound lanes; approach on walk settled causing slight step; leakage @ W {private joint} under driveway {7th span from N}, widespread leakage of W private joint S of Freedom Way.	2	5
N58. Deck Summary:	**There are ground off fenceposts at the West side of the joint at the hotel, sticking out of the "walk" that could seriously hurt someone walking with bare feet (not in ROW).**	**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.2. Slab:	Isol. HL cracking; build up of efflor @ W end of slab W of third inlet from N (under vehicle detection loop); cracking more pronounced in span between C & D {7 from N}.	1	8
N59. Superstructure Summary:	**Vehicle detection loop in W sidewalk may cause water to enter into and casue damage to the slab; W edge beam{not under ROW}, w regularly spaced flex. vert. cracks.**	**Summary Rating:**	**8**
C33. Abutment Walls:	MSE walls that do not support structure.		
C37. Pier Caps:	HL cracking under several conduit openings @ NW end of bridge, w isolated efflor @ N.	1	8
C38. Pier Columns:	Some columns twisted, random HL cracking; all but 7 N most rows are sealed by anti graffiti coating?; private small columns S of bay D with saw cut around perimeter @ top.	1	8
N60. Substructure Summary:		**Summary Rating:**	**8**

Bridge Inspection Report | *Routine Inspection*

SFN: 3161900

Joe Nuxhall (Main Street) over Parking Garage

Date Inspected: 11/30/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: _____

Bridge No.: CITY (BP) #36

C1. Pavement: S only {concrete}: Localized narrow map cracking in 3' strip S of joint, much better to the S; staining & few small patches. 1 7

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **Settlement @ S due to wall settlement (older issue).** **Summary Rating:** **7**

C57. Utilities: Crowded with several utilities protruding the expansion joint trough and causing non-intended high points in troughs; S trough drain has litte or no fall to main drain. 2 6

Utilities On Structure: Y N N N N N N

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **8 A**

Inspection Notes: Main drain line inspected in 2018; 2020 element level data available; SW most planter grate broken {delivery trucks}.

Recommended Maintenance:		Assigned to:
1.	Cut down fence post stumps W of bridge on Private (Hotel) property need to be removed!	Hotel/Banks
2.	Square off and repair broken wearing surface around inlets	TROD
3.	Clean inlets.	Contract
4.	Change flow direction of trough drain @ SE.	Contract
5.	Remove loose conc. from edge of floor over parking spot 130.	Hotel

Bridge Inspection Report | *Routine Inspection*

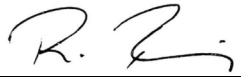
SFN: 3160004

Kebler Ave over Lick Run

Date Inspected: 09/08/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: 

Bridge No.: CITY (BP) #37

Route: **Unit:** **Bridge Type** / **Date Built / Date Rehabbed:** /

Load Rating Percent **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	See item beams.	1	9
C7.2. Edge of Floor:	Vert. HL cracking @ E; sealed w paint.	1	8
C8. Wearing Surface:	2 long. Cracks.	1	8
C9. Curbs/Sidewalks:	Vert. HL cracks in curbs; scrapes, stains, & abrasion spalls on sidewalk from conc. barriers; HL cracking developering in sidewalks.	1	8
C11. Railing:	Conc portion sealed; metal w uneven paint (fins/tears); widespread paint repaired w different sheen levels.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C12. Drainage:	Off bridge.		
C13. Expansion Joints:	Filled w debris.	1	9
N58. Deck Summary:	**Summary Rating:**		**9**
C14. Alignment of Members:		1	9
C15.1. Beams/Girders:	Slight isol. honey combing.	1	9
C26. Bearing Devices:	Mostly concealed.	1	9
N59. Superstructure Summary:	**Summary Rating:**		**9**
C33. Abutment Walls:	Reg. spaced vert. cracks +/- 5 per abutment; crack w buildup of efflor @ SE pilaster footer; sealed w anti graffiti coating (but not abutment seat).	1	8
C39. Backwalls:	Trans. HL cracks @ top.	1	8
C40. Wingwalls:	Anti-graffiti coat.	1	9
C42. Scour:		1	9
Scour Inspection Type			
N60. Substructure Summary:	**Summary Rating:**		**8**
C51. Channel Alignment:	Artificial channel, lay out by design.	1	9
C52. Channel Protection:	Man-made, rocks, filter fabric and plants.	1	9

Bridge Inspection Report | *Routine Inspection*

SFN: 3160004

Kebler Ave over Lick Run

Date Inspected: 09/08/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: R. Reising

Bridge No.: CITY (BP) #37

C53. Hydraulic Opening:	1	9
N62. Channel Summary:	**Summary Rating:**	**9**
C1. Pavement: New 2020; cracking @ N edge of backwall; 1 trans crack (75% width) @ N.	1	8
C3. Relief Joints:	1	9
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N		
C6. Approaches Summary:	**Summary Rating:**	**8**
65. Vertical Clearance:	**Vert. Clearance Rating:**	N
N59. General Appraisal and Oper. Status:	**General Appraisal / Operational Status:**	**8 A**

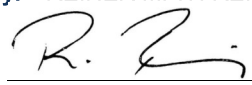
Recommended Maintenance:	**Assigned to:**
1. Replace cracked curb @ NE.	Contract
2. Investigate/replace hollow sounding curb @ SW just off bridge.	Contract
3. Touch up paint w uniform sheen.	Contract
4. Seal interface between backwall & approach pavement @ N w hot applied asphalt.	Contract

Bridge Inspection Report | *Routine Inspection*

SFN: 3162958

Kennedy Connector Bridge over Duck Creek **Date Inspected:** 04/16/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: 

Bridge No.: CITY (BP) #38

Route: KENDY **Unit:** **Bridge Type** 155 / **Date Built / Date Rehabbed:** 2013 /

Load Rating Percent 150 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C8. Wearing Surface:	Concrete; minor popouts.	1	8
C9. Curbs/Sidewalks:	Isol. cracks & small spalls from aggregate cracks in colored concrete portion; few popouts in walks; 2 spalls in walk @ SE (crushing at pavement joint?).	1	8
C11. Railing:	Regularly spaced vert. HL cracks w slight efflor., esp @ W (shrinkage cracks due to missing panel joints); several full height cracks @ SW; coating starting to peel @ railing cracks.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	Off the bridge; preformed joints between colored conc. & regular walk appear to allow water to enter.	1	8
N58. Deck Summary:	**Per ODOT, the deck summary of filled arches should be coded "N"**	**Summary Rating:**	
C14. Alignment of Members:	Slight offset of adjacent arches; uneven jnt. width {construction}	1	8
C27. Arch:	+/- 4 sq ft. patches in the North span (3rd & 7th segments from the W); 2 spalls in the 2nd segment from the E & 1 patch in 1st from W of the S span; HL trans. Flexure cracks in the floor appear widespread and closely spaced (less than 1') but very narrow (<.004"), these cracks appear to be concentrated @ mid span of arches & are only visible from close range; leakage between adjacent segments near the pier in the S span; efflor built up @ tie holes over pier; graffiti	1	8
C29. Arch Spandrel Walls:	Crack on the E side; considerable drainage/seepage through the E and W drain pipes at the pier, spall in the SW wall; widespread indentations of rebar spacers esp @ E.	1	8
N59. Superstructure Summary:		**Summary Rating:**	**8**
C36. Pier Walls:	Horiz. crack with efflor. on the S side; horiz. offset of pier (const. issue) between the utility and the bridge; vetical cracks @ N; graffiti; staining from leakage.	1	8
C42. Scour:	Conc channel bed.	1	9
Scour Inspection Type	1		
C43. Slope Protection:	Few cracks on sloped section.	1	8
N60. Substructure Summary:	**Widespread leakage @ pier; E drain pipe has steady dripping 1 day after rain, W drain dry.**	**Summary Rating:**	**8**
C51. Channel Alignment:		1	9
C52. Channel Protection:	Cracks, in sloped areas, some w efflor.	1	8
C53. Hydraulic Opening:	Very minor build up of soil @ pier in S span.	1	8
N62. Channel Summary:		**Summary Rating:**	**8**

Bridge Inspection Report | *Routine Inspection*

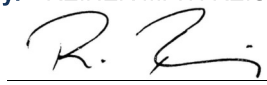
SFN: 3162958

Kennedy Connector Bridge over Duck Creek

Date Inspected: 04/16/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: 

Bridge No.: CITY (BP) #38

C1. Pavement:		1	8
C4. Embankment:	Well vegetated.	1	8
C5. Guardrail:	On Duck Creek Rd side only.		
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	1		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	1		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	1		
C6. Approaches Summary:		**Summary Rating:**	**8**
65. Vertical Clearance:		**Vert. Clearance Rating:**	N
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**8 A**

Inspection Notes: Missing light pole @ SW (only baseplate remaining) reported to traffic after 2021 inspection.

General Notes: Watermain shares pier, but is not considered as part of this report.

Recommended Maintenance:	**Assigned to:**
1. Remove vegetation from joint between walks and railing, then caulk joints.	TROD
2. Caulk preformed joints between colored conc. & regular s/w conc.	TROD
3. Fill lift hole outside of railing fascia @ SE.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3163008

Kennedy Connector Bridge over SORTA/IORY **Date Inspected:** 09/24/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: _____ **Bridge No.:** CITY (BP) #39

Route: KENDY **Unit:** 0002 **Bridge Type** 195 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 2013 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C44. Culvert - General:	Isol HL map cracking on sev segments; 2 loc. w minor leakage @ top of arch, 1 w moderate leakage (segment 11 from E) & after rain segment 11 from W; graffiti.	1	8
C45. Culvert - Alignment:	Slight stepping between adjacent segments @ the top of the arch (by design); 9th segment from W has opposite step; there is a wider gap between 1st & 2nd segment from both ends @ tops only; slight transverse shift @ center joint (not in a straight line); segment 11 from E has larger step/offset.	1	8
C47. Culvert - Seams:	See culvert General; leakage at one location in particular (between segments 10, 11, 22, & 23 from E).	1	8
C48. Culvert - Head/End Walls:	Some scrapes on isol. panels @ the SW; slight variations in some joint spacings; graffiti.	1	8
N60. Culvert Summary:	**Adjacent wingwalls: 1 panel broken @ SW, few minor scrapes and grafiti.**	**Summary Rating:**	**8**
C1. Pavement:	Concrete w grooves but not cut, hence irregular groove pattern; mostly long. cracks in left N bound lane; 1 crack in S bound lanes.	1	8
C4. Embankment:	Well vegetated.	1	8
C5. Guardrail:	New guardrail (but wood blocks were used) extending way beyond bridge limits.	1	8
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	N		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	N		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	N		
C6. Approaches Summary:		**Summary Rating:**	**8**
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**8 A**

Inspection Notes: Micro canyon (+/- 2" wide) opening in ground below bridge 2' S of N footer almost full length; erosion channels inside culvert @ NW; 2020 inspection after extreme rain showed leaking @ segment 11 from W, that was not previously observed. 2020 Element Level data on file.

Bridge Inspection Report | *Routine Inspection*

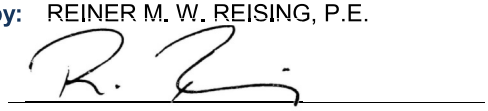
SFN: 3163008

Kennedy Connector Bridge over SORTA/IORY

Date Inspected: 09/24/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: 

Bridge No.: CITY (BP) #39

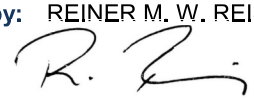
Recommended Maintenance:	Assigned to:
1. Monitor micro canyon & segment 11 for possible change.	Owner
2. Consider survey of footers.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3160130

Kenton Street Bridge over Florence **Date Inspected:** 04/05/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 7 A

Signature: 

Bridge No.: CITY (BP) #40

QA/QC Inspector: BRANDON M. LECRONE, P.E.

Signature: 

Route: KENTN **Unit:** 3361 **Bridge Type** 322 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1998 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Widespread trans. cracks w efflor. In the positivie moment regions of each span.	1	7
C7.2. Edge of Floor:	Widespread transverse cracking w efflor. at fascia.	1	7
C8. Wearing Surface:	Trans. cracks; wider over piers; map cracking in E half of the bridge esp. in spans 2 &3; no delam detected.	1	7
C9. Curbs/Sidewalks:	Many wide trans. cracks with efflor.; HL map cracking, popouts, and scaling; isol edge spalling along the top of the curb.	1	7
C11. Railing:	Trans. cracking along the top; cracks w efflor. are propagating from the openings; the grout is spalling over the PEJF E railing pilasters; isol. edge spalling along the posts; 3rd panel from NE cold joint w 1 wide crack; isol. areas of builtup of efflor.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	Street inlets off bridge.	1	9
C13. Expansion Joints:	Lots of debris in the joints; HL long. cracks in the concrete header w small shallow spalling.	1	8
N58. Deck Summary:		**Summary Rating:**	**7**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	The N beam top flange at the E end is <1" away from backwall; rust on the TF of beams @ few deck cracks (these are the only areas with corr.)	1	8
C16. Diaphragms/X-Frames:		1	8
C26. Bearing Devices:	Many anchor bolts stick out high @ the piers; excess threads painted but nuts not tighten to flanges; some anchor bolts leaning; 2 bearings at the E pier (beams 2 &3 from North) are not in total bearing with the pier seat, attributed to uneven pier seat (beam 3: SW corner not in contact, beam 2: southmost +/-40% not in contact); bearings @ W in slight hot weather mode.	2	6

C30. Protective Coating System (PCS): **System:** IZEU **Year:** 1999 **PCS Rating:** 8

IZEU (1999) - Interior coat shows through the top coat (small spots - workmanship issue); active corr. along the top flange at the widest deck cracks; bolted connection at the SW abutment is only brushed paint.

Bridge Inspection Report | *Routine Inspection*

SFN: 3160130

Kenton Street Bridge over Florence **Date Inspected:** 04/05/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY (BP) #40

QA/QC Inspector: BRANDON M. LECRONE, P.E.

Signature: _____

C32. Fatigue Prone Details:	Full weld connection @ 2 locations (points of inflection); category D	1	8
N59. Superstructure Summary:		**Summary Rating:**	**8**
C33. Abutment Walls:	Minor cracks and spalling in the stone; masonry is part of old abutment, new conc. abutments are on drilled shafts hence masonry condition is not considered for the rating; minor HL vert. cracks in the concrete.	1	8
C37. Pier Caps:	Many vertical cracks some with minor efflor.; bugholes.	1	7
C38. Pier Columns:	HL map cracking and vertical cracks.; bugholes; single small spot of efflor on S face of each column of the center pier.	1	7
C39. Backwalls:	Trans cracks on the top; shrinkage cracks and minor vertical cracks with efflor. (0.013").	1	7
C40. Wingwalls:	Isol. stone deter w spalling, cracking and mortar deter; crack and efflor at the top on the NW wingwall.	1	7
C43. Slope Protection:	Dump rock with some stone deterioration (weathering); extreme amount of trash including used toilet paper.	1	8
N60. Substructure Summary:		**Summary Rating:**	**7**
C1. Pavement:	few cracks; shallow pothole @ SW intersection of streets.	1	7
C4. Embankment:	Overgrown @ N; trash accumalating; cleared and seeded @ SE.	1	8
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	N		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	N		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	N		
C6. Approaches Summary:		**Summary Rating:**	**7**
65. Vertical Clearance:	Bridge taller than 25'.	**Vert. Clearance Rating:**	N
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**7 A**

Inspection Notes: Camps on both abutment platforms; widespread feces on W abutment wall & slope protections. Slight vibration noticible under traffic.

Bridge Inspection Report | *Routine Inspection*

SFN: 3160130

Kenton Street Bridge over Florence

Date Inspected: 04/05/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY (BP) #40

QA/QC Inspector: BRANDON M. LECRONE, P.E.

Signature: _____

Recommended Maintenance:	**Assigned to:**
1. Trim trees @ N side to prevent scraping against the bridge.	TROD
2. Seal deck with HMWM.	TROD
3. Seal walks and railings with Silane sealer.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3161838

Lincoln Avenue Bridge over Open Land

Date Inspected: 06/25/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: _____

Bridge No.: CITY (BP) #41

Route: LINCN **Unit:** 3701 **Bridge Type** 322 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1953 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Few small spalls along the haunches; rust staining along the centerline const jnt; widespread HL mapcracking (some w minor efflor) & patched areas; spalls at the utility connections with exposed rebar; several trans. cracks w exp. bars around patched & isol rust staining areas under N walk; delaminations around cracks elsewhere.	2	6
C7.2. Edge of Floor:	Isol. cracking, some fascia spalls, some w exp. rebar; isol. rust staining, esp @ N.	1	7
C8. Wearing Surface:	Short piece of rusted rebar visible @ center of bridge; mapcracking developing around center joint w few small delmas, few short isol. HL cracks elsewhere.	1	8
C9. Curbs/Sidewalks:	Map cracking & delaminating @ 6 locations, N walk & N curb top layer delamination (over-finished concrete).	1	7
C11. Railing:	Some bolts missing/lifted; cracking through conc. horiz members; spalling @ some conc. pedestals, some w exp rebar.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C12. Drainage:	2 drains @ E side, partially clogged.	1	7
C13. Expansion Joints:	New 2020 seal @ E (this is the side that takes all the expansion); filled w debris @ W; corr. of joint armor esp @ W; NE sidewalk coverplate corroding w adjacent conc spalls.	1	8

N58. Deck Summary: **Summary Rating: 6**

C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Cover plates almost over the entire beam length; very few haunch spalls @ TF corroding.	1	8
C16. Diaphragms/X-Frames:		1	8
C26. Bearing Devices:	Bolts missing at various rocker bearings (E Abutment (4); surface corr on the rockers @ E abutment from previous joint leak; fixed bearing @ W abutment w surface rust; up to sev corr on E abut bearings others much better.	2	6

C30. Protective Coating System (PCS): **System:** **Year:** 2007 **PCS Rating:** 8

Painted 2007; very isol minor rusting @ fascia's.

C32. Fatigue Prone Details:	Many cover plates, all visible welds intact. (2nd span from W, 2nd beam from N has a small "cut" in the cover plate end, but the surrounding weld is intact; full penetration splice welds.	1	8

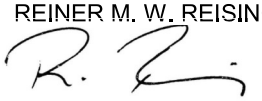
N59. Superstructure Summary: **Summary Rating: 8**

Bridge Inspection Report | *Routine Inspection*

SFN: 3161838

Lincoln Avenue Bridge over Open Land **Date Inspected:** 06/25/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature:  **Bridge No.:** CITY (BP) #41

C33. Abutment Walls:	Vert cracking; single rust stain @ E; horiz. HL cracks.	1	7
C37. Pier Caps:	HL vert cracks under some bearings	1	8
C38. Pier Columns:	Small spall @ bottom of E pier w exp rebar; larger spall adjacent to delam @ bottom of 2nd pier from E.	1	8
C39. Backwalls:	Minor spalling at the W backwall near the utilities and at the S end; full length patch from joint/approach slab reconstruction.	1	7
C40. Wingwalls:	Partially assumed rating.	1	7

N60. Substructure Summary: **Summary Rating: 7**

C1. Pavement:	Asphalt pavement @ E; concrete @ W.	1	8
C2. Approach Slabs:	Very minor HL cracks.	1	8
C3. Relief Joints:	@ W only.	1	8
C4. Embankment:	Overgrown	1	8

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **Summary Rating: 8**

C57. Utilities:	Corrosion at the ends & utility hangers.	2	6

Utilities On Structure: N N N Y N N N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** 7 A

Inspection Notes: Access gate on underside had city lock replaced in 2017; gates below found open during 2018 inspection; locks properly daisychained during the 2021 inspection; element level data available for 2020 inspection.

General Notes: Shared access with Frisches prooves to be difficult since the locks are usually not found in properly daisychained… access during emergency is questionable.

Recommended Maintenance:	**Assigned to:**
1. Trim trees along bridge @ S fascia.	TROD
2. Discuss sealing center wearing surface joint with BL.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3161936

Madison Road Pedestrian Bridge East of IORY

Date Inspected: 11/01/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: R. Reising

Bridge No.: City (BP) #42

Route: MADSN **Unit:** 0357 **Bridge Type** 322 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1959 / 2020

Load Rating Percent 000

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Several trans HL cracks w efflor in negative moment region.	1	7
C7.2. Edge of Floor:	Drip edges installed.	1	9
C9. Curbs/Sidewalks:	Few trans. HL cracks detected near pier; 1 shorter long. crack 2' from W edge.		
C11. Railing:	Handrail on both sides and decorative arch at E. Handrail anchor bolts cut on walk side & either zinc coated or painted; slight waviness; arch posts shimmed; 1 bolt not fully tight.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Over the side with drip edges.	1	9
C13. Expansion Joints:	Evazote with WABO cover plates.	1	9
N58. Deck Summary:	**Summary Rating:**		**7**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Rolled beams with splice in N span.	1	9
C16. Diaphragms/X-Frames:	C section; Pigeons starting to roost.	1	9
C26. Bearing Devices:	Elastomeric bearings.	1	9
C30. Protective Coating System (PCS):	**System:** IZEU **Year:** 2021 **PCS Rating:** 8 5-20-2021; very isolated issues mostly @ arch.		
N59. Superstructure Summary:	**Summary Rating:**		**9**
C33. Abutment Walls:	Patched and sealed 2020, tops rebuilt in 2020. All sound, but former patches detectable through sealant.	1	8
C36. Pier Walls:	Patched and sealed 2020, top rebuild in 2020. All sound, but former patches detectable through sealant.	1	8
C39. Backwalls:	New 2020.	1	9
N60. Substructure Summary:	**Summary Rating:**		**8**

Bridge Inspection Report | *Routine Inspection*

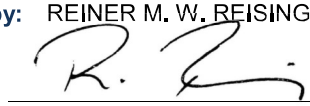
SFN: 3161936

Madison Road Pedestrian Bridge East of IORY

Date Inspected: 11/01/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: 

Bridge No.: City (BP) #42

65. Vertical Clearance: 14'-5" in both directions (measured).

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: **8 A**

General Notes: Access to S structural steps is provided through MH @ S end of bridge.

Recommended Maintenance:	Assigned to:
1. Coat/paint corroding arch bolts.	Punchlist
2. Remove nails from formwork @ NE end of bridge.	Punchlist

Bridge Inspection Report | *Routine Inspection*

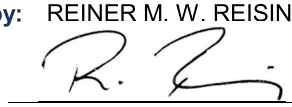
SFN: 3161889

Madison Road Pedestrian Bridge West of IORY

Date Inspected: 07/13/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: 

Bridge No.: CITY (BP) #43

Route: MADSN **Unit:** 0355 **Bridge Type** 321 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1959 / 1982

Load Rating Percent 000

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	1 transverse crack w efflor in 2nd span from S; HL trans crack S of N pier; bearing material between beams and precast slab irregularly squeezing out.	1	8
C9. Curbs/Sidewalks:	Sealed with membrane (2020); appears all cracks are sealed.		
C11. Railing:	Newly painted (2020); waviness in handrails; some railing exp jnts appear tight; isol bolts not completely fastened.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Over the side.	1	9
C13. Expansion Joints:	New comp. seals (2020); isolated very minor vertical offset.	1	8
N58. Deck Summary:	**New 2020 membrane appears to have sealed all but one deck cracks**	**Summary Rating:**	**8**
C14. Alignment of Members:	E beam, S span not plumb @ N pier (top flange moved westward by +/- web thickness); slight sagging in 2nd span from S; former impact locations in 2nd span from S (W beam) were heat straigthend in 2020.	1	7
C15.1. Beams/Girders:	See alignmet; newly painted 2020; areas w previous LOS were strengthened w welded plates.	1	7
C16. Diaphragms/X-Frames:	Repainted 2020.	1	8
C24. Lateral Bracing:	Repainted 2020.	1	8
C26. Bearing Devices:	New elastomeric bearings (2020); several anchor bolts bent.	1	8
C30. Protective Coating System (PCS):	**System:** OZEU **Year:** 2020	**PCS Rating:**	9
	2020; areas of different sheen (from touch-up?).		
N59. Superstructure Summary:	**Non redundant; not fatigue prone.**	**Summary Rating:**	**7**
C33. Abutment Walls:	Patched & coated 2020; sometimes rough surface @ patches.	1	8
C36. Pier Walls:	Patched & coated 2020 including new pier caps; some rougher patches; all sound.	1	8
C39. Backwalls:	Newly coated 2020; some rougher looking joints.	1	8
N60. Substructure Summary:		**Summary Rating:**	**8**

Bridge Inspection Report | *Routine Inspection*

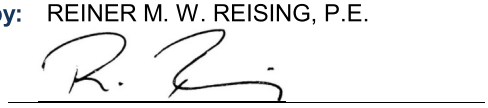
SFN: 3161889

Madison Road Pedestrian Bridge West of IORY

Date Inspected: 07/13/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: 

Bridge No.: CITY (BP) #43

65. Vertical Clearance:

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 7 A

General Notes: Adjacent RR bridge controls vertical clearance restriction.

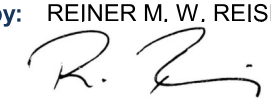
	Recommended Maintenance:	Assigned to:
1.	Remove blast materail from flanges & approaches(rust staining).	Contract
2.	Remove tap con screws from NW wingwall.	Contract
3.	Seal deck panel joint in 2nd span from S @ E.	Contract
4.	Remove old bearing plate from sidewalk.	Contract
5.	Tighten railing bolts near N pier.	Contract

Bridge Inspection Report | *Routine Inspection*

SFN: 3106462

Main Street Cable Stayed Pedestrian Bridge over FWW - East Side **Date Inspected:** 10/11/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature:  **Bridge No.:** CITY (BP) #44

Route: 71 **Unit:** 101 **Bridge Type** 3A4 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 2000 /

Load Rating Percent 000

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Minor HL trans. cracks w very minor efflor; honeycombing @ S; thin delams flaking @ N abut, crushing against vehicular bridge; honeycombing @ S; full length patch @ E fascia over const. jnt.	1	7
C7.2. Edge of Floor:	HL vertical cracks w slight efflor.; wires sticking out of the concrete {W} fascia S pier; material {caulk}, squeezing out between deck & beam @ NW.	1	7
C9. Curbs/Sidewalks:	Sealed in 2015; many full width wider trans. cracks (spaced less than 5'); diag. cracks @ corners.	1	7
C11. Railing:	Horiz. crack @ E fascia {const jnt?}; vert. cracks w efflor; cracks in back of parapet @ anchors for stainless steel grating coinciding w light locs; loose anchor bolt @ grating support N of pier.	1	8

N36. National Safety Feature - Bridge Railing (0, 1 or N): N

N58. Deck Summary: **Summary Rating:** **7**

C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Many distinct areas of corrosion @ BF (from former attachments/transport?); widespread staining on BF.	1	7
C16. Diaphragms/X-Frames:	Minor rusting @ N abut; end diaphram @ S apparently cracked between splices, wiped off dirt indicates close up inspection.	1	8
C18. Floor Beams:	Minor rust - esp @ cantilever kinks, esp #2 from S w added corroding plate; widespread staining on BF.	1	8
C24. Lateral Bracing:	Not real bracing; loose bolts on galvanized T's; isolated initial corr.	1	8
C26. Bearing Devices:	Intitial corr. over pier.	1	7

C30. Protective Coating System (PCS): **System:** IZEU **Year:** 2000 **PCS Rating:** 6

Rusting BF esp @ several distinct locations {3 areas w laminating corr}, possible erection damage locations; slight corr. on lower bracing {esp ends} and fasteners; also @ SE beam splice @ filler plate & cantilever pins; paint failing on cables.

N59. Superstructure Summary: **Summary Rating:** **7**

C33. Abutment Walls:	Concealed, assumed rating.	1	8
C37. Pier Caps:	Only under tower: Cracks w sig. efflor.; patches @ corners @ bottom of steel tower.	1	8
C38. Pier Columns:	Minor HL cracking esp @ E face.	1	8

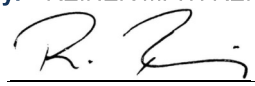
N60. Substructure Summary: **Summary Rating:** **8**

Bridge Inspection Report | *Routine Inspection*

SFN: 3106462

Main Street Cable Stayed Pedestrian Bridge over FWW - East Side **Date Inspected:** 10/11/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature:  **Bridge No.:** CITY (BP) #44

C91. Deck Anchors:	Surface corrosion near floorbeam connection pins.	1	8
C92. Tower Anchors:	No issues detected.	1	9
C96. Cable Alignment:	As designed.	1	9
C97. Cable Condition:	General fading on cables.	1	8
	Summary Rating:		**8**
C57. Utilities:	Wires coming from W edge of floor dangling below S of pier. everal spot lights may not work, but there are potential plans to replace lights with LED	1	7
	Utilities On Structure: Y N N N N N N		
65. Vertical Clearance:	**Vert. Clearance Rating:**		1
N59. General Appraisal and Oper. Status:	**General Appraisal / Operational Status:**		**7 A**

Inspection Notes: Streetcar drilled bolts for the OCS into the tower. Two wires across main street were added (2015-16)
Grates: many fasteners corroding or not fully tightened, some support tabs rotated and not fully seated.

General Notes: HAM-71-0100

Recommended Maintenance:	**Assigned to:**
1. Replace all light fixtures as necessary.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3106403

Main Street Cable Stayed Pedestrian Bridge over FWW - West Side **Date Inspected:** 10/12/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: _____ **Bridge No.:** CITY (BP) #45

Route: 71 **Unit:** 99 **Bridge Type** 3A4 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 2000 /

Load Rating Percent 000

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Isol trans. cracks w minor efflor & mapcracking @ S; minor spalls @ N abut, crushing against vehicular bridge; honeycombing @ S; full length patch @ E fascia over const. jnt.	1	7
C7.2. Edge of Floor:	Vertical cracks w slight efflor.; material {caulk?} squeezing out between deck & beam.	1	7
C9. Curbs/Sidewalks:	Sealed in 2015; full width trans. Cracks (some wider, spaced @ 3'-5'); diag. cracks @ corners; 2 minor potholes @ S; broken light fixture @ N.	1	7
C11. Railing:	Cracks w efflor @ NW corner; sleeve in handrail loose @ S; cracks in back of parapet where stainless steel grating is anchored coincide w light locs.	1	8

N36. National Safety Feature - Bridge Railing (0, 1 or N): N

N58. Deck Summary: **Summary Rating: 7**

C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Widespread staining @ BF.	1	8
C16. Diaphragms/X-Frames:		1	8
C18. Floor Beams:	Slight corrosion - esp. @ kink in cantilever portion; widespread staining @ BF.	1	8
C24. Lateral Bracing:	(Decorative T's rather than actual bracing); some beam connection bolts don't appear to be fully tightened.	1	8
C26. Bearing Devices:	Corr. @ pier @ anchor plate.	1	7

C30. Protective Coating System (PCS): **System:** IZEU **Year:** 2000 **PCS Rating:** 7

Some rusting on horiz. tie-rod; rusting on decor. rods; paint missing (topcoat) on cables; isol. rusting on outriggers & lower lateral bracing.

N59. Superstructure Summary: **Some areas (esp fasteners) touched up w cold galvanized spray (silver); widespread dirt and staining on bottom horiz. Surfaces.** **Summary Rating: 8**

C33. Abutment Walls:	Concealed, assumed rating.	1	8
C37. Pier Caps:	Cracks w efflor. @ bottom of steel tower; patches @ corners below steel tower.	1	8
C38. Pier Columns:	Minor HL cracking (1 vert. @ bottom; horiz @ midheight).	1	8

N60. Substructure Summary: **Summary Rating: 8**

Bridge Inspection Report | *Routine Inspection*

SFN: 3106403

Main Street Cable Stayed Pedestrian Bridge over FWW - West Side

Date Inspected: 10/12/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: R. Reising

Bridge No.: CITY (BP) #45

C91. Deck Anchors:	Surface corrosion around the pins at floorbeam anchorage.	1	8
C92. Tower Anchors:	No issues detected.	1	9
C96. Cable Alignment:		1	9
C97. Cable Condition:	Widespread paint fading.	1	8

Summary Rating: **8**

C57. Utilities:	Fasteners corr. Several spot lights may not work, but there are potential plans to replace lights with LED. Surface corr. on conduits.	1	7

Utilities On Structure: Y N N N N N N

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **8 A**

Inspection Notes: Streetcar drilled bolts for the OCS into the tower. Two wires across main street were added (2015-16)
Some support tabs of the grating are turned, compromising connection; corr. of many fasteners , some nuts not fully tight.
New 2020 wearing surface on I-71.
Loose grating at NW secured by TROD during the 2021 inspection!

General Notes: HAM-71-0100

Recommended Maintenance:	**Assigned to:**
1. Repair/replace all lights as necessary.	TROD
2. Fill void in grassy area @ SW.	TROD
3. Repair broken curb light @ N.	Traffic

Bridge Inspection Report | *Routine Inspection*

SFN: 3162877

Marian Spencer (Former Walnut) Bridge over Parking Garage

Date Inspected: 12/01/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: R. Reising

Bridge No.: CITY (BP) #46

Route: WALNT **Unit:** 0000 **Bridge Type** 112 / 122 (Main/Approach Spans) **Date Built / Date Rehabbed:** 2003 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	See slab.	1	8
C7.2. Edge of Floor:	HL vertical cracks in E support beam; several trans cracks in E most span (E of loading dock).	1	8
C8. Wearing Surface:	Wide map cracking across the entire length; deep spalling around the inlets on the E & W with exp. rebar; sev. paver settlement & deter. @ S.	2	6
C9. Curbs/Sidewalks:	Long. multi cracks in E walk +/- 8' from E exp jnt; spalling cracking @ W curb/sidewalk interface; widespread paver damage @ E walk.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Street inlets open; trough @ S joint not drained but leaking.	1	8
C13. Expansion Joints:	New (2016) @ N; joints @ S compressed, movement/expansion predominitly @ N; S wall apparently settled causing slight offset @ S joint (5/8"); widespread leaking through E private joint, esp. @ NE & under midblock driveway.	1	7
N58. Deck Summary:		**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Loading docks only; very isol. honeycombing.	1	8
C15.2. Slab:	Isol HL cracking (typical), HL mapcracking in spans 3, 4, & 5 from N(aisles C & D); leaking w stalactites over drive @ E @ cold const. jnt.; spall w exposed rebar in aisle D; widespread minor flaking of paint in S most spans; NW loading dock diaphram (25' S of N curb) treepit? inlet cracked w efflor	1	7
N59. Superstructure Summary:	**Slab rating based on condition in spans 3 & 4 from N.**	**Summary Rating:**	**7**
C37. Pier Caps:	HL cracking under some utility conduits.	1	8
C38. Pier Columns:		1	8
N60. Substructure Summary:		**Summary Rating:**	**8**
C1. Pavement:	S only: Some map cracking (some wider) in the intersection; some paver deterioration and settlement.	2	6
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	N		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	N		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	N		
C6. Approaches Summary:		**Summary Rating:**	**6**

Bridge Inspection Report | *Routine Inspection*

SFN: 3162877

Marian Spencer (Former Walnut) Bridge over Parking Garage

Date Inspected: 12/01/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: _____

Bridge No.: CITY (BP) #46

N59. General Appraisal and Oper. Status:	General Appraisal / Operational Status: 7 A

Inspection Notes: Distinct areas of staining from moisture in E loading masonry wall where water ponds in top garage level; loading dock doors replaced by SORTA in 2021; garage drain pipes painted 2021; W door inside roll cover loose @ 1 joint; widespread leaking from open corner lot @ NE.
See 2020 Element Level report for this structure

Recommended Maintenance:	Assigned to:
1. Chip & patch wearing surface around inlets.	TROD
2. Refasten overhead door roll cover @ W.	SORTA
3. Consider S trough drain modification.	Contract

Bridge Inspection Report | *Routine Inspection*

SFN: 3101371

Mehring Way Pedestrian Overhead Bridge to Coliseum **Date Inspected:** 12/07/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature: _____ **Bridge No.:** CITY (BP) #47

Route: 27 **Unit:** 33 **Bridge Type** 363 / **Date Built / Date Rehabbed:** 1975 /

Load Rating Percent 000 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Mostly good, except few cracks w efflor. - esp. over center pier; widespread cracks, delams, patches & rust staining @ monumental steps; cracking & delam. next to railing panels; delam. conc.& exp rebar @ E exp joint; staining and apparent seepage around inlet @ S; delam. & spalls of haunches around exp jnts. (over bird netting)	2	6
C9. Curbs/Sidewalks:	Rehabbed (1993); 3M traffic membrane reapplied (2005), repaired (2011) not applied @ most stairs; isol. damaged areas esp @ joints & W end of plaza; membrane not adhearing around inlet @ S, allowing water to enter; apparent large delam's beneath membrane @ S steps & landings; excessive staining due to ponding @ main stair landing.	2	6
C11. Railing:	Precast railings installed (1993); sealed (2005); widespread vert. HL cracking, some w efflor; connection angles corroding beneath stairs; isol. minor delams; long. cracking w rust staining @ bottom of stair panels @ S & inside vert. of that panel; W most plaza panel has widespread cracking on inside face.	2	6
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	13 inlets w d/s (nearly horiz. runs), all appear open; gratings replaced (2005); rust stains on E-most horizontal run; ponding @ stair landing (uneven surface); downspout @ steps not connected.	1	7
C13. Expansion Joints:	Comp. seals @ bldg. doorways replaced (2005); WABO seismic span jts. installed (2005); rusting along bldg. side of comp. seals; apparent leaking @ some joints.	2	6
N58. Deck Summary:	**Condition of steps governs the rating.**	**Summary Rating:**	**6**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Some apparent not fully snug bolts @ S end of beams (5th & 6th in from E end); spalls w exp rebar (several bars) @ one concrete beam under steps, others w patched area's; concrete beams @ steps govern the rating.	2	6
C16. Diaphragms/X-Frames:		1	8
C17. Stringers:	See beams.	1	8
C18. Floor Beams:	See beams.	1	8
C26. Bearing Devices:		1	8
C30. Protective Coating System (PCS):	**System:** EEU **Year:** 1994 **PCS Rating:** 7 Iso. flaking/peeling esp @ connections; rusting @ pins & hanger conn.'s; catcher beam rusting @ N & S w some pack rust.		
C31. Pins/Hangers/Hinges:	2 pinned conn. @ S fascia beam; retrofitted (1994); corrosion & packrust esp. on catcher beams.	2	6
N59. Superstructure Summary:		**Summary Rating:**	**6**

Bridge Inspection Report | *Routine Inspection*

SFN: 3101371

Mehring Way Pedestrian Overhead Bridge to Coliseum

Date Inspected: 12/07/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 A

Signature: R. Reising

Bridge No.: CITY (BP) #47

C36. Pier Walls:	Supporting steps; large delam @ SE; several patched area's; several delams @ SE +/- 6' diam spall w exp rebar.	1	7
C37. Pier Caps:	Minor cracking, some minor patches.	1	8
C38. Pier Columns:	Apparent minor impact damage on several columns; S of Mehring Way columns have widespread honeycombing @ bottom resulting in delams, spalls, & exp rebar; many patched areas with patches cracking w efflor. & minor delam esp. @ SW column;vert. & ladder (closely spaced horiz. flexure cracks originating from corners) cracks in concrete of N piers (steel columns conc. encased).	1	7

N60. Substructure Summary: **Summary Rating: 7**

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **6 A**

Inspection Notes: South Monumental stairs repaired (1993).

General Notes: Formerly SFN 3199927 - Inventoried by ODOT 2/22/2005.
Bridge inspected by ODOT since Mehring Way is a State Route.

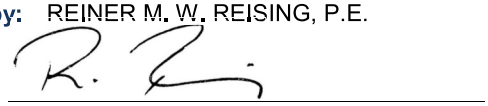
Recommended Maintenance:		**Assigned to:**
1.	Replace/tighten loose bolts @ FB connections (see item 14).	Contract
2.	Paint railing support angles @ E end.	Contract
3.	Replace support bracket and rusting bolts on step-railing.	Contract
4.	Re-attach membrane around inlet & seal.	Contract
5.	Consider repairing wearing surface on landings and reapplying membrane to bottom or railing panels on steps.	Contract
6.	Chip delaminated conc around S steps, including bottom of railing panels & area @ E joint.	TROD
7.	Consider repainting connections/fatique prone details.	Parks

Bridge Inspection Report | *Routine Inspection*

SFN: 3160440

Mitchell Avenue Bridge over Mill Creek **Date Inspected:** 08/04/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature:  **Bridge No.:** CITY (BP) #48

Route: MITCH **Unit:** 3402 **Bridge Type** 322 / NNN **Date Built / Date Rehabbed:** 1959 /

Load Rating Percent 150 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Widespread discoloration from fire; trans cracks with efflor, no new efflor after fire; spalling/delam areas; isol minor exp rebar; spalling at the long jnt; minor map cracking w efflor in isol areas.	1	7
C7.2. Edge of Floor:	Many transverse HL cracks with efflor; few spalls with exp rebar and multiple area's of minor corr.; built up efflor. @ SW & NE.	2	6
C8. Wearing Surface:	LMS (2004). Sealed w HMWM (2016): Minor trans cracks; long HL cracks in S half w unsound areas, N half in much better condition.	1	8
C9. Curbs/Sidewalks:	Minor trans cracks, minor spalls, and popouts; cracks in the S Approach & corners of sidewalks where backwall is integral to walk; 1 inch vertical offset between the approach slab sidewalk and the roadway sidewalk at the SW corner; large delam (shifted) at the NW corner near the bridge limit; widespread efflor @ S curb (horiz line)	1	7
C11. Railing:	Vert. HL cracking with efflor. and exposed rebar on both fascias; minor spalls.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C12. Drainage:	22 scuppers with downspouts; all open; minor debris at the curbs.	1	7
C13. Expansion Joints:	Minor vertical offset at the E; debris in the joints; minor spalls around the joint headers.	1	7

N58. Deck Summary: **Summary Rating: 7**

C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Cleaned and painted (2004)(2016 in E span); minor pitting at the exp jnts.	1	7
C16. Diaphragms/X-Frames:	Cleaned and painted (2004)(2016 in E span); some in E span are slightly dented or bowed (fire damage).	1	7
C26. Bearing Devices:	Minor rust on several bearings. Slight difference in direction (expansion/contraction mode).	1	7

C30. Protective Coating System (PCS): **System:** OZEU **Year:** 2004 **PCS Rating:** 8

OZEU (2004)- Cleaned and painted (2004)(2016 in E span). The fascia beams have spotting. It appears portions of the previous paint system painted over. Overspray or undercoat showing through. Missing areas and scrapes. Soot and fire damage.

C32. Fatigue Prone Details:	Cover plates.	1	8

N59. Superstructure Summary: **Summary Rating: 7**

Bridge Inspection Report | *Routine Inspection*

SFN: 3160440

Mitchell Avenue Bridge over Mill Creek **Date Inspected:** 08/04/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature: _____ **Bridge No.:** CITY (BP) #48

C33. Abutment Walls:	Minor vertical cracks; minor spalling/fire damage on the East.	1	7
C36. Pier Walls:	Large crack w spalling at the center construction joint at the E pier; cracking under the bearing at the E pier, S of construction jnt.	2	6
C39. Backwalls:	Vertical cracks with efflorescence; concrete repairs (1987). Rust stains and minor spalling/fire damage; cracks on the top side.	2	6
C40. Wingwalls:	Minor cracks with efflorescence; shrub growing out of pier wall under utility bridge.	1	7
C42. Scour:	Channel completely concrete lined.	1	9

Scour Inspection Type 1

N60. Substructure Summary: **Summary Rating: 6**

C51. Channel Alignment:		1	9
C52. Channel Protection:	Slight abrasion.	1	8
C53. Hydraulic Opening:		1	9

N62. Channel Summary: **Summary Rating: 8**

C1. Pavement:	Large transverse cracks and map cracking at both approaches; asphalt pushed up the curb at the SW; potholes @ both approach slabs.	2	5
C2. Approach Slabs:	HL to narrow (up to 1/8 inch wide maximum) long. cracks; approximately 3/4 of the prefabricated compression seal is missing at the E approach deep and wide cracking where seal is missing.	1	7
C3. Relief Joints:	@ W, widespread cracking; potholes.	2	5
C4. Embankment:	Overgrown.	1	8
C5. Guardrail:	W only; the posts and blocks are deteriorated; very minor impact damage at the NW and SW; blocks are missing at the NW and SW and treatment; no bridge end terminals.	2	6

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): 0

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): 1

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): 1

C6. Approaches Summary: **Summary Rating: 5**

C57. Utilities:	Lighting on the bridge; 1 of 4 anchor bolts not fully threaded at the N light pole bases; deteriorated stream gauge box along the S fascia; wire hanging from N bay in center span into creek; open electrical junction box @ NE (campsite).	2	6

Utilities On Structure: N N N N N N N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **6 A**

Bridge Inspection Report | *Routine Inspection*

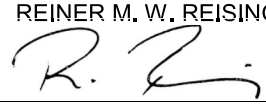
SFN: 3160440

Mitchell Avenue Bridge over Mill Creek

Date Inspected: 08/04/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 A

Signature: 

Bridge No.: CITY (BP) #48

Inspection Notes: Noticable vibration under live load.

General Notes: New fence installed @ SE in 2016; camps under bridge @ both abutments 2020.

	Recommended Maintenance:	**Assigned to:**
1.	Remove wire hanging from deck.	Traffic
2.	Sweep debris from S walk.	TROD
3.	Fill gap between backwall & approach slab w hot applied asphalt where comp seal is missing.	TROD
4.	Remove metal housing for former stream monitoring @ S walk.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3161404

Monastery Street Bridge over Open Land **Date Inspected:** 06/16/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 5 A

Signature: _____ **Bridge No.:** CITY (BP) #49

Route: MNSTY **Unit:** 3352 **Bridge Type** 112 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1984 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	HL cracking throughout; general large long. crack in center w delams & rust staining in spans 1 & 2; very isol. cracks w efflor & rust staining elsewhere; isol. cracks with efflor & rust stains are reflective of cracks in wearing surface; HL trans cracks throughout.	1	7
C7.2. Edge of Floor:	Closely spaced trans cracks, some w efflor; wider cracks/delams @ exp jnts.	1	7
C8. Wearing Surface:	HL cracks, diagonal near jnts.; multiple spilled conc cells @ S end of bridge.	1	7
C9. Curbs/Sidewalks:	HL map cracking at the steps; trans. cracks with 2' x 3" x 3" spall in the curb along the E long. joint; up to 2" of settlement in the safety curb along the W side of the approach and the approach slab; vegetation growth between the limits; water infiltration; breaking up @ SE.	1	7
C11. Railing:	Trans. cracks; efflor; minor spalls.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	Street inlets off bridge.	1	7
C13. Expansion Joints:	Filled with Sika product over strip seal at the N; compression seal ripped at the curb top at the middle of the bridge; silicone joint at the wall interface has failed at the steps; evidence of leakage at piers with joints; conc. breaking up at the S abutment & N most jnt.; 1/2" vertical offset at the N exp. joint; spall in the curb along the E long. joint; structural steel plates with laminar corr.	2	6
N58. Deck Summary:	**Summary Rating:**		**7**
C14. Alignment of Members:		1	8
C15.2. Slab:	See Item 1; diagonal cracks in Spans 4 & 5.	1	7
N59. Superstructure Summary:	**Not fatigue prone; redundant.** **Summary Rating:**		**7**
C33. Abutment Walls:	Conc. spalling, delams, stains, rust stains, efflor & seepage at the N abutment wall (especially at the S end of the wall & under pier caps & intermediate supports); 2 spalls (+/- 4sqft), exp rebar & moist rust staining; HL vertical crack at the center of the S abutment, efflor & some rust staining; hollow spot @ W corner of S abutment(3sqft); pair of stainless steel angles mounted on each side of abutment wall gap (left over from wall repair?); worst areas @ wall joints and under pier caps.	2	6
C37. Pier Caps:	See element level results; piers 3,4, & 5 show widespread det., cracking w efflor.(stalactites), spalling, delams, & rust staining, other pier caps are in better condition w isol. HL cracking.	2	5
C38. Pier Columns:	See element level results; minor fire damage @ pier 1 center column); extensive close spaced cracking, spalling w exp rebar, large delams , & build up of efflor. @ columns of pier 3 & 4.	2	5
C40. Wingwalls:	HL diag. crack @ SW w efflor.; joint @ SW opening w backfill coming out.	1	7

Bridge Inspection Report | *Routine Inspection*

SFN: 3161404

Monastery Street Bridge over Open Land **Date Inspected:** 06/16/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 5 A

Signature: _____ **Bridge No.:** CITY (BP) #49

C43. Slope Protection:	Conc. paved; cracking with vegetation growing in the joints, partially severe cracking.	1	7
N60. Substructure Summary:		**Summary Rating:**	**5**
C1. Pavement:	Conc. at the S end; asphalt at the N end; wide trans. cracks at the S (~ 1"); new (2018) asphalt around joint @ N; settlement @ sewer manhole @ S with vegetation growing.	2	6
C2. Approach Slabs:	Approach slab @ S end only; isol. cracking with & without previous sealant; spall behind seal @ bridge end allows water infiltration.	1	7
C3. Relief Joints:	S only; relief jnt. is way off the bridge; new asphalt including curbs in 2021.	1	7
C4. Embankment:	Landscaped.	1	8
C5. Guardrail:	Deter. to the posts and blocks; wood blocks are used.	2	6
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	0		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	0		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	1		
C6. Approaches Summary:		**Summary Rating:**	**6**
65. Vertical Clearance:		**Vert. Clearance Rating:**	N
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**5 A**

Inspection Notes: Erosion hole around the grate at the SW; slab over drain in slope cracked through on top of chamber.
See Element level notes for pier columns and pier caps.
Pier 4 sounded & painted by Terracon in 2021, detailed results forthcoming.

Recommended Maintenance:		**Assigned to:**
1.	Plan for rehab work @ piers 3 & 4.	Contract
2.	Consider jnt replacement of transverse jnts.	Contract
3.	Wedge S jnt in sidewalk w hot applied asphalt.	TROD
4.	Develop plan to seal sidewalk jnt @ intersection of Baum St.	TROD
5.	Patch sidewalk @ SE.	TROD
6.	Remove tree from pier column & wingwall @ SE.	TROD
7.	Replace jnt cover plate @ sidewalk to street.	TROD

Bridge Inspection Report | *Safety Inspection*

SFN: 3160777

Park Avenue Bridge over Kemper — **Date Inspected:** 07/16/2021

Inspected by: REINER M. W. REISING, P.E. — **Summary Rating / Operational Status** 6 A

Signature: _____ — **Bridge No.:** CITY (BP) #50

Route: PARK **Unit:** 3712 — **Bridge Type** 153 / 172 (Main/Approach Spans) — **Date Built / Date Rehabbed:** 1917 / 1939

Load Rating Percent 100 — **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Minor trans. cracking w efflor; minor spalls; large areas covered w gunite; form work left in some areas; some delams areas, not over roadway.	1	7
C7.2. Edge of Floor:	Widespread spalling/crumbling under walks & railings w stalactites forming, localized heavy efflor, some full depth patches, & isolated delam. & some exp. rebar; severe LOS & exp. rebar @ SW fascia near exp. jt.	2	5
C8. Wearing Surface:	Overlayed (1988) with LMC & CP; minor cracks (trans & long);very few delam. detected; conc patches (2011) at the E end; diag. crack near the NW exp. jt; sev. small shallow spalls (potholes); 2 larger failed patches @ NE.	1	7
C9. Curbs/Sidewalks:	Minor cracks; spalls at the exp. jts; surface scaling; wide long. curb crack w spalling conc. @ NW; sidewalk cracks several ft. long @ NW; more damage at the NW approach walk (spall & failing section of the sidewalk is patched with asphalt); several delams detected by souding; 8' long crack @ NE next to wearing surface patch; 19' long. crack @ SW; isol rust stains in curb.	2	6
C11. Railing:	Cracking w efflor.; widespread localized crumbling of the railing & the fascia; isolated spalls w exp. rebar & LOS esp. railing pylons @ S; shallow spalling; recent accident showed internal railing rebar had LOS @ sidewalk interface reducing railing capacity, possibly similar @ other locations; some newer panels constucted @ different times.	3	4
N36. National Safety Feature - Bridge Railing (0, 1 or N):	0		
C12. Drainage:	4 scuppers on bridge.	1	8
C13. Expansion Joints:	Strip seals (2000); rust stains on the underside; conc det. w exp. rebar below; isolated leakage from the gland; joint mostly filled w debris; slight spalling around armor; bats roosting in joints.	2	6
N58. Deck Summary:	**Summary Rating:**		**7**
C14. Alignment of Members:		1	8
C17. Stringers:	Large sections covered w gunite (1990); A) fascia beams (spandrel): extensive cracking w efflor. & stalactites (some exp. rebar) esp. over approach spans. B) Interior stringers (inside of spandrels): some wider long. cracks & few spalls; see previous element level rating for stringers (2019)	2	6
C18. Floor Beams:	Gunite coated (1990); some cracking w efflor; bracket @ N (center of arch) conc. det; struct. cracks, delam's.(some deeper), rust staining, delams, & spalls w exp. rebar under exp. jts; FBs under exp. jts. in worst condition.	2	6
C27. Arch:	Gunite coated (1990); cracks with efflor & delams forming along the edges, esp. on the W (possible coating delam.); few spalls w exposed rebar; the struts have minor cracking & delaminations (mostly in the gunite coating).	1	7
C28. Arch Columns/Hangers:	Gunite coated (1990); some cracking w efflor; cracks @ décor. Bases; isol. Spalling w exp. Rebar on few columns.	1	7
N59. Superstructure Summary:	**Summary Rating:**		**6**

Bridge Inspection Report | *Safety Inspection*

SFN: 3160777

Park Avenue Bridge over Kemper **Date Inspected:** 07/16/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature: _____ **Bridge No.:** CITY (BP) #50

C33. Abutment Walls:	Gunite coated (1990) concealing conc below; minor cracking w efflor. & seepage; dampness; cracks in arched portion @ SE.	1	7
C38. Pier Columns:	Gunite coated (1990); minor efflor. @ bases; some spalling; shallow gunite flaking; ext. ivy growth @ SW; SE column @ end of arch has crushed stone coming out of weephole (interiour column issue?).	1	7
C40. Wingwalls:	Gunite coated (1990); cracking w seepage & efflor; spalling at the NW; map cracking with efflor at all corners.	1	7
C43. Slope Protection:	Washed out under the W scuppers - dump rock repaired; erosion between the scuppers along the conc. pier at the W (hole measures 15' x 5' x 3' deep).	2	6

N60. Substructure Summary: **Gunite concealing much of the substructure.** **Summary Rating: 7**

C1. Pavement:	Map cracking along the joint at the E and W ends; random cracking at the E and West ends. Asphalt patch at the W turning into pothole; asphalt @ W mapcracking turning into deep potholes.	2	6
C4. Embankment:	Overgrown.	1	8

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **Summary Rating: 6**

C57. Utilities:	Corroding & separating conduits @ S fascia; some attachments missing; open hand hole @ street light @ S walk; light pole missing @ NE; only anchor bolts remain.	2	5

Utilities On Structure: U U U U U U U

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **6 A**

Inspection Notes: Multiple new graffiti's; sleeping bag/camp on top of center arch.

General Notes: Bridge on 6 year list for extensive sidewalk/railing/expansion joint and wearing surface replacement; gunite concealing much of the structure.

Recommended Maintenance:		**Assigned to:**
1.	Chip loose conc from edge of floor/railing.	TROD
2.	Plan for extensive rehab of walks, exp jnts, railings, & edge of floor.	Contract
3.	Trim branches overhanging sidewalk.	Traffic
4.	Cover open light pole hand hole on S side.	Traffic
5.	Patch curb @ NW.	TROD
6.	Replace light pole @ NE.	Traffic
7.	Repair wearing surface patches @ NE.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3160904

Powers Street Bridge over West Fork Channel **Date Inspected:** 07/19/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: _____ **Bridge No.:** CITY (BP) #51

Route: POWER **Unit:** 2832 **Bridge Type** 112 / NNN **Date Built / Date Rehabbed:** 2000 /

Load Rating Percent 150 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	See item 15, slab.	1	8
C7.2. Edge of Floor:	Some efflor. originating from top of struct. slab.	1	7
C8. Wearing Surface:	Isolated HL transverse cracks over the piers.	1	8
C9. Curbs/Sidewalks:	Vert. cracking w efflor in curbs; widespread minor popouts; trans cracks over walks near piers turning long. over pier; slight seperation of curb from wearing surface possibly allowing water to enter.	1	7
C11. Railing:	HL vert. cracks; widespread staining esp @ N face of both railings; lichen.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	0		
C12. Drainage:	Off bridge.	1	8
C13. Expansion Joints:	Small spalls in the concrete in header; ext. corrosion or armor; debris in the joint.	1	8
N58. Deck Summary:	**Summary Rating:**		**8**
C14. Alignment of Members:		1	8
C15.2. Slab:	HL flex cracks in pos. moment region turning longitudinal @ pier {center span only}; graffiti. Slab: some areas of slight honey combing under rebar in W approach span.	1	8
C26. Bearing Devices:	Concealed, assumed rating.	1	8
N59. Superstructure Summary:	**Summary Rating:**		**8**
C33. Abutment Walls:	Few full-height hairline vertical cracks.	1	8
C36. Pier Walls:	Hairline vertical cracks over the center of the pier arch.	1	8
C39. Backwalls:	Widespread spalling at top edge to approach slab (up to 1.5" wide from edge) esp. @ W where compression seal is partially torn.	2	6
C40. Wingwalls:	Stained.	1	8
C42. Scour:	Slight scour hole behind channel walls adjacent to slope protection.	1	8
Scour Inspection Type			
C43. Slope Protection:		1	9
N60. Substructure Summary:	**Summary Rating:**		**8**

Bridge Inspection Report | *Routine Inspection*

SFN: 3160904

Powers Street Bridge over West Fork Channel

Date Inspected: 07/19/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: R. Reising

Bridge No.: CITY (BP) #51

C51. Channel Alignment:	Concrete lined channel.	1	9
C52. Channel Protection:	Continued erosion behind channel wall @ W adjacent to slope protection; cracking & efflor on some channel walls; worst conditions further away from bridge (not considered).	1	7
C53. Hydraulic Opening:		1	9
N62. Channel Summary:	**Summary Rating:**		**7**
C1. Pavement:	Newly resurfaced 2019(?).	1	9
C2. Approach Slabs:	3 minor (not full length) cracks @ E; 2 scrape lines @ E (aparent impact); small spall @ W const jnt.	1	8
C4. Embankment:	Well vegetated.	1	8
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	N		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	N		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	N		
C6. Approaches Summary:	**Summary Rating:**		**8**

C57. Utilities: 3 manholes under the West span; 1 manhole at the East pier.

Utilities On Structure: N N N N N N N

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **8 A**

Recommended Maintenance:	**Assigned to:**
1. Seal joint between wearing surface and curbs w hot applied asphalt.	TROD
2. Pressure wash railing & curbs, afterwards seal with clear sealer.	TROD
3. Remove vegetation @ NW 15' parallel to bridge.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3160006

Quebec Rd over Lick Run **Date Inspected:** 09/08/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: _____ **Bridge No.:** CITY (BP) #52

Route: **Unit:** **Bridge Type** / **Date Built / Date Rehabbed:** /

Load Rating Percent **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	See item beams.	1	8
C7.2. Edge of Floor:	Slight wave in formwork; sealed w paint/sealer.	1	8
C8. Wearing Surface:		1	9
C9. Curbs/Sidewalks:	Small spalls patched.	1	9
C11. Railing:	Conc. portion sealed w paint/sealer, see edge of floor; anchor bolts touched up w spray paint.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C13. Expansion Joints:	Filled w debris.	1	9
N58. Deck Summary:	**Ongoing construction.**	**Summary Rating:**	**8**
C14. Alignment of Members:	Slight vert. offset between 2 adj. beams in center.	1	8
C15.1. Beams/Girders:	Isol. long. HL cracking.	1	8
C26. Bearing Devices:	Mostly concealed elastomeric.	1	9
N59. Superstructure Summary:		**Summary Rating:**	**8**
C33. Abutment Walls:	Stub abutments: vert. full height HL cracks.	1	8
C39. Backwalls:	Only visible from top; few trans. cracks @ top; spalling of curb @ jnt cover plates.	1	8
N60. Substructure Summary:	**Abutment walls sealed with anti-grafitti coating, abutment cap not sealed.**	**Summary Rating:**	**8**
C51. Channel Alignment:	Man-made by design.	1	9
C52. Channel Protection:	Man-made: rocks, filter fabric and plants.	1	9
C53. Hydraulic Opening:	As designed, no obstructions.	1	9
N62. Channel Summary:		**Summary Rating:**	**9**
C1. Pavement:	Asphalt 2019.	1	9

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

Bridge Inspection Report | *Routine Inspection*

SFN: 3160006

Quebec Rd over Lick Run

Date Inspected: 09/08/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: R. Reising

Bridge No.: CITY (BP) #52

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **Summary Rating: 9**

C57. Utilities: 2 duct banks, 1 PVC pipe only supported by temporary wire tires. 1 8

Utilities On Structure:

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status: 8 A**

Recommended Maintenance: **Assigned to:**

1. E most conduit support not finalized (wire ties). Contract

Bridge Inspection Report | *Routine Inspection*

SFN: 3162036

Race Street Bridge over Pete Rose Way and Parking Lots **Date Inspected:** 09/07/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: _____ **Bridge No.:** CITY (BP) #53

Route: RACE **Unit:** 0000 **Bridge Type** 112 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 2001 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Honeycombing@ N; irregular cold jnts at the E & W from bridge widening; several overdrilled holes for the utility supports; epoxy injections N of Freedom Way at the cold jnts; minor HL cracking @ some locations; paint peeling & concrete saturation @NE corner of Freedom Way (see drainage); 2' long longitudinal crack with minor stalactite under W sidewalk S of 3rd pier column from S; area of unsighlty patch at SE where planter box was removed in 2020.	1	8
C7.2. Edge of Floor:	Embedded objects (aparently corroding) in one distinct area N of Freedom Way; rest much better; stalactites forming @ fascia just N of Freedom Way.	1	8
C8. Wearing Surface:	Fiber nests and full length longitudinal cracks, measuring hairline to moderate (max) north of Freedom Way. Freedom Way pavers replaced w colored conc (2016), cracking in E leg of colored conc, but smooth riding; mapcracking in center of Freeom Way intersection. Widespread popouts S of Freedom Way, with HL cracking developping.	1	7
C9. Curbs/Sidewalks:	Isolated minor curb spalls and many small fiber popouts all N of Freedom Way; staining from curing agent S of Freedom Way; blue paint on E walk S of 2nd Street (2021).	1	8
C11. Railing:	W side only: Steel railing, gap below bottom rail > 6", will be modified shortly.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	Planters S of Freedom Way not draining. Trough drain @ SW corner of Freedom intersection leaking @ pipe joint. S of Freedom Way, pipes pushed appart and leaking @ on elocation at W. Minor ponding near roundabout at S. New stainless trough installed at S joint to music venue (2021).	2	6
C13. Expansion Joints:	Dripping through bladder of W Freedom Way and NE of Freedom Way (low points of trough do not appear to drain); debris filled (typical).	1	8
N58. Deck Summary:	**Summary Rating: 8**		
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Located in the N most spans only; full height cracks on both sides of the beams above interior columns; excessive honeycombing.	1	8
C15.2. Slab:	See item 7.1; accumulation of cobwebs W of Freedom Way.	1	8
N59. Superstructure Summary:	**Summary Rating: 8**		
C37. Pier Caps:	Very isol HL cracking under conduits N of Freedom Way.	1	8
C38. Pier Columns:	Very minor hairline cracking on several columns, some crapes from traffic. The 7th column from the North - center column is slightly twisted.	1	8
N60. Substructure Summary:	**Summary Rating: 8**		

Bridge Inspection Report | *Routine Inspection*

SFN: 3162036

Race Street Bridge over Pete Rose Way and Parking Lots **Date Inspected:** 09/07/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: _____ **Bridge No.:** CITY (BP) #53

C57. Utilities:	Many; ext. leaking out of utility conduits and pullboxes in the area N of Freeom Way; many conduits not positively identified; some conduits seperated @ W; electrical conduits crossing W trough @ Freedom Way are corroding; corrosion on and under pipes. Pull boxes N of Freedom Way are dripping even during dry period.	2	5

Utilities On Structure: N N N N N N N

N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**8 A**

Inspection Notes: S end beyond the parking garage ramp is blocked off to traffic and used for music venue construction.
Water dripping through junction boxes @ elect conduit under NE corner of Freedom Way; no trees in planters S of Freedom Way;

General Notes: Portion S of Freedom Way added in 2016. New S end roundabout etc. added 2021.

	Recommended Maintenance:	**Assigned to:**
1.	Investigate leaking in utilities (3 conduit junction boxes).	Owner
2.	Repair pipe joints @ W.	TROD
3.	Remove unused sign hangers from are S of Freedom Way inside the garage.	Garage
4.	Repair planters S of Freedom Way to allow proper drainage.	Contract
5.	Repair clogged floor drain in garage top level S of Freedom Way	Garage

Bridge Inspection Report | *Routine Inspection*

SFN: 3106748

Railroad (Abandoned) over I-71 North of Elsinore

Date Inspected: 11/29/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 K

Signature: R. Reising

Bridge No.: CITY (BP) #54

Route: 71 **Unit:** 231 **Bridge Type** 364 / **Date Built / Date Rehabbed:** 1970 /

Load Rating Percent 000 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Metal deck on floor beams; no obvious defects; sidewalk plate splice @ SE cracked into pieces & rusting, crack terminates @ vert. web stiffener; area's of pitted sidewalk plates around web stiffners; inside of rail trough cladded w cementitious material {waterproofing?}.	1	7
C11. Railing:	Thru girders serve as railing.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	0		
C12. Drainage:	Deck drainage system excavated & broken over S pier expansion joint; downspout @ E pier slightly perf.	2	5
C13. Expansion Joints:	Jt. over SW pier excavated, apparently leaking; loose armor over W pier.	3	4

N58. Deck Summary: **Both ends of the bridge deck are heavily overgrown.** **Summary Rating:** **7**

C14. Alignment of Members:	Noticable horiz wave of beam flanges of both main spans.	1	7
C15.1. Beams/Girders:	LOS to webs +/- 1/4" & vert. stiffeners {arrested by painting}; widespread freckled rusting @ fascias & isol. corr cells elsewhere; minor scrapes @ BF - several locs.; active corr. @ splices; graffiti; TF of W bridge slightly bent up over vertical web stiffeners.	2	6
C16. Diaphragms/X-Frames:	Slight misalignment (const. issue?).	1	8
C18. Floor Beams:	Minor surface rusting, widespread w initial LOS over traffic lanes, worst over N bound lanes.	2	6
C25. Sway Bracing:	Knee braces; LOS arrested by painting; heavy pitting @ bottom webs esp. @ SE (some minor perforations); flanges with only slight LOS; some deformations @ connections to web stiffeners (due to former corrosion).	2	6
C26. Bearing Devices:	Minor rust stains; dirt & debris; SE abut bearing stained (which looks like a crack); anchor bolt lifted @ W pier, center bearing of approach span.	1	8

C30. Protective Coating System (PCS): **System:** OZEU **Year:** 1996 **PCS Rating:** 6

Chalking/fading; graffiti; girders rusting along flanges, splices & other locs. esp. over N bound lanes; condition is worse @ underside & fascias.

N59. Superstructure Summary: **Not redundant; fatigue prone.** **Summary Rating:** **6**

C33. Abutment Walls:	Stains @ W; some cracking @ E.	1	7
C36. Pier Walls:	Vert., horiz., & diag. HL cracks w minor efflor.; seepage; covered w ivy @ N pier.	1	7
C39. Backwalls:	Hairline cracks.	1	8
C40. Wingwalls:	Lichen & staining @ W.	1	8

N60. Substructure Summary: **Summary Rating:** **7**

Bridge Inspection Report | *Routine Inspection*

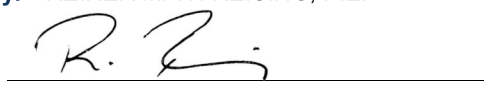
SFN: 3106748

Railroad (Abandoned) over I-71 North of Elsinore

Date Inspected: 11/29/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 K

Signature: 

Bridge No.: CITY (BP) #54

65. Vertical Clearance:

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: **6 K**

Inspection Notes: Crack in walk plate (Maintenance item #2) appears stable; 2021 lots of trash on structure; vegetation becoming impassable on deck @ E, vegetation removed from both appraoches of bridge in 2021.

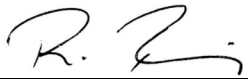
Recommended Maintenance:		Assigned to:
1.	Clear vegetation from deck where overhanging the beams.	TROD
2.	Monitor crack @ NE in walk plate to guarantee it does not extend into base metal of beams.	Owner
3.	Consider areas of paint repair in conjuction w ODOT.	Contract

Bridge Inspection Report | *Routine Inspection*

SFN: 3161005

Roe Street Bridge over Little Duck Creek **Date Inspected:** 04/09/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature:  **Bridge No.:** CITY (BP) #55

Route: ROE **Unit:** 4752 **Bridge Type** 231 / NNN **Date Built / Date Rehabbed:** 1930 / 2002

Load Rating Percent 150 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Very minor stains on bottom of box beams; small spall at W (See beam).	1	8
C7.2. Edge of Floor:	2 HL cracks w efflor, 2 @ S.	1	8
C8. Wearing Surface:	Very isol/ short HL cracks.	1	8
C9. Curbs/Sidewalks:		1	9
C11. Railing:	Minor HL cracks below and originating from window openings; moss, lichen.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	Street inlets off bridge; minor debris @ bridge ends.	1	7
N58. Deck Summary:		**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Small spall @ W abut. (beam 4 from N); white stains in 2 locations, these stains reflect the pattern of the strands, but staining has not changed over the past years.	1	8
C26. Bearing Devices:	Plain elastomeric (mostly concealed).	1	8
N59. Superstructure Summary:	**Redundant; not fatigue prone. 2 diaphragm tension rods on each fascia were not grouted.**	**Summary Rating:**	**8**
C33. Abutment Walls:	Cracking w heavy efflor. @ corners; few vertical cracks w efflor below abutment seat; crumbling @ back of E abut. @ N end, concrete @ NE abut. Jt. to WW; graffiti; reconstructed abut. seat in very good condition.	1	7
C40. Wingwalls:	Few cracks w minor efflor; WW @ NW lost backfill due to channel alignment.	1	8
C42. Scour:	Conc. channel bottom under bridge; scour hole in front of NW WW where unreinforced concrete apron was undermined (condition stable over past years); actual footer of wingwall not exposed.	1	7
Scour Inspection Type	1		
N60. Substructure Summary:		**Summary Rating:**	**7**
C51. Channel Alignment:	US curve pushes flow against and behind NW WW causing erosion.	2	6
C52. Channel Protection:	Paved bottom in good condition, partly covered with silt; Gunnite/concrete protection undermined US @ W of bridge; channel bottom of bridge not undermined.	2	6
C53. Hydraulic Opening:	Minor dep. of rock & soil mat'l @ E abut; flow debris US (tree in channel at channel bent).	1	8

Bridge Inspection Report | *Routine Inspection*

SFN: 3161005

Roe Street Bridge over Little Duck Creek **Date Inspected:** 04/09/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY (BP) #55

N62. Channel Summary: **Summary Rating:** **6**

C1. Pavement: E asphalt patched 2018; cracking @ edges of bridge; a few long. & trans. cracks limited to interface w bridge deck {6" wide strip full width}; small pothole (< 1SF) forming at W end of bridge in W bound lane. 1 7

C2. Approach Slabs: (No real approach slabs present. Asphalt overlay over concrete pavement per drawings)

C4. Embankment: Steep by design; mostly overgrown. 1 7

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **1" vertical offset @ NW walk (off the bridge @ end of approach railing)** **Summary Rating:** **7**

C57. Utilities: Gas & water; only 2 out of 4 water main supports active; gas main supports bent. 1 7

Utilities On Structure: N Y N N N Y N

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 A**

Recommended Maintenance:	**Assigned to:**
1. Seal joint between approach pavement & bridge with hot applied asphalt.	TROD
2. Consider channel wall stabilization US @ curve where trail is being undermined by flow.	
3. Patch small pothole just W of bridge in WB lane.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3161781

Rosa Parks Bridge (former Vine) over Parking Garage **Date Inspected:** 11/08/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY (BP) #56

Route: VINE **Unit:** 0000 **Bridge Type** 112 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 2002 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	See item 15.2 Slab.	1	8
C7.2. Edge of Floor:	@ W only; patches & spalls @ locations of former railing connections; delam under GE revolving door.	2	6
C8. Wearing Surface:	Many long. & trans. cracks; diag. cracks, some wide; spalling @ inlets, some w exp rebar; conc around grates breaking up.	1	7
C9. Curbs/Sidewalks:	Ex. cracking & hollow sound in private portion of W walk (GE building) and the GE driveway. Concern about non continuous exp jnts at GE doorway that could cause cracking in the adjacent walks; popouts in conc walk; minor paver damage; efflor, isol. cracking elsewhere.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Ponding on pivate walk. E curb regrated around inlet (2016); spalling around inlets prevent proper drainage & cause isol. slab leaking.	1	8
C13. Expansion Joints:	N joint repaired 2016; apparent leakage @ NW; W long joint (private) was modified (non-continuous) at revolving door, leaking delam conc & new bladder drain @ N. (not observed 2021); widespread corr. of joint armor & cover plates.	1	8
N58. Deck Summary:	**Pointed out delam (see edge of floor) to garage personnel during the 2021 inspection.**	**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	E beam (not part of structure limits): flex cracks @ midspans, (patched in span 5 from N).		
C15.2. Slab:	Minor long. HL cracks w efflor. org @ d/s in span 5 from N & span 2 from S (stalactites); trans. HL flex. cracks (east-west) @ center of most spans; ext. stalactites around Duke vaults.	1	8
N59. Superstructure Summary:		**Summary Rating:**	**8**
C37. Pier Caps:	Mostly HL cracks (greater than 5% cracked) centered under most utility conduits (w efflor. build-up @ isol. locations, worst cond. in N-most pier); leaking out of N most conduits (7) w rust staining & build up of efflor. (grates).	1	7
C38. Pier Columns:		1	8
C40. Wingwalls:	MSE wall @ S; spalls; discoloration; efflor; several misalignments up to 1"; leakage @ SE from 3 utility ducts causing damp bottom of wall & damp areas throughout (not observed 2021); MSE wall settled causing joint offset	2	6
N60. Substructure Summary:	**Vertical cracks w minor efflor @ N conc. wall @ S end of vent shafts.**	**Summary Rating:**	**7**

Bridge Inspection Report | *Routine Inspection*

SFN: 3161781

Rosa Parks Bridge (former Vine) over Parking Garage

Date Inspected: 11/08/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: R. Reising

Bridge No.: CITY (BP) #56

C1. Pavement: At S only; diag crack in slab; some pavers shifting. 1 8

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **Summary Rating:** **8**

C57. Utilities: Some hangers bent; rust staining & ext. efflor. @ N conduits (7 capped off); leaking @ S abutment from utility ducts; 3 ducts going from top of MSE wall into slab; 2 W most conduits suspended from edge of floor w several anchors, have widespread cracking @ W most anchor due to low edge distance. 1 7

Utilities On Structure: Y N N N N N N

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 A**

Inspection Notes: See 2020 Element level inspection data for this structure.
Drain pipes painted 2021.
Sign leaking through Duke lift panels under taste of belgium planters after planters are watered.

General Notes: Grating in roadway @ N end for access to utilities in garage. Gratings replaced (2008). N joint and inlet repaired (2016).
Lift-out panels in both walks for access to utilities in garage (caulked 2019).

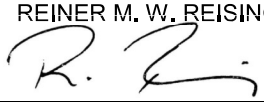
Recommended Maintenance:		Assigned to:
1.	Observe condition of walk/long joint at W at GE revolving door.	Owner
2.	Chip & repair spalling around inlets & gratings, seal borders.	TROD
3.	Recaulk sidewalk curb joints @ E sidewalk w sika flex.	TROD
4.	Fill sidewalk core @ NE (or replace sign).	Traffic

Bridge Inspection Report | *Routine Inspection*

SFN: 3162338

Rosslyn Drive Bridge over Duck Creek **Date Inspected:** 06/14/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature:  **Bridge No.:** CITY (BP) #57

Route: ROSLN **Unit:** 4541 **Bridge Type** 321 / NNN **Date Built / Date Rehabbed:** 1943 /

Load Rating Percent 150 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Several full depth patches, many trans cracks w efflor; 2 large delaminated areas @ N abutment; spalls w exp rebar; stalactites forming @ NW; spalling of haunches, esp near abutments; few small rust stains.	2	6
C7.2. Edge of Floor:	Patched areas; some cracking; some exp rebar & delam @ N.	1	7
C8. Wearing Surface:	Transverse cracks, measuring from hairline up to 1/8 inch wide; smooth riding; no delams detected.	1	7
C9. Curbs/Sidewalks:	Hairline transverse cracks; few patches (sound); concrete crumbling in small area of walk @ SE.	1	7
C11. Railing:	Widespread concrete cracking, +/- 10 spalls and some exposed rebar; rusting of metal tubes.	2	5
N36. National Safety Feature - Bridge Railing (0, 1 or N):	0		
C12. Drainage:	All inlets tend to clog.	1	7
C13. Expansion Joints:	Filled w debris; possible leakage @ E; patches & delams near joint headers.	1	7

N58. Deck Summary: **Vehicles crossing joints cause noticable vibration to structure** **Summary Rating:** **6**

C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Corr at last 10' from abutments w pack rust & laminating corr. @ fascia beams near abutments; 3 scrapes, rusting @ N fascia BF;	1	7
C16. Diaphragms/X-Frames:	Laminating corrosion at the end cross frames esp @ NE; new (2021) water main supported on clamped horizontal I-beams.	1	7
C26. Bearing Devices:	Not visible, assumed rating.	1	7

C30. Protective Coating System (PCS): **System:** **Year:** 1986 **PCS Rating:** 5

Paint failure at the beam ends. Chalky throughout with isolated areas of peeling paint and speckled rust; beam ends & other area's painted over.

N59. Superstructure Summary: **Summary Rating:** **7**

C33. Abutment Walls:	Some cracks w minor efflor.; severe stains under weep holes @ E, no stains @ W; spalling, exp. rebar & delams @ top of abutments under beams, esp @ W (patched @ E).	2	6
C39. Backwalls:	Cracks with efflorescence; spall & staining @ SW; unsightly construction joints from exp joint replacement; areas of unsound conc {sounding}.	2	6
C40. Wingwalls:	Moss, staining; HL vertical cracks.	1	8
C42. Scour:		1	9

Bridge Inspection Report | *Routine Inspection*

SFN: 3162338

Rosslyn Drive Bridge over Duck Creek **Date Inspected:** 06/14/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature: _____ **Bridge No.:** CITY (BP) #57

Scour Inspection Type 1

N60. Substructure Summary:		**Summary Rating:**	**6**
C51. Channel Alignment:	Concrete lined channel.	1	9
C52. Channel Protection:	Deep spalls w exposed rebar in the concrete channel protection outside of the flume. Concrete benches in front of abutment walls w severe spalling under outlet pipes @ E.	2	5
C53. Hydraulic Opening:		1	9
N62. Channel Summary:		**Summary Rating:**	**5**
C1. Pavement:	Few, mostly longitudinal cracks, N most lane repaved (2021) as part of Water Works replacement project.	1	7
C4. Embankment:	Severely overgrown.	1	8
C5. Guardrail:	Wood blocks are used; few small dents.	1	7
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	0		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	0		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	1		
C6. Approaches Summary:		**Summary Rating:**	**7**
65. Vertical Clearance:		**Vert. Clearance Rating:**	N
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**6 A**

Inspection Notes: Waterworks replaced/upgraded (2021) watermain in same bay where the existing main was located; noticable vibration under traffic.

Recommended Maintenance:	**Assigned to:**
1. Consider sealing deck.	Owner
2. Plan for railing replacement or extensive repair.	Owner
3. Consider exp. Joint replacement.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3160661

Second Street Connector from Clay Wade Bailey (Ramp D) **Date Inspected:** 11/01/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY (BP) #58

Route: SECON **Unit:** 0000 **Bridge Type** 222 / 112 **Date Built / Date Rehabbed:** 2001 /

Load Rating Percent 150 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Isol. cracks w minor efflor in the slab esp. around island & const. jnt.; diag. cracks w efflor @ N end of pier 2 from W.	1	8
C7.2. Edge of Floor:	Very isol cracking.	1	8
C8. Wearing Surface:	Trans cracks over piers intersecting w few long. cracks turning into HL map cracking in slab area; HMWM applied 2016; portion over beams in excellent condition.	1	8
C9. Curbs/Sidewalks:	Minor trans cracks, popouts, & minor scaling; large cracks over the approach section (slab); holes over slab section from former sign.	1	8
C11. Railing:	Conc barriers w mapcracking and efflor build up @ E; some popouts; long and horiz cracks @ the top of the barriers 40' esp @ E; the steel railing has some rusting on the galvanized steel posts (S side).	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:		1	8
C13. Expansion Joints:	Jnts filled w sand/light debris.	1	8
N58. Deck Summary:	**Summary Rating:**		**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Very minor impact damage; impact @ N beam, W most span; small spall @ BF over piers @ some locations; spall of grout connection @ BF over 2nd pier from W w exp rebar.	1	8
C15.2. Slab:	Isol cracking w minor efflor, esp @ center portion under island; patched/stained areas under island.	1	8
C16. Diaphragms/X-Frames:	Vert cracks developing in line of beam flanges @ some diaphrams (over piers only @ non exp joints but not fixed piers) see attached table.	1	7
C18. Floor Beams:	Only located in 2nd bay from E.	1	8
C26. Bearing Devices:	Concealed.	1	8
N59. Superstructure Summary:	**Summary Rating:**		**8**
C37. Pier Caps:	Widespread HL flexure cracks w minor efflor in cantilever of beam portions; debris @ W end of beam section; SW pier cap has HL vert cracks @ bottom of cantilevers & horiz crack in cap over column	1	7
C38. Pier Columns:	Minor map cracking; minor scrape @ columns from cars; areas of honeycombing , many buckholes (some grout filled); SE most column is spalling w rust staining & exp stirrups @ bottom (low cover).	1	8

Bridge Inspection Report | *Routine Inspection*

SFN: 3160661

Second Street Connector from Clay Wade Bailey (Ramp D) **Date Inspected:** 11/01/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY (BP) #58

N60. Substructure Summary: **Summary Rating:** **7**

C55. Warning Signs: Merge sign and a yield sign. 1 7

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 A**

Inspection Notes: Element level 2020 report on file; 2021 ext. debris from accidents {due to increased traffic because of Brent Spence closure}.

	Recommended Maintenance:	Assigned to:
1.	Consider repairing/sealing GM barriers.	Contract
2.	Consider replacing missing light pole over rail @ NW.	Traffic
3.	Fill holes (former signs) in wearing surface of traffic island.	Traffic
4.	Remove loose conc from diaphrams over piers.	TROD
5.	Repair aluminum railing @ Clay Wade Bailey N of 7th st.	TROD
6.	Refresh pavement markings @ Clay Wade Bailey.	Traffic

2nd Street Connector from Clay Wade Bailey, Ramp D

SFN 3160661

Diaphragm monitoring (beam section only)

Piers numbered from W to E, bays from S to N

Pier #	Bay #	W side	E side
1	5	bot crack	
2	2	S del	
2	3	S & N del	
2	4	S & N del	
3	2	N bot	
3	3	S bot	N bot possible HL cracking developping from honeycombing
3	4	N bot	
4	2	N delam	
4	3	Spall w exp rebar	

Bridge Inspection Report | *Routine Inspection*

SFN: 3160866

Second Street over Transit Center - East End

Date Inspected: 08/24/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 5 A

Signature: R. Reising **Bridge No.:** CITY (BP) #59

QA/QC Inspector: BRIAN E. RHODES

Signature: Brian Rhodes

Route: SECND **Unit:** 0069 **Bridge Type** 132 / NNN **Date Built / Date Rehabbed:** 2001 /

Load Rating Percent 150 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Ext. widespread HL cracking; long. HL cracks with efflor. at the W end and near the piers (appear to be lined up with the rebar pattern); numerous trans. cracks in the ramp LL span 3 & main bridge E of the const. jnt., some efflor(stalactites) @ ramp LL const. jnt.; concentrated cracks at the locations of internal diaphragms; honeycombing with exp. reinf. at 2 locations. (typical crack width equal to or less than 0.01" exceeding HL definition for post tensioned conc.); patched areas under diaphram @ 2nd & 3rd pier from W.	2	6
C7.2. Edge of Floor:	Spalled edges (impact) E span of ramp LL (where clearance is low); efflor staining along the outside faces of the webs esp at piers; trans cracks @ over hang; some diag. shear cracking with efflor. @ the fascias.	2	6
C8. Wearing Surface:	Trans. HL cracks - over Pier 2 (from W); minor to moderate map cracking at the ends of the E span of the main bridge; few isol. Long. HL cracks; some grooves in wearing surface filled w light material; no delams detected by sounding.	1	8
C9. Curbs/Sidewalks:	Popouts; trans crack in walk over 2nd pier from W; minor curb spalls; sign removed @ 435+00 causing spall & delam in s/w; SE most reds barriers removed leaving fasteners & rust stains in sidewalk.	1	7
C11. Railing:	Vert. & horiz. cracks w efflor; slight localized rust on metal railing; 5 posts missing behind street lights & over exp. jts; several posts not connected to horiz. railings w bolts; isol rust stains.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	0		
C12. Drainage:	Partially clogged grates along the N shoulder scupper.	1	7
C13. Expansion Joints:	Joints at the E and W are filled with debris; joint at the NE is leaking at 1 location; damaged armor plate for 2 ft section at the NE joint of the Main bridge; joint armor(2 center segments) at the W is bent in N half w slight clanking under traffic. 3 distinct places of leakage w efflor @ SW (under sidewalk). No spalling at joint armor.	1	7
N58. Deck Summary:	**Summary Rating:**		**6**
C15.1. Beams/Girders:	See Item 7.1 Notes. Ext. cracks at the inside connection between the web and diaphragm; most beam cells were entered in early 2021 as preparation for PT inspection & no crack widening was detected; only diaphram cracks are wider (>.02"), all other cracks are much smaller.	2	6
C26. Bearing Devices:	(Mostly concealed); elast. bearings @ end piers & E abut; crack in seismic pedestal @ E abut. @ ramp LL.	1	7

Bridge Inspection Report | *Routine Inspection*

SFN: 3160866

Second Street over Transit Center - East End

Date Inspected: 08/24/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 5 A

Signature: R. Reising **Bridge No.:** CITY (BP) #59

QA/QC Inspector: BRIAN E. RHODES

Signature: Brian Rhodes

N59. Superstructure Summary: **Summary Rating:** **6**

C33. Abutment Walls:	Horiz. & vert. cracking almost full depth @ N cheekwall (see wingwall); seismic pedestals only connected to the abutment seat by shear friction of rebar; layer of polystyrene was cast underneath the pedestals and between beams and backwall; the NE pedestal is cracked through (cast too close to the beam without allowing for beam movement at the exp. abutment?); sev crack w efflor at N side at top of cheeckwall, with efflor.(ranging from 1.5" @ E to 0" @ W apparently from wall top turning/rotating toward bridge; apparently the polystetyrene does not allow enough movement at the abutment.	2	5
C37. Pier Caps:	Widespread HL cracking; see item floor.	1	7
C38. Pier Columns:	Some horiz. & vert. HL cracking w efflor; minor spalls & scrapes (impact).	1	8
C39. Backwalls:	SE only, mostly concealed: Many cracks with efflor.; seepage; backwall behind the beams was covered with polystyrene layers and plywood; polystyrene at the NE is partially burned away; and conc spalls visible (fire damage?).	2	6
C40. Wingwalls:	At SE bottom of ramp LL only: RC concrete, vert. HL cracks.	1	7
C43. Slope Protection:		1	9

N60. Substructure Summary: **Summary Rating:** **5**

C1. Pavement:	SE (Bottom of ramp LL only): long. & trans. Cracking & severe shoving/rutting (heavy in N outside lane); slight settlement in walk @ E approach @ light pole w sidewalk breaking off.	3	3
C2. Approach Slabs:	E only (LL rmap): Trans. cracks in the overlay at the end of the backwall (the overlay is breaking up; 61 cm from the exp joint); full width crack widening & pothole forming.	2	6

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **Lanes were shifted a few years back, since then the lane markings and RPMs do not line up. (Traffic is aware of this).** **Summary Rating:** **3**

C57. Utilities: Lighting underneath and streetlights on top bot with conduits inside of beams.

Utilities On Structure: N N N N N N N

Bridge Inspection Report | *Routine Inspection*

SFN: 3160866

Second Street over Transit Center - East End

Date Inspected: 08/24/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 5 A

Signature: R. Reising

Bridge No.: CITY (BP) #59

QA/QC Inspector: BRIAN E. RHODES

Signature: Brian Rhodes

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **5 A**

Inspection Notes: Most boxes entered in early 2021 as part of the PT inspection preparation.
B&N PT invstigation to begin in late summer 2021.

Recommended Maintenance:		Assigned to:
1.	Clean out inlets	Stormwater
2.	Remove corroded fasteners from sidewalk where Reds barrier used to be attached.	Owner
3.	Monitor abutment cracking to develop repair strategy.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3160696

Second Street over Transit Center - Elm to Main Streets

Date Inspected: 06/30/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature:

Bridge No.: CITY (BP) #60

Route: SECND **Unit:** 0030

Bridge Type 262 / NNN (Main/Approach Spans)

Date Built / Date Rehabbed: 2001 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Mostly covered in main span, few areas where cover is lose or removed esp @ S due to leakage near curb in isol areas between the flanges of adjacent T beams. SIP forms below plena: Corr. Is sev. In some areas under the plena w LOS to the SIP forms. (NW hatch has collapsed, all hatches are permanently open). Plena concrete floor: widespread trans cracking w efflor and stalctites, especially in S plenum.	2	6
C7.2. Edge of Floor:	Only visible at South between Elm and Race: Some spalling in grout over PT anchors, some efflor..	1	7
C8. Wearing Surface:	Pavers shifting & crumbling esp in turn lanes at all intersections; Elm street: concrete- ext map cracking w irregulary spaced edge spalls (1'Lx3"x2"D) to pavers @ 3 sides (not N (concrete approach slab)); Throughout trans cracks throughout often extening into walk some appear to be located over PT ducts (5' spacing) see edge of floor (also present in new concrete/curb S of street car); map cracking esp in Freedom Center block w isolated spalls , worst condition in 3-S most lanes, N 2 lanes have less cracking. Smooth riding throughout; 2 deep ruts transverse 5 to 6' apart in middle of block between Race & Vine w buildup of efflor & adjacent patched pothole.New (2018) concrete crosswalk accorss S side of Race Street; streetcar build slab @ W of E Walnut joint crushes at interfaces to adjacent concrete and was patched in 2021. Area with pronounced long cracking between Walnut and Vine station 740.	1	7
C9. Curbs/Sidewalks:	Ext. widespread map cracking with efflor. at the S sidewalk esp between Elm and Race where spalling is widespread; some wider sidewalk cracks turning into shallow popouts/spalls (sidewalk is worse between Elm and Race). Ext. spalling around the lightpoles on the S side; widespread curb crumbling & spalling between the walk and the curb; water leaking through curbs causing curb damage & build up of efflor.; 3 circle cracks through several blocks of walk between Race & Vine in S walk at stations (538, 550, & 617); S walk E of main, long cracking around sidewalk block joints; new N walks cracks sealed, crushing of N walk at East Walnut joint (Streetcar?); S side governs rating.	2	5
C11. Railing:	S only between Elm and Race: Isolated corrosion. N railing is off the structure.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	Inlets @ N only; ext debris below sidewalk grates. Drain in the S plenum not connected at station 855 leaking water into plenum. Plenum leakage at some other locations, typically at pipe joints (see detailed plenum observations), mostly at intersections in N plenum.	3	4
C13. Expansion Joints:	Replaced (2005); minor leakage and debris at all of the joints; loose armor & ripped gland @ the exp. joint E of Elm (pothole behind the joint armor with exp. rebar up to 6' long & armor squeezed @ S curb); 6' x 1' x 3" hooks exposed fully.	2	5

N58. Deck Summary: **Summary Rating:** **6**

Bridge Inspection Report | *Routine Inspection*

SFN: 3160696

Second Street over Transit Center - Elm to Main Streets **Date Inspected:** 06/30/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY (BP) #60

C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	T beams only, for long beams, see pier caps: Most flanges conceiled by black cover; rust stains on the sides of the T's originating from metal fasteners or embedded objects (esp on some beams between Walnut and Main); efflors. at the ends of several T's especially at the S, ext. at some T beams (for example @ 440, S pier); 45 deg cracks w efflor in flanges over S pier at 3 locations where cover is removed; web w moisture & efflor at the elevation of the duct line @ 560.	1	8
C16. Diaphragms/X-Frames:	Over piers between beam webs: Cracking with efflor. (sometimes heavy) @ S.	1	7

N59. Superstructure Summary: **Summary Rating: 8**

C37. Pier Caps:	(Also referred to as long beams): eepage stains from above; saturated at some locations near joints; HL flexure crack at S at 450 w initial efflor.; shear crack @ S station 440 w build up of efflor.; coated cables sticking out @ bottom of pier cap @ mid span (P.T. duct hold down?).	1	7
C38. Pier Columns:	Vertical and horizontal HL cracks; minor honeycombing; spalls at bases; 4th pier from the E on the N side has cracks and patched spalls.	1	8

N60. Substructure Summary: **S CMU wall has vertical cracks, some in tile area; horiz. tile crack @ isol locations esp. @ station 603 @ S.** **Summary Rating: 7**

C55. Warning Signs:	There are numerous signs along this bridge; detectable warning @ E Race contradict "no walking" signs; no-parking sign in N walk hit/bent between Elm & Race.	1	8
C56. Sign Supports:	Sign in S walk, W of Vine has 1 sheared anchor bolt.	2	6
C57. Utilities:	Many, some corroding, others as new, leaking at some conduits. Electrical utitlites in Plenums are severely corroded, with conduits separated and light fixtures rusted off and hanging by their wires.	3	3

Utilities On Structure: N N N N N N N

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 A**

Inspection Notes: See detailed inspection notes; parking and storage in tunnel in 2021; during 2021 inspection fans appeared to switch into "Hurricane" wind mode. North stairs are opened to traffic in 2021.
New (2021) loading dock doors at Freedom Center under Marian Spencer.
Upcoming in depth investigation of PT system at this bridge and the East Approach later in 2021.

Bridge Inspection Report | *Routine Inspection*

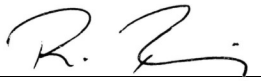
SFN: 3160696

Second Street over Transit Center - Elm to Main Streets

Date Inspected: 06/30/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: 

Bridge No.: CITY (BP) #60

	Recommended Maintenance:	Assigned to:
1.	Seal gap between N approach slabs & wearing surface w hot applied joint filler.	TROD
2.	Consider replacing surface slab @ Walnut intersection {streetcar built wearing surface}, patched in 2021.	Owner
3.	In south plenum, attach PVC drain @ station 855 to drain pipes	SORTA
4.	Plan for comprehensive transit repairs particularly plenums.	Owner
5.	Repair broken utility conduits in plena (many locations).	SORTA
6.	Discuss possibilities to mitigate leaking at S curb.	Owner
7.	Plan for expansion joint replacement at Elm Street.	Owner
8.	Clean out N curb inlets.	Stormwater

	Pier # to plans	Stationing	Top Deck (2nd Street) 08/25/2020
Expansion Jt #10		960	
			Curb damage
	Pole 532	936	
	Pole 531	915	
Expansion Jt #9	West Main	911	
	Pole 528	882	
	Pole 527	855	S building drains onto sidewalk
		854	Streetcar sidewalk drains filled with debris
	Pole 526	827	
Expansion Jt #8	East Walnut	799	wearing surface spalled and patched
		798	N sidewalk crushing
	Pole 525	794	
	Pole 524	773	
Expansion Jt #7	West Walnut	769	joint compressed and bulging in S walk
		759	Spall in wearing Sruface
	Pole 521	742	
			Pump station contractor pavement markings
	Pole 520	713	
	Pole 519	658	
Expansion Jt #6	East Vine	657	
	Pole 518	652	Crushing of S crosswalk pavers across Rosa Parks
	Pole 517	631	
Expansion Jt #5	West Vine	627	
		617	Double Circle cracking in S sidewalk
	Pole 514	598	Double Circle cracking in S sidewalk
	Pole 513	571	cracking in WS with water and efflor.
			Severe staining at S private expansion joint widespread
	Pole 512	543	
		538	Double Circle cracking in S sidewalk
Expansion Jt #4	East Race	515	
	Pole 511	510	
	Pole 510	489	
Expansion Jt #3	West Race	485	
	Pole 507	456.5	Cracking w efflor in S sidewalk
	Pole 506	428	Effl on S edge of floor
		428	CSR about leaning pole in N walk
	Pole 505	401	
Expansion Jt #2	East Elm	373	
	Pole 504	368	
Expansion Jt #1	West Elm	329	

Our pier #	Pier # to plans	Stationing	South Plenum - Comments 08/25/2020
Expansion Jt #10		960	
1	9+3	955	
2	9+2	935	open switch box
		920	broken air duct
Expansion Jt #9	West Main	911	
4	8+6	908	
5	8+5	887	877: efflor @ N wall & ceiling
6	8+4	866	area of full depth deck repair 850-860
7	8+3	844	855: Leakage @ N wall, no drain pipe attached!
8	8+2	823	
9	8+1	802	
Expansion Jt #8	East Walnut	799	
10	7+2	795	severe corrosion to ductwork
11	7+1	773	
Expansion Jt #7	West Walnut	769	PVC pipe with leaking plice
12	6+6	766	
13	6+5	745	
14	6+4	724	
15	6+3	702	712 electrical conduit separated by corrosion
16	6+2	681	
17	6+1	670	
Expansion Jt #6	East Vine	657	
18	5+2	653	640 to 650: CMU deter @ S wall (Rosa Parks grating)
19	5+1	631	
Expansion Jt #5	West Vine	627	
20	4+6	624	
21	4+5	603	603: Ext efflor & est. staining
22	4+4	582	Between exp jt 5 & 6: Ceiling cracks w stalactites
23	4+3	560	
24	4+2	539	
25	4+1	518	
Expansion Jt #4	East Race	515	
26	3+2	511	
27	3+1	489	
Expansion Jt #3	West Race	485	
28	2+6	482	
29	2+5	461	
30	2+4	440	448 open electrical junction box corroding
31	2+3	418	
32	2+2	397	stalactites, corr / broken elec cond sev corr elec. Box
33	2+1	376	
Expansion Jt #2	East Elm	373	
34	1+3	369	heavy stalactites and broken conduit 376
35	1+2	351	
36	1+1	334	
Expansion Jt #1		329	

Our pier #	Pier # to plans	Stationing	Inside Transit Center - Comments 08/25/20
Expansion Jt #10		960	
1	9+3	955	efflor from S curb and stalactites
2	9+2	935	ex rust staining on N walk between piers 2,3,4
3	9+1	915	
Expansion Jt #9	West Main	911	
4	8+6	908	slight steep in N walk at pier 4
5	8+5	887	heavy efflor @ S beam
6	8+4	866	
7	8+3	844	ex rust staining on beam web
8	8+2	823	**E floordrain clogged**
9	8+1	802	
Expansion Jt #8	East Walnut	799	
10	7+2	795	
11	7+1	773	**Beginning of tiled floor and ceiling**
Expansion Jt #7	West Walnut	769	**ex dripping from S plenum**
12	6+6	766	
13	6+5	745	**Dripping @ S drain pipe from slab (Freedom drain) stalagmites**
		730	wider crack in N beam
14	6+4	724	near 730 initial leak in center of span
15	6+3	702	N walk under water from open valve in fire room
16	6+2	681	initial S curb leak
17	6+1	670	
Expansion Jt #6	East Vine	657	
18	5+2	653	Loose/missing tile on walks
19	5+1	631	
Expansion Jt #5	West Vine	627	Leakage @ funnel @ jt, membrane not in funnel
20	4+6	624	
21	4+5	603	hor. Cracks in S wall tile leak bet. Beams at curb (?)
22	4+4	582	
23	4+3	560	beam w moisture and efflor in web (W side)
24	4+2	539	
25	4+1	518	leakage and efflor. under S curb
Expansion Jt #4	East Race	515	widespread joint leakage
26	3+2	511	leaking conduit above (traffic lights?)
27	3+1	489	
Expansion Jt #3	West Race	485	drainage funnel clogged @ N stalactites acc.
28	2+6	482	leakage from traffic conduits
29	2+5	461	
		450	crack in S beam w initial efflor
30	2+4	440	shear crack in S beam w efflor
31	2+3	418	
33	2+1	376	
Expansion Jt #2	East Elm	373	**Leakage through exp jt & trough; joint appears tighter at top**
34	1+3	369	leakage from traffic conduits
36	1+1	334	
Expansion Jt #1		329	

Our pier #	Pier # to plans	Stationing	North Plenum - Comments 08/25/2020
Expansion Jt #10		960	
1	9+3	955	
2	9+2	935	
3	9+1	915	915 separated elec. Conduit @ wall
Expansion Jt #9	West Main	911	
4	8+6	908	
5	8+5	887	
6	8+4	866	broken light & socket
7	8+3	844	
8	8+2	823	
9	8+1	802	
Expansion Jt #8	East Walnut	799	
10	7+2	795	780-790 N elect. Cond. broken hanging by wires
11	7+1	773	3 wall panels shifted @ 770, widesp. Moist. on floodwall
Expansion Jt #7	West Walnut	769	
12	6+6	766	
13	6+5	745	
14	6+4	724	broken light at 725
15	6+3	702	housing steel tower supports not properly seated
16	6+2	681	
17	6+1	670	
Expansion Jt #6	East Vine	657	broken utility conduits at several locations, leaking
18	5+2	653	
19	5+1	631	
Expansion Jt #5	West Vine	627	broken utility conduits at several locations, leaking
20	4+6	624	
21	4+5	603	trans crack in concrete floor.
22	4+4	582	590 open electrical box
23	4+3	560	576 fan blade door dislodged
24	4+2	539	Light fixture corroded away
25	4+1	518	
Expansion Jt #4	East Race	515	
26	3+2	511	
27	3+1	489	
Expansion Jt #3	West Race	485	bottom of divider wall corroded severe LOS
28	2+6	482	
29	2+5	461	
30	2+4	440	**top of divider wall leaning N open electrical box at 444**
31	2+3	418	425 broken door to outside ventroom (dead animal)
32	2+2	397	
33	2+1	376	387 crack in N plenum floor
Expansion Jt #2	East Elm	373	
34	1+3	369	365 separated conduit/ hanger 100 LOS
35	1+2	351	350 separated conduit 100 % LOS
36	1+1	334	
Expansion Jt #1		329	Bot Vents closed off (S side), open between 460 and 820

Bridge Inspection Report | *Routine Inspection*

SFN: 3160688

Second Street over Transit Center - West Approach

Date Inspected: 06/04/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: R. Reising

Bridge No.: CITY (BP) #61

Route: SECND **Unit:** 0024 **Bridge Type** 322 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 2001 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	HL transverse cracks with efflor; spall w exp steel plate @ center of E terminus under exp jnt.	1	7
C7.2. Edge of Floor:	Efflor. under light pole @ NW; reg. spaced trans cracks w efflor.	1	8
C8. Wearing Surface:	Minor cracking; areas w honeycombing, other areas ground down; 2 spalls (1 sqft each) @ E.	1	8
C9. Curbs/Sidewalks:	Widespread minor pop-outs.	1	8
C11. Railing:	Vert. and horiz. cracks with ext. efflor. and intial concrete deter. & rust staining in the GM barrier spall @ N adjacent to barrier pull box w large loose piece of concrete; S curb w isol spalling & vegetation growing; widespread chalking/fading, isol. Corr. On the metal railing; conc. Barrier controls this rating.	2	6
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	5 scuppers with downspouts - all appear open. On the sidewalk, some areas appear to drain towards the GM barrier.	1	8
C13. Expansion Joints:	Debris; E joint strip seal leaking @ center of joint.	1	7
N58. Deck Summary:	**Summary Rating:**		**7**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Center beam has shorter BF than other beams @ E end; area of thicker beam section over center pier has vertical stiffeners on 1 side of beam only, other areas have stiffeners only @ diaphram connections.	1	8
C16. Diaphragms/X-Frames:	Rust @ top horiz @ 2nd from E @ S (under deck crack); possible warped diaphrams @ bottom horiz, bending toward W @ center of bays?; webs of some diaphrams members appear to be dented; slight seperation of diaphram members from gussets (gusset bent between top and bottom welds of diaphram members).	1	7
C18. Floor Beams:	Only at the East end where the bridge meets the transit bridge. (FC report)	1	8
C26. Bearing Devices:	Minor corrosion at the East pier.	1	8
C30. Protective Coating System (PCS):	**System:** **Year:** **PCS Rating:**		8
	(2000) Foreign material embedded in the paint; paint accumalation at the bottom of the stiffeners; workmanship issues.		
C32. Fatigue Prone Details:		1	8
N59. Superstructure Summary:	**Summary Rating:**		**8**

Bridge Inspection Report | *Routine Inspection*

SFN: 3160688

Second Street over Transit Center - West Approach

Date Inspected: 06/04/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: R. Reising

Bridge No.: CITY (BP) #61

C37. Pier Caps:	HL vertical & diagonal over center column w minor efflor.	1	8
C38. Pier Columns:	Isolated honeycombing; scratch marks from traffic; S sidewalk @ center pier is cracked & heaved; "ladder" HL cracking @ E columns, no delams detected.	1	8

N60. Substructure Summary: **Summary Rating: 8**

C55. Warning Signs:		1	8
C56. Sign Supports:	Mortar deterioration & efflor @ sign & light pole bases (see item 11); surface corrosion; leveling nuts rusted where exposed.	2	6

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **8 A**

Inspection Notes: Bridge vibratation is noticable under traffic; latest FC inspection of E FB Sept 2019.

General Notes: 2020 element level data available.

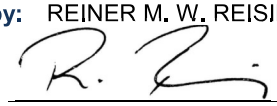
Recommended Maintenance:	**Assigned to:**
1. Consider repair/replacement of G.M. barriers.	Contract
2. Consider repair of E joint gland @ center.	Contract

Bridge Inspection Report | *Routine Inspection*

SFN: 3161188

Settle Street Bridge over Little Duck Creek **Date Inspected:** 04/06/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 7 A

Signature: 

Bridge No.: CITY (BP) #62

QA/QC Inspector: BRANDON M. LECRONE, P.E.

Signature: 

Route: SETLE **Unit:** 4753 **Bridge Type** 231 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1996 /

Load Rating Percent 150

Inspection Information

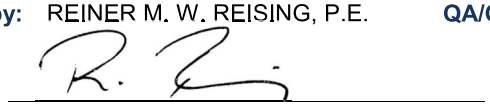
		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Algae(?) or lichen growing on underside.	1	8
C7.2. Edge of Floor:	Widespread staining, HL cracking at railing pilasters w very little efflor.	1	8
C8. Wearing Surface:	Hairline longitudinal cracks; reflective of beams; 15 sqft delam in center of roadway @ N abutment around center crack; +/- 1Ssqft delam in center 15 ft north of South abutment.	1	7
C9. Curbs/Sidewalks:	Transverse cracks in walks; some cracks w efflor. in curbs.	1	7
C11. Railing:	Hairline vertical cracks (typical); widespread staining, lichen, & bugholes; light coating apparently at 3 NW most panels only,flaking.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	0		
C12. Drainage:	Off bridge.	1	8
C13. Expansion Joints:	Leaking @ curbs/fascias where no joint gland; moist styrofoam behind box beams.	1	7
N58. Deck Summary:	**Summary Rating:**		**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	See item "7.1 Floor." Single long. hairline cracks in the centers of most beams (max measured width 0.004"), most noticible in beams 2- 5 from W; no leakage between beams.	1	8
C26. Bearing Devices:	Mostly concealed, good contact where visible.	1	8
N59. Superstructure Summary:	**Summary Rating:**		**8**
C33. Abutment Walls:	Evidence of leakage at the top of the walls esp @ NW. Isolated vertical cracks w efflor: 3 full heihgt cracks w moisture originating from weepholes at S abutment; 4 full height cracks also at weepholes at N with few shorter (< 1ft) HL cracks originating from abutment seat. Staining from joint leakage at N abutment intermittened over entire length. 1 weephole below water level.	1	7
C39. Backwalls:	Mostly concealed.	1	8
C40. Wingwalls:		1	8

Bridge Inspection Report | *Routine Inspection*

SFN: 3161188

Settle Street Bridge over Little Duck Creek **Date Inspected:** 04/06/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 7 A

Signature: 

Bridge No.: CITY (BP) #62

QA/QC Inspector: BRANDON M. LECRONE, P.E.

Signature: 

C42. Scour:		1	8
Scour Inspection Type	1		
N60. Substructure Summary:	**Summary Rating:**		**7**
C51. Channel Alignment:	Channel straight for more than 100 ft upstream, at normal flow levels channel is within concrete walls.	1	8
C52. Channel Protection:	Concrete walls adjacent to bridge.	1	8
C53. Hydraulic Opening:		1	9
N62. Channel Summary:	**Summary Rating:**		**8**
C1. Pavement:	Map cracking and scaling of the asphalt; initial pothole forming at S.	2	6
C2. Approach Slabs:	Cracks perpindicular to backwall, 3@ North with 1 minor spall at backwall, 2 cracks at S.	1	7
C4. Embankment:		1	8
C5. Guardrail:	Wood with initial signs of aging. Slightly loose block at the NE.	1	8
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	1		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	1		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	1		
C6. Approaches Summary:	**Summary Rating:**		**6**
C57. Utilities:	Spare conduits (2" diam PVC) installed in the curbs, one on each side of the bridge.		
	Utilities On Structure: N N N N N N N		
65. Vertical Clearance:	**Vert. Clearance Rating:**		N
N59. General Appraisal and Oper. Status:	**General Appraisal / Operational Status:**		**7 A**

Bridge Inspection Report | *Routine Inspection*

SFN: 3161188

Settle Street Bridge over Little Duck Creek

Date Inspected: 04/06/2021

Inspected by: REINER M. W. REISING, P.E.

QA/QC Inspection? ☑

Summary Rating / Operational Status 7 A

Signature:

Bridge No.: CITY (BP) #62

QA/QC Inspector: BRANDON M. LECRONE, P.E.

Signature:

Recommended Maintenance:		Assigned to:
1.	Pressure wash railings and seal with silane.	TROD
2.	Seal wearing surface with HMWM.	TROD
3.	Clean and replace joint seals with hot applied asphalt.	TROD
4.	Add backer rod and joint material in W curbs.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3102831

Sixth Street Expressway Pedestrian Bridge West of Harriet **Date Inspected:** 06/18/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature: R. Reising **Bridge No.:** CITY (BP) #63

Route: 50 **Unit:** 1936 **Bridge Type** 322 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1965 /

Load Rating Percent 000

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Few trans. cracks w minor efflor; spalling & efflor. @ TF's.	1	7
C7.2. Edge of Floor:	Few stalactites @ fascia; patches with efflor. at VPF posts (retrofit), cracks & minor spalls @ VPF posts.	2	6
C9. Curbs/Sidewalks:	Popouts; minor shrinkage cracks; cracks, spalls and delaminations developing @ bases of VPF posts; surface scaling.	1	7
C11. Railing:	VPF installed (1994); paint peeling @ stair handrail where painted; 1 post @ W lifted 2"; kickplate fasteners broken adjacent to lifted rail post; several handrail post welds cracked at baseplates; almost all railing fasteners corroding due to non-matching metals.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	2 drain openings spill onto shoulder of road.	1	9
C13. Expansion Joints:	C/P's slightly offset @ W side of N exp. jt. bet. bridge deck & stairway; minor spalls @ N & S jt. armor; conflict between coverplate & base of stair railing @ NW.	1	7
N58. Deck Summary:		**Summary Rating:**	**7**
C14. Alignment of Members:	Horiz. misalignment of W beam - S span @ midspan (impact ?).	1	7
C15.1. Beams/Girders:	Several scrapes on BF; W beam @ S bent (SEE ITEM C14); numerous corr cells w minor pitting; BF cover plate @ center pier E side, corroding w pack rust between plate & beam.	2	6
C26. Bearing Devices:	Very minor corr. @ N; light visible under NW bearing.	1	7
C30. Protective Coating System (PCS):	**System:** OZEU **Year:** 1994 **PCS Rating:** 4 Scrapes (impact) on BF's & widespread active corrosion (95% of length has corrosion issues somewhere around circumfence); E beam over N pier & bearing has wide paint cracks.		
C32. Fatigue Prone Details:	(Cover plates @ pier, beam splice over pier); rough welds @ cover plate ends.	1	8
N59. Superstructure Summary:	**Not redundant; fatigue prone; noticable vibration from traffic below.**	**Summary Rating:**	**6**
C36. Pier Walls:	Thorosealed (1993); very minor HL cracking.	1	8
C37. Pier Caps:	Thorosealed (1993); minor spall w exp. reinf. (< 1 SF) @ N; staining.	1	8
N60. Substructure Summary:		**Summary Rating:**	**8**

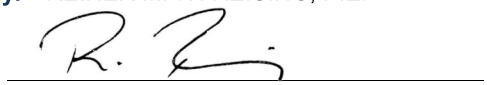
Bridge Inspection Report | *Routine Inspection*

SFN: 3102831

Sixth Street Expressway Pedestrian Bridge West of Harriet **Date Inspected:** 06/18/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 A

Signature: 

Bridge No.: CITY (BP) #63

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **6 A**

Inspection Notes: Stairs @ have minor delaminations near supports; water stains on bottom.
S pier area severely undermined by groundhogs.
Bottom of N & S stair handrails replaced w/ steel; individual tubes rusting, deforming.

General Notes: HAM-50-1936

Recommended Maintenance:		**Assigned to:**
1.	Cut vegetation from railing and landing @ S and below S approach.	TROD
2.	Consider applying membrane on the deck and curbs.	TROD
3.	Notch joint cover plate @ NW to allow proper expansion around railing base.	TROD
4.	Repair broken welds @ handrail post bases.	Contract
5.	Reset/lower 6th post from N @ W VPF & clear drainage of posts.	TROD
6.	Then replace/repair kick plate fasteners.	TROD
7.	Seal/caulk around all railing post sleeves(vandal fence).	TROD
8.	Repair perforated portion of handrail @ S steps (center of steps).	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3162753

Sonoma Court Culvert

Date Inspected: 04/14/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: R. Reising

Bridge No.: CITY (BP) #64

Route: SONOM **Unit:** 0001

Bridge Type 195 / NNN (Main/Approach Spans)

Date Built / Date Rehabbed: 2004 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N): 0			
C44. Culvert - General:	Lift holes not fully grouted; minor staining; very minor spalling & delams around liftholes; very few short HL cracks @ top of culvert.	1	8
C45. Culvert - Alignment:		1	8
C47. Culvert - Seams:		1	8
C48. Culvert - Head/End Walls:	Minor staining & moss on headwalls & WW's; isol. HL crack w efflor. @ US wingwall. Vertical offset of wings toward headwalls (3" @ SE).	1	8
C49. Culvert - Scour:		1	8
Culvert Scour Inspection Type: 1			
N60. Culvert Summary: **Widespread white longitudinal scrape marks.**		**Summary Rating:**	**8**
C51. Channel Alignment:		1	7
C52. Channel Protection:		1	8
C53. Hydraulic Opening:	Minor silt & debris build up inside of culvert.	1	7
N62. Channel Summary:		**Summary Rating:**	**7**
C1. Pavement:	Few cracks (transverse to roadway), do not appear culvert related.	1	8
C4. Embankment:	Overgrown, and maintained grass.	1	8
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N			
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N			
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N			
C6. Approaches Summary:		**Summary Rating:**	**8**
65. Vertical Clearance:		**Vert. Clearance Rating:**	N
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**8 A**

Bridge Inspection Report | *Routine Inspection*

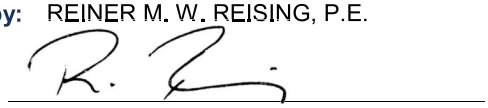
SFN: 3162753

Sonoma Court Culvert

Date Inspected: 04/14/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: 

Bridge No.: CITY (BP) #64

Inspection Notes: Stormwater outfall pipes @ DS WW's. W & E pipe @ S headwall below ground level.

Bridge Inspection Report | *Routine Inspection*

SFN: 3161528

Southside Avenue over Conrail/CSX

Date Inspected: 07/20/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: R. Reising

Bridge No.: CITY (BP) #65

Route: SOUTH **Unit:** 0673 **Bridge Type** 322 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1992 /

Load Rating Percent 140

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Widespread transverse cracks with efflor. - esp. in negative moment region.	1	7
C7.2. Edge of Floor:	Many transverse cracks with efflor. - originating often from railing control joints.	1	7
C8. Wearing Surface:	Many transverse cracks; some long. cracks; no delams detected.	1	7
C9. Curbs/Sidewalks:	Spall near the N exp. joint; vert. cracks in curb/trans. at walk - esp in negative moment region continuing from wearing surface; long. cracks in sidewalk over pier; popouts in walk.	1	7
C11. Railing:	Cracking w efflor. @ mid height of GM barrier (bot. of control joints); railing @ NW approach continously hit, w cracked conc; NW approach railing not considered for rating; N most fence post bent from impact.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C12. Drainage:	Both inlets are completely clogged; water apparently still able to run off due to the slope of the bridge; horiz. drain pipe lower than abutment pipe stub causing standing water in pipe.	3	3
C13. Expansion Joints:	Widespread shallow spalling along joint header, no apparent leakage; squeeking sound @ SW exp. jnt. under truck loads; sidewalk cover plates corroding; joinst filled w debris.	1	7

N58. Deck Summary: **Widespread staining over tracks.** **Summary Rating:** **7**

C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Initial corr. at TF where deck is cracked; minor surface corrosion elsewhere; sev. staining over tracks & some corr. over tracks; no measurable section loss.	1	8
C16. Diaphragms/X-Frames:	Widespread chalking; isol corr cells w no considerable LOS.	1	7
C26. Bearing Devices:	Partially assumed rating; some achor bolts bent or lifted.	1	8

C30. Protective Coating System (PCS): **System:** ZV 4 **Year:** 1992 **PCS Rating:** 6

Widespread chalking; light surface corrosion; active corrosion at TF (see beam) & @ distinctive BF locations (where beams were supported?)

N59. Superstructure Summary: **Widespread staining over tracks.** **Summary Rating:** **8**

C33. Abutment Walls:	Few vert. HL cracks @ top of abutments w very little efflor.	1	8
C36. Pier Walls:	Steel corner angles included in bottom of wall; minor crack w small delam @ NW.	1	8
C37. Pier Caps:		1	8
C39. Backwalls:	Staining; spalling around header esp @ N and minor cracking at top.	1	7
C40. Wingwalls:	Veg. growing bet. MSE panels; graffiti; settlement of MSE wall portion (3.25" @ SE, 3.5"	1	7

Bridge Inspection Report | *Routine Inspection*

SFN: 3161528

Southside Avenue over Conrail/CSX **Date Inspected:** 07/20/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: _____ **Bridge No.:** CITY (BP) #65

@ SW) appears to have stabilized; long. cracking in pvmt. and gaps bet. approach walk and curb indicate possible rotation of walls (assumed to have stabilized but will be monitored).

N60. Substructure Summary: **Summary Rating: 8**

C1. Pavement: Wide map cracking turning into grooves where vegetation is growing (long. cracks may be related to WW rotation); pothole forming @ N center. 2 6

C2. Approach Slabs: Many cracks perpinducular to backwall; one wider crack (0.05") in S approach slab curb spall @ SW. 1 7

C4. Embankment: 1 8

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): 1

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): 1

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): 1

C6. Approaches Summary: **Railing on MSE wall settled 3.25" @ SE and 3.5" @ SW compared to railing over tieback wall.** **Summary Rating: 6**

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **8 A**

Inspection Notes: 2020 element level report available.

Recommended Maintenance:		Assigned to:
1.	Remove veg. from WW's, substructure, & sidewalks (clear 10' wide strip to allow for wall inspection).	TROD
2.	Seal control joints in GM barriers and railing parapets with watertight expansion material (Sikaflex).	TROD
3.	Clean inlets.	Stormwater
4.	Seal railings and GM barriers with silane.	Contract
5.	Seal deck with HMWM.	Contract

Bridge Inspection Report | *Routine Inspection*

SFN: 3161285

Spring Lawn Avenue Bridge over Branch of Ludlow Run **Date Inspected:** 06/01/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 5 P

Signature: _____ **Bridge No.:** CITY (BP) #66

Route: SPGLN **Unit:** 2981 **Bridge Type** 171 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1925 /

Load Rating Percent 100

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Widespread, mostly long. HL cracks with sig efflor, stalactites; large portions gunnite repaired (middle third of bridge); rust stains; delams @ S near fascia (See item 15); widespread exposed +/-3" long rebar (standoffs ?); worst condition within 5' of headwall on both sides.	2	5
C7.2. Edge of Floor:	Heavy efflor, stalactites, cracking, delam and large spall @ S (4 ft long), with exposed rebar and LOS to bar.	3	4
C8. Wearing Surface:	Full width cracks reflective at ends of bridges turning into map cracking; asphalt overlay on bridge sounds hollow but rides smoothly; 3 long. cracks w adjacent map cracking.	1	7
C11. Railing:	Concrete railing with widespread severe spalling at bottom w. exposed rebar; N railing leaning outward.	3	4
N36. National Safety Feature - Bridge Railing (0, 1 or N):	0		
C12. Drainage:	Off bridge; debris at bottom of railing traps water.	1	7
N58. Deck Summary:		**Summary Rating:**	**5**
C14. Alignment of Members:		1	8
C15.2. Slab:	Large portions covered with gunnite (center 1/3of bridge); cracking w efflor. and stalactites, rust staining elsewhere; delam @ S. see item Floor 7.1 & 7.2.	2	5
N59. Superstructure Summary:		**Summary Rating:**	**5**
C33. Abutment Walls:	Gunnite coated, widespread built-up of efflor. At vert. cracks; some areas of delam gunite.	2	6
C40. Wingwalls:	Cracking and spalling, efflor & vertical cracks; delam & spall w exposed rebar @ NW.	2	5
C42. Scour:	Small scour hole US exposing portions of the vertical bottom slab {+/- 2'}, but no undermining; stream bed under bridge- gunite covered w some cracking & delams.	2	6
Scour Inspection Type	1		
N60. Substructure Summary:	**Mostly covered by gunite partially assumed rating.**	**Summary Rating:**	**6**
C51. Channel Alignment:	Slight curve US & DS of bridge	2	6
C52. Channel Protection:	Undermining of poured concrete and blocks DS of bridge; slumping of banks US w trees fallen.	2	6
C53. Hydraulic Opening:	Severly vegetated channel DS & US.	2	5
N62. Channel Summary:		**Summary Rating:**	**5**

Bridge Inspection Report | *Routine Inspection*

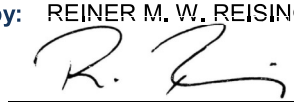
SFN: 3161285

Spring Lawn Avenue Bridge over Branch of Ludlow Run

Date Inspected: 06/01/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 5 P

Signature: 

Bridge No.: CITY (BP) #66

C1. Pavement:	Smooth riding despite few trans. Cracks & hollow sounding areas.	1	8
C4. Embankment:	Severly overgrowing; possible erosion of riprap DS; some minor erosion @ bridge ends @ US side.	2	6
C5. Guardrail:	Widespread minor dents & previous impact w leaning posts @ NW; no blockouts to GR on bridge.	2	6

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): 0

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): 0

C6. Approaches Summary: **Summary Rating: 6**

C56. Sign Supports:	EV posting	1	9

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status: 5 P**

Inspection Notes: Element level inspection 2020 on file.

General Notes: Posted for EV in 2019.

Recommended Maintenance:	**Assigned to:**
1. Consider bridge replacement	Contract
2. Sweep deck (esp at bottoms of railings)	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3161331

Stillwell Road Bridge over Amberly Creek (North of Summit) **Date Inspected:** 06/16/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 5 P

Signature: R. Reising **Bridge No.:** CITY (BP) #67

Route: STILL **Unit:** 4011 **Bridge Type** 111 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1954 /

Load Rating Percent 100

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Gunite repaired 1987 in 2 long. Sections; spalling around the drains; 5 distinct full length long. Disturbances (crack, delam, rust staining, & stalactites); several qualify as wide cracks; widespread mottling.	2	5
C7.2. Edge of Floor:	Delamination & spalling; map cracking ASR w efflor and stalactites esp. @ W.	2	5
C8. Wearing Surface:	Few HL cracks (mostly long.); asphalt stains.	1	7
C9. Curbs/Sidewalks:	Crushing w large spalled areas at ends w deep spalls & asphalt patches; several areas of sidewalk patches (cracking); bottom of curb spalling.	2	5
C11. Railing:	Rusting throughout; dent in handrail @ SW.(3ft)	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	0		
C12. Drainage:	6 inlets, tend to cover w debris.	1	8
N58. Deck Summary:		**Summary Rating:**	**5**
C14. Alignment of Members:		1	8
C15.2. Slab:	See item 1.	2	5
N59. Superstructure Summary:		**Summary Rating:**	**5**
C33. Abutment Walls:	+/- 5 vert. cracks per abutment with efflor.(built up); isol. Rust staining.	2	6
C40. Wingwalls:	Cracking with efflorescence; full height diag. map cracking (2' wide) @ SW {ASR ?}; sound patches & efflor build up @ corner to abutment.	2	6
C42. Scour:	Bridge has concrete channel bottom (covered with sediments).	1	9
Scour Inspection Type	1		
N60. Substructure Summary:		**Summary Rating:**	**6**
C51. Channel Alignment:	Straight alignment confined in concrete walls.	1	8
C52. Channel Protection:	Conc. walls & rip rap; concrete channel bottom under bridge.	1	8
C53. Hydraulic Opening:		1	9
N62. Channel Summary:		**Summary Rating:**	**8**

Bridge Inspection Report | *Routine Inspection*

SFN: 3161331

Stillwell Road Bridge over Amberly Creek (North of Summit) **Date Inspected:** 06/16/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 5 P

Signature: _____ **Bridge No.:** CITY (BP) #67

C1. Pavement:	{2018} Very minor short trans cracks.	1	8
C4. Embankment:	Undermined sidewalk @ SW bridge end.	2	6
C5. Guardrail:	Timber aging.	1	7

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): 0

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): 1

C6. Approaches Summary: **Summary Rating:** **6**

C57. Utilities:	Gas line has 1 loose support & 1 severly corroded, protective coating is failing on the utility; rusting of E utility @ bottom; W most drain pipe @ S abutment sunk below outlet elevation.	3	4

Utilities On Structure: N Y N N N Y N

N59. General Appraisal and Oper. Status: **Posted (new signs installed 6-2019).** **General Appraisal / Operational Status:** **5 P**

Inspection Notes: 2020 Element Level Data available.

Recommended Maintenance:	**Assigned to:**
1. Plan for curb replacement.	TROD
2. Repair gas main attachment.	Private Utility
3. Seal deck.	TROD
4. Replace fence post caps (4 @ W).	TROD
5. Discuss void filling @ SW.	TROD

Bridge Inspection Report | *Routine Inspection*

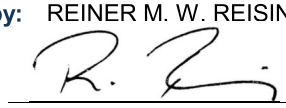
SFN: 3160005

Van Hart Street over Lick Run

Date Inspected: 09/09/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: 

Bridge No.: CITY (BP) #68

Route: **Unit:** **Bridge Type** / **Date Built / Date Rehabbed:** /

Load Rating Percent **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	See item Beams.		
C7.2. Edge of Floor:	Sealed/painted.	1	9
C8. Wearing Surface:	2 long. reflective cracks +/- 5' from each curb.	1	8
C9. Curbs/Sidewalks:	Closely spaced vert. HL cracks in curb; spalls @ exp. jnt. cover plate; sidewalk largely concealed by concrete barriers.	1	8
C11. Railing:	Widespread paint issues (fins/tears). (Touchup paint has different sheen than the original paint).	1	9
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C12. Drainage:	Off bridge.		
C13. Expansion Joints:	Filled w debris.	1	9
N58. Deck Summary:	**Splashed conc. throughout needs cleaned up.**	**Summary Rating:**	**9**
C14. Alignment of Members:		1	9
C15.1. Beams/Girders:	Composite box beams; long. cracking observed in many beams 1,2,3,4,11,& 12 from E (under walks), some w multiple parallel cracks smaller than 0.01 (possibly related to const. activity and staging).	1	7
C26. Bearing Devices:	Mostly concealed elastomeric.	1	9
N59. Superstructure Summary:		**Summary Rating:**	**7**
C33. Abutment Walls:	Several full height HL cracks; sealed w colored sealer (not like Grand or Kebler)	1	8
C39. Backwalls:	Only visible from top; trans cracks @ top; small spalls @ approach side.	1	8
C40. Wingwalls:	Former paint/sealer removed.		
N60. Substructure Summary:		**Summary Rating:**	**8**
C51. Channel Alignment:	As designed, manmade.	1	9
C52. Channel Protection	Combination of racks, filter fabric, and plants being installed.	1	9
C53. Hydraulic Opening:	As designed.	1	9
N62. Channel Summary:		**Summary Rating:**	**9**

Bridge Inspection Report | *Routine Inspection*

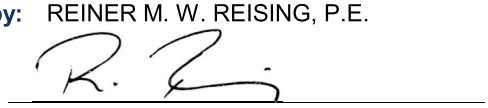
SFN: 3160005

Van Hart Street over Lick Run

Date Inspected: 09/09/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: 

Bridge No.: CITY (BP) #68

C1. Pavement: Asphalt; 2 cracks @ N, 1 full width, 1 half width. 1 8

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **Broken curb @ SE & NW approach needs to be replaced.** **Summary Rating:** **8**

C57. Utilities: No duct banks but PVC pipe protruding through N abut wall feeding light below bridge.

Utilities On Structure:

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 A**

Recommended Maintenance:		Assigned to:
1.	Replace broken curbs @ SE & NW.	Contract
2.	Seal interface of pavement w backwall, w hot applied material @ N.	Contract
3.	Consider sealing wider wearing surface cracks.	Contract

Bridge Inspection Report | *Routine Inspection*

SFN: 3161374

Victory Parkway Pedestrian Overhead South of I-71

Date Inspected: 06/16/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 A

Signature: R. Reising

Bridge No.: CITY (BP) #69

Route: VCTRY **Unit:** 3691 **Bridge Type** 322 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1972 /

Load Rating Percent 000

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Minor spall under drain @ pier; few trans. HL cracks, some w minor efflor.	1	8
C7.2. Edge of Floor:	Isol. trans.HL cracking, very few w minor efflor; rust stains from rebar standoffs.	1	8
C9. Curbs/Sidewalks:	Minor trans. cracks, esp near pier, popouts; some minor spalls.	1	7
C11. Railing:	Minor rusting throughout; paint fading & wearing; slight waviness in top of railings; conc around end posts delaminated/cracked (@ both ends); new VPF @ W (ODOT 2017)	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	2 inlets on bridge; both open.	1	8
C13. Expansion Joints:	Sliding plates, no gland by design; dirt accumalating; minor cracking @ the headers.	1	8

N58. Deck Summary: **Summary Rating: 8**

C14. Alignment of Members:	Poss. slight horiz. misalignment of beams @ SE splice.	1	7
C15.1. Beams/Girders:	Widespread minor rust cells- esp. @ BF's; pitting of webs & BF's @ stiffners (worse pitting over pier & @ splices); concrete splashes on W beam from ODOT construction.	2	6
C16. Diaphragms/X-Frames:	Spot rust w no noticed LOS; pitting of webs @ pier.	1	7
C26. Bearing Devices:	LOS @ anchor bolts; severe corr. & packrust esp. @ W.	2	5

C30. Protective Coating System (PCS): **System:** OZEU **Year:** 1992 **PCS Rating:** 3

Widespread peeling of top coat; freckled rust & fading throughout esp. on BF's; heavy pack rust @ vert. stiffners, esp @ W beam and over pier.

N59. Superstructure Summary: **Fatigue prone, not redundant.** **Summary Rating: 6**

C33. Abutment Walls:	Very minor rust stains - apparently caused by water coming thru exp. jt. @ S; horiz. HL cracks @ N.	1	8
C37. Pier Caps:	Small spall w exp. reinf. due to low cover; staining from earlier drain issue.	1	8
C38. Pier Columns:	Minor HL cracking; some minor patching; minor bugholes.	1	8
C39. Backwalls:	Stained.	1	8
C40. Wingwalls:	Minor efflor. @ const. joints; vertical H/L cracks @ NE railing posts; joint material missing @ interface w abutment.	1	8

N60. Substructure Summary: **Summary Rating: 8**

Bridge Inspection Report | *Routine Inspection*

SFN: 3161374

Victory Parkway Pedestrian Overhead South of I-71

Date Inspected: 06/16/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 A

Signature: R. Reising

Bridge No.: CITY (BP) #69

65. Vertical Clearance: 15'-4".

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: **6 A**

Inspection Notes:
New "Jersey" barrier in median of Victory Pkwy protecting pier columns (2016).
New VPF by ODOT (2017).
Element Level data available for 2020 inspection.
New 2021 light fixture @ N side of pier cap (2021?, battery operated?)

Recommended Maintenance:		Assigned to:
1.	Consider repainting bridge.	Contract
2.	Consider sealing wearing surface or applying membrane.	TROD
3.	Cut vegetation from rails & wingwalls.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3162702

West Eighth Street Bridge over Fairbanks Avenue

Date Inspected: 07/13/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: R. Reising

Bridge No.: CITY (BP) #70

Route: EIGHT **Unit:** 0175 **Bridge Type** 322 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1955 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Many spalls, several w exposed rebar in main span (center bay & fascia bays), few others in approaches esp near jnt.; patches, many failed, trans cracking, few w efflor some long. w efflor; several delaminated areas (not over traffic); mottling under curbs; minor rust staining under N curbs; widespread HL map cracking.	2	6
C7.2. Edge of Floor:	Some cracks w efflor; sound patches; small spall w exp rebar @ N over traffic (vertical face)	1	7
C8. Wearing Surface:	Few trans/ diagonal HL cracks mostly @ bridge ends; 2 small delams detected by sounding.	1	8
C9. Curbs/Sidewalks:	Few HL trans cracks; 1 delaminated area in walk @ N center.	1	7
C11. Railing:	Pedestals cracking; minor chips/popouts.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C12. Drainage:	Off the bridge; abut. weep hole @ NW not draining; ponding on approach slabs @ NE.	1	7
C13. Expansion Joints:	Compression seals; spalled conc under the jnts; jnts tight; W seal (exp. End) is bulging out & shredded in sev places; minor spalling around headers @ W, E seal fixed,very tight but torn; railing almost touching over jnt @ SW; some leaking thru joint @ NW.	1	7
N58. Deck Summary:		**Summary Rating:**	**6**
C14. Alignment of Members:	Slight offset (vert. kink) @ beam splices @ center span (visible @ cover plates).	1	7
C15.1. Beams/Girders:	Seperating from deck @ corners w apparent laminating TF; isol small areas of corr.; 2nd beam from N @ E splice in main span has slight offset w apparent bend in BF coverplate.	1	7
C16. Diaphragms/X-Frames:	Corrosion at the ends, severe under telephone ducts(former duct banks).	1	7
C26. Bearing Devices:	Corrosion @ W abutment throughout; 3 N most bearings @ E abutment (due to leaking utility ducts); pier bearings appear in very good condition.	2	6
C30. Protective Coating System (PCS):	**System:** **Year:** **PCS Rating:** 7 Issues under utilities, cross frames, & bearings.		
C32. Fatigue Prone Details:	Minor corr @ cover plate welds.	1	8
N59. Superstructure Summary:		**Summary Rating:**	**7**

Bridge Inspection Report | *Routine Inspection*

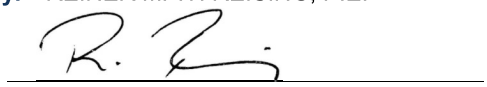
SFN: 3162702

West Eighth Street Bridge over Fairbanks Avenue

Date Inspected: 07/13/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: 

Bridge No.: CITY (BP) #70

C33. Abutment Walls:	Stubs; coated, areas of coating delamination; widespread discoloration; chipped corner under E utility; conc crumbling @ E between bearings 1 & 2 from N caused by leak of utility; staining @ W abutments @ utilities & SW corner.	1	7
C37. Pier Caps:	Coated.	1	8
C38. Pier Columns:	Coated; walk cracked around all 4 columns.	1	8
C39. Backwalls:	Cracking at the W abut; spalled conc under the jnt at the E abut; crack w efflor @ utility protrusion & rust staining.	1	7
C40. Wingwalls:	Staining.	1	7
C43. Slope Protection:	Steep conc.	1	8

N60. Substructure Summary: **Summary Rating: 7**

C1. Pavement:	Rutting at the approachs; map cracking; manhole sinking; (E bound lanes repaved +/- 10' adjacent to approach slabs).	2	6
C2. Approach Slabs:	Longitudinal cracks, many epoxy injected (2015), apparently not @ SW; crack sealer breaking up; delam between cracks @ SW (approach slab)	2	6
C4. Embankment:	Overgrown; some bare soil adjacent to steps.	1	7

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): 0

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): 0

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): 0

C6. Approaches Summary: **Summary Rating: 6**

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status: 7 A**

Inspection Notes: Former leaking telephone conduits removed 2019 and are leaking throughout @ both abutments. Vibration noticable under vehicle traffic.

Recommended Maintenance:	**Assigned to:**
1. Fill/cap utility conduits stubs @ abutments. (hydraulic cement)	TROD
2. Consider sealing wearing surface.	TROD
3. Consider patching E abutment where conc damaged.	Contract

Bridge Inspection Report | *Routine Inspection*

SFN: 3162656

West Eighth Street Bridge over Woodlawn Avenue **Date Inspected:** 07/13/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature: _____ **Bridge No.:** CITY (BP) #71

Route: EIGHT **Unit:** 0181 **Bridge Type** 321 / NNN **Date Built / Date Rehabbed:** 1955 /

Load Rating Percent 150 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	HL cracks & patches; widespread map cracking, ext. rust staining, & leakage under N curb w efflor & stalactites; mottling under center const. jnt.	2	6
C7.2. Edge of Floor:	Spalling @ expansion jnts. over pier; exposed rebar @ NW.	1	7
C8. Wearing Surface:	Very minor cracking.	1	8
C9. Curbs/Sidewalks:	Horiz const. jnt. w delam in N curb/walk (constr. joint?).	1	7
C11. Railing:	Widespread popouts; some cracks & spalls; deterioated posts (1 w exp rebar).	2	6
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C12. Drainage:	Off bridge.	1	8
C13. Expansion Joints:	Compression seals: mostly tight; severe bulging @ center & along curbs; spalling around header; cuts & tears; spalling @ jnt. armor.	2	6

N58. Deck Summary: **Summary Rating: 6**

C14. Alignment of Members:	Beams in main span slightly sagging esp N fascia.	1	7
C15.1. Beams/Girders:	Seperation of deck from TF @ fascia's, w corr @ TF's; 1/2" gap in approach span @ S over 75% of beam length; noticable deflection of fascia beams in main span.	1	7
C16. Diaphragms/X-Frames:	Rusting @ pier & W abutment.	1	7
C26. Bearing Devices:	Widespread corr esp @ fascia bearing & all pier bearings; pack rust @ mason plates over pier.	2	6
C30. Protective Coating System (PCS):	**System:** **Year:** **PCS Rating:** 7 Scrapes @ SE fascia beam; rusting under joints & fascia beams.		
C32. Fatigue Prone Details:	Coverplates.	1	7

N59. Superstructure Summary: **Summary Rating: 7**

C33. Abutment Walls:	Coated @ W w some delams; conc patches on masonry @ E w some delam areas.	1	7
C34. Abutment Caps:	E only; minor staining.	1	8
C37. Pier Caps:	Wider horiz cracks w rust staining at cantilevers on W side of pier; patches, some unsound; 1 spall w exp rebar @ NE; 1 SF delam; various minor delams; rust staining from runoff.	2	6
C38. Pier Columns:	Coated; isol flaking of coating & small delams.	1	7
C39. Backwalls:	Cracking at the W backwall near the utilities; spalling along the edges of exp jnt.; diag. cracks w efflor @ N & S end of backwall (vertical face).	1	7

Bridge Inspection Report | *Routine Inspection*

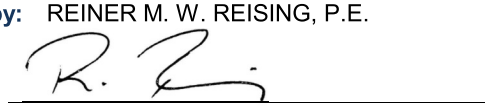
SFN: 3162656

West Eighth Street Bridge over Woodlawn Avenue

Date Inspected: 07/13/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 A

Signature: 

Bridge No.: CITY (BP) #71

C40. Wingwalls:	Cracking & efflor; cracking of the shotcrete at the NE; coated @ W; conc det. & deep spall @ corner @ SE.	2	6
C43. Slope Protection:	Step railing elements missing on the W side of the bridge.	1	8

N60. Substructure Summary: **Summary Rating: 6**

C1. Pavement:	Potholes forming; rutting; map cracking (some sealed) apparent settlement @ E (1").	2	6
C2. Approach Slabs:	E approach slab breaking up @ E end where pavement settled, w potholes forming long. cracks elsewhere.	2	6
C4. Embankment:	Overgrown w some bare soil around steps.	1	7

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): 0

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): 0

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): 0

C6. Approaches Summary: **Summary Rating: 6**

C57. Utilities:	Telephone line up against the bridge beams; telephone conduits cracked & not resting on all hangers. Vibration noticable under traffic.	2	6

Utilities On Structure: N N N Y N N N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **6 A**

Recommended Maintenance:		**Assigned to:**
1.	Plan for exp jnt replacement.	Contract
2.	Cut back vegetation from bridge railings.	TROD
3.	Add asphalt wedges @ E end of E approach slab.	TROD
4.	Seal curb, walk and gutter @ N w hot applied asphalt.	TROD
5.	Trim squeezed out exp. jnt. in walk @ SW.	TROD
6.	Remove tree @ SE growing against abutment.	TROD

County Bridges

Bridge Inspection Report | *Routine Inspection*

SFN: 3136388

Anthony Wayne Avenue Bridge over Mill Creek

Date Inspected: 10/28/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: R. Reising

Bridge No.: COUNTY #01

Route: ANTHY **Unit:** 3821 **Bridge Type** 322 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1992 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	HL map cracks; trans. cracks w efflor; mottling in bay 2 from N.	1	7
C7.2. Edge of Floor:	Many trans cracks w efflor., esp near pier.	1	7
C8. Wearing Surface:	MSC overlay (original const); several full length long. cracks & isol trans cracks; no delams detected (2021).	1	7
C9. Curbs/Sidewalks:	Trans. cracks in walk, wider but narrowly spaced over pier; s/w pitted; widespread shallow opouts.	1	7
C11. Railing:	Vert. cracks in concrete parapet, some w efflor, many full height; minor spalling front & back; several end tube C/P missing.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	10 scuppers - all open; bottom ends of d/s corroding.	1	7
C13. Expansion Joints:	Strip seals, filled w debris; cover plates & joint armor corr. w minor spalls in adjacent conc.	1	7
N58. Deck Summary:	**Summary Rating:**		**7**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Isol areas of initial corr. esp @ top and bottom flanges & splices.	1	8
C16. Diaphragms/X-Frames:		1	8
C26. Bearing Devices:	Some pier anchor bolts slightly bent.	1	8
C30. Protective Coating System (PCS):	**System:** OZEU **Year:** 1993 **PCS Rating:**	1	
	Ext. flaking and widespread top coat failure exposing green & white coats below; estimated 40% to 50% top coat failur, esp in W span; white coat in NW 3 beams, elsewhere green base coat,white base coat almost completely exposed.		
N59. Superstructure Summary:	**Redundant - not fatigue prone.** **Summary Rating:**		**8**
C33. Abutment Walls:	Vert. cracks @ E, 1 w minor efflor.; graffiti.	1	8
C36. Pier Walls:	HL cracks,1 with little efflor.	1	8
C37. Pier Caps:	Minor flex. cracks @ cantilevers; minor efflor. @ horiz. cold jt.	1	8
C39. Backwalls:	Some spalling @ topside; (seal to approach torn)	1	7
C40. Wingwalls:	New WW adj. to bridge @ E; old @ E walls further away have widespread deep spalling, large delam., and conc. Deter.; walls @ W are in satisfactory condition.	2	5
C42. Scour:		1	8

Bridge Inspection Report | *Routine Inspection*

SFN: 3136388

Anthony Wayne Avenue Bridge over Mill Creek

Date Inspected: 10/28/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: 

Bridge No.: COUNTY #01

Scour Inspection Type 1

N60. Substructure Summary:	**Inspection from channel, some substructure units not visible.**	**Summary Rating:**	**8**
C51. Channel Alignment:	Curve upstream.	1	8
C52. Channel Protection	Conc. wall in front of both abut.	1	9
C53. Hydraulic Opening:	Channel very wide under bridge.	1	9
N62. Channel Summary:		**Summary Rating:**	**8**
C1. Pavement:	Trans. & long. cracks - most sealed; widespread potholes and rutting.	2	5
C2. Approach Slabs:	Long. cracks, spalls @ backwall interface w compression seal partially torn & potholes forming @ former seal location.	1	7
C4. Embankment:	Steep, but well vegetated.	1	8
C5. Guardrail:	Slight impact damage but functional; block out missing @ NE; 1' long tear @ SW.	1	7

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): 1

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): 1

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): 1

C6. Approaches Summary:		**Summary Rating:**	**5**
65. Vertical Clearance:		**Vert. Clearance Rating:**	N
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**8 A**

Inspection Notes: Camp in front of E abutment 2021.

General Notes: Direction definition: Mill Creek goes S to N.

Recommended Maintenance:	**Assigned to:**
1. Clean & paint steel.	Contract
2. Consider sealing wearing surface & walks.	Contract
3. Trim trees touching bridge.	TROD
4. Replace missing GR block out @ NE.	TROD
5. Repair GR @ SW.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3136426

Beekman Street Bridge over West Fork Channel

Date Inspected: 08/03/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: R. Reising

Bridge No.: COUNTY #02

Route: BEEKM **Unit:** 2961 **Bridge Type** 321 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1912 / 1995

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Map cracking under E walk; diag. cracks w efflor leading from scuppers; trans. cracks, some w minor efflor esp. under W walk; some delam area's @ beam ends.	1	7
C7.2. Edge of Floor:	Trans. cracking w efflor.; vines growing @ SE & SW.	1	7
C8. Wearing Surface:	Diag. cracks @ all corners; many HL long. & trans. cracks; map cracking, still smooth riding, no delaminations detected.	1	7
C9. Curbs/Sidewalks:	Many trans. cracks & map cracking in walks; diag. crack in s/w from railing to approach slabs; minor widespread popouts; apparent curb undermining @ NW.	2	6
C11. Railing:	Decor. conc. (1995); isol. efflor.; widespread shrinkage cracks w efflor. @ base & crown of most windows; lichen/moss growth.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	4 inlets w d/s - all clean.	1	9
C13. Expansion Joints:	Thin compression seals; slightly torn & punctured.		

N58. Deck Summary: **Summary Rating: 7**

C14. Alignment of Members:		1	9
C15.1. Beams/Girders:	Initial corr. @ N & S abut. beam ends (flange corners on several interior beams(+/- 10 beam ends); isol @ bottom half of web @ backwalls; isol TF corr @ beam 3 from E under deck cracks.	1	8
C16. Diaphragms/X-Frames:	Birds nesting between crossframe members.	1	9

C30. Protective Coating System (PCS): **System:** IZEU **Year:** 1995 **PCS Rating:** 8

Isolated small area's rusting @ TF's and BF's @ beam ends of interior beams.

N59. Superstructure Summary: **Redundant; not fatigue prone.** **Summary Rating: 8**

C33. Abutment Walls:	Integral; widespread HL cracks, some w minor efflor. & other staining esp. @ bottom; graffiti on both abuts; ivy, moss (wide spread green staining); (visible facing 6" deep was added to original abutments in 1995); weep holes filling w gunk.	1	7
C39. Backwalls:	Small patch @ S; HL cracks w minor efflor.	1	8
C40. Wingwalls:	Cracks, some w efflor. & seepage. Esp. @ S; vines growing {poison ivy} @ S; mapcracking @ NW; WW @ SE seperating from abutment(cracked).	1	7
C42. Scour:	Conc. channel.	1	9

Scour Inspection Type 1

N60. Substructure Summary: **Summary Rating: 7**

Bridge Inspection Report | *Routine Inspection*

SFN: 3136426

Beekman Street Bridge over West Fork Channel **Date Inspected:** 08/03/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** COUNTY #02

C51. Channel Alignment:		1	9
C52. Channel Protection:	Wall: minor offset @ jts, cracks (several wider thru cracks) w seepage; channel bottom: cracks in floor w isol. deeper spalling @ jts.	2	6
C53. Hydraulic Opening:		1	9
N62. Channel Summary:	**Summary Rating:**		**6**
C1. Pavement:	Asphalt; cracks esp. @ S, breaking up @ edge of appr. slab, minor potholes forming; N in better condition.	1	7
C2. Approach Slabs:	Long. & trans. cracks esp. @ N, some wide (up to 0.08"); comp. seal bet. approach slab & deck torn @ some locs.	1	7
C4. Embankment:	Extremely steep, overgrown.	1	8
C5. Guardrail:	Provided @ all 4 corners; minor initial wood deter.	1	7
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	1		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	1		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	1		
C6. Approaches Summary:	**Gaps bet. approach walk & WW, were sealed in 2012 and do not appear to be widening; approach walks settling.** **Summary Rating:**		**7**
C57. Utilities:	New gas main 2021(?).	1	9
	Utilities On Structure: N Y N N N N N		
65. Vertical Clearance:	**Vert. Clearance Rating:**		N
N59. General Appraisal and Oper. Status:	**General Appraisal / Operational Status:**		**7 A**

Inspection Notes: 2016 & 2020 inspection was done using Element Level Inspection; drone pictures taken 2021.

Recommended Maintenance:	**Assigned to:**
1. Seal deck, curbs & sidewalks w HMWM.	Contract
2. Remove vines & vegetation (poison ivy) from railing & bridge ends.	TROD
3. Seal interface between curb & gutter @ W {inbound lanes} w hot applied asphalt.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3136450

Berkshire Lane Culvert 400' North of Beechmont **Date Inspected:** 04/19/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 7 A

Signature: R. Reising **Bridge No.:** COUNTY #03

QA/QC Inspector: STEPHEN C. GRESSEL, P.E.

Signature: Stephen C. Gressel

Route: BERKS **Unit:** 5091 **Bridge Type** 195 / NNN **Date Built / Date Rehabbed:** 1986 /

Load Rating Percent 150 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N): N			
C44. Culvert - General:	Exposed rebar (mesh) in fillet region of several (6) culvert sections (rebar was not placed as per plan); flex HL cracks (+/- 3 per section) up to 0.013" wide (all dry) in the center of prefabricated sections; rust staining & leakage @ 2 segment jts.; crack at joint chamfer @ both end segments and 1 w exp rebar in center of culvert; delam @ 6th segment from US (bottom 1 ft @ E) almostly full length of that panel.	1	7
C45. Culvert - Alignment:	Minor horiz. offset bet. some segments; slight diff. in joint widths bet. segments.	1	8
C47. Culvert - Seams:	Some wider gaps between sections; 2 seams @ about 1/3 points of culvert leak water toward N.	1	7
C48. Culvert - Head/End Walls:	Const. jt. crack @ culvert & HW & EW interfaces; staining - moss/lichen.	1	8
C49. Culvert - Scour:		1	8
Culvert Scour Inspection Type: 2			
C50. Culvert - Abutments:	Minor spalls on edges.	1	8
N60. Culvert Summary:	**Rebar not placed in precast members as shown in the plans.** **Summary Rating:**		**7**
C51. Channel Alignment:	Two creeks merging just US.	1	8
C52. Channel Protection:	Banks severly eroding DS @ SE.	2	5
C53. Hydraulic Opening:	Minor vegetation @ US end; some debris accumalation; huge tree fallen over channel DS with potential for trapping debris.	2	5
N62. Channel Summary:	**Summary Rating:**		**5**

Bridge Inspection Report | *Routine Inspection*

SFN: 3136450

Berkshire Lane Culvert 400' North of Beechmont

Date Inspected: 04/19/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 7 A

Signature: R. Reising

Bridge No.: COUNTY #03

QA/QC Inspector: STEPHEN C. GRESSEL, P.E.

Signature: Stephen C. Gressel

C1. Pavement: Asphalt (last known overlay 2013); 2 minor cracks. 1 8

C4. Embankment: Overgrown. 1 8

C5. Guardrail: Steel beam guardrail; widespread partial det. on wooden posts; pile of conc. on guardrail end terminal @ Paradise Lane. 2 5

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): 1

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): 1

C6. Approaches Summary: **Summary Rating:** **5**

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 A**

Inspection Notes: Huge tree fallen into channel DS @ end of WW.
PVC pipe (4" - 6") exposed crossing channel US from bridge.
Placed CSR about fallen tree too close to guardrail; and CSR about concrete dumped onto guardrail following 2021 inspection.

General Notes: GCWW water main under W side of roadway - depth is 3'-6" to top of 16" pipe measured from pvmt. surface.
Duke Energy gas main under E side of roadway.

Recommended Maintenance:	**Assigned to:**
1. Remove trees growing against US headwall.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3136469

Center Hill Bridge over Mill Creek **Date Inspected:** 04/20/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: _____ **Bridge No.:** COUNTY #04

Route: **Unit:** **Bridge Type** 122 / **Date Built / Date Rehabbed:** 2014 /

Load Rating Percent 150 **(Main/Approach Spans)**

Inspection Information

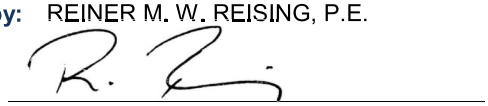
		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Isol. very fine HL cracking (only noticable from very close distance); no efflor.	1	8
C7.2. Edge of Floor:	Ext. birds nest @ S fascia.	1	9
C8. Wearing Surface:	HL trans. cracks over pier; few popouts; shallow spall & dark staining @ 10' from @ abutment.	1	8
C9. Curbs/Sidewalks:	HL trans. cracks & popouts in walks, esp. over pier; more cracking @ approach walks.	1	8
C11. Railing:	Evenly spaced HL shrinkage cracks w minor efflor. in conc. parapet; isol areas of paint flaking (back sides); conc. portion controls this rating.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:		1	9
C13. Expansion Joints:	Filled with debris; SW curb opening @ 70 deg is 10.9 cm.	1	8
N58. Deck Summary:	**Summary Rating:**		**9**
C14. Alignment of Members:		1	9
C15.1. Beams/Girders:	Slight staining on bottom of some beams (from formwork); very minor (shallow) "flaking" or honeycombing apparent on surface of beams; many birds nests on beams.	1	9
C16. Diaphragms/X-Frames:	Possible HL cracking in concrete pier diaphragm between two S-most beams (W side).	1	8
C26. Bearing Devices:	Elastomeric; slight hot weather mode, esp @ E (max. horiz. deflect. +/- 9mm @ 60 deg (@ NE bearing inside)); horiz. mark on pier first bearing from W; pier bearings have apparent sharpie marks on E side, staining from field welding bearings to beam plate.	1	8
N59. Superstructure Summary:	**Summary Rating:**		**9**
C33. Abutment Walls:	Weep hole blocked @ SE; graffiti; honey combing of top most 1' of abutment @ E.	1	9
C36. Pier Walls:	Single vert. HL crack with minor efflor. in center of E & W face (2/3 of vertical height); graffiti.	1	8
C37. Pier Caps:	Few HL cracks between top of pier and hor. cold joint in pier cap @ E; single HL crack w efflor. @ W abutment (1 location)	1	8
C39. Backwalls:	HL cracks @ roadway level; crack w efflor build-up @ W abutment; crack/delam @ S sidewalk in backwall.	1	8
C40. Wingwalls:	HL cracking @ SE; staining.	1	8
C42. Scour:	Detailed monitoring of the channel implemented (Stantec).	1	9

Bridge Inspection Report | *Routine Inspection*

SFN: 3136469

Center Hill Bridge over Mill Creek **Date Inspected:** 04/20/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature:  **Bridge No.:** COUNTY #04

Scour Inspection Type 1

C43. Slope Protection:	Dump rock; overgrowing.	1	9
N60. Substructure Summary:		**Summary Rating:**	**8**
C51. Channel Alignment:	Heavy brush growing in channel under bridge.	1	8
C52. Channel Protection:	Large rip rap.	1	9
C53. Hydraulic Opening:	Banks under bridge @ E overgrown; very minor flow debris @ pier.	1	8
N62. Channel Summary:		**Summary Rating:**	**8**
C1. Pavement:	Manhole @ W apparently raised.	1	9
C2. Approach Slabs:	3 long. full length cracks @ E;1 full length wider crack @ W, one diag crack @ W.	1	8
C4. Embankment:	See channel protection.	1	9
C5. Guardrail:	Steel beam guardrail @ W side only.	1	9

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): 1

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): 1

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): 1

C6. Approaches Summary:		**Summary Rating:**	**8**
C57. Utilities:	Light stains on pipe; some pipe supports appear to be not touching.	1	9

Utilities On Structure: N N Y N N N N

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **8 A**

Inspection Notes: 2016 sensor (water level monitoring ?) installed @ S fascia; camp gear stored on W abutment seat.

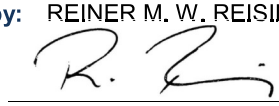
Recommended Maintenance:	**Assigned to:**
1. Cut down vegetation below bridge @ E & @ 10' along bridge each side.	TROD
2. Remove vegetation from joint between approach walks and railings @ all 4 corners, then caulk joints.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3136353

Clifton Avenue Bridge over Mill Creek **Date Inspected:** 08/04/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature:  **Bridge No.:** COUNTY #05

Route: CLIFT **Unit:** 3261 **Bridge Type** 322 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1935 / 2010

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Few transverse cracks w efflor.; initial efflor @ closure pours.	1	8
C8. Wearing Surface:	Concrete placed 2010; HL cracking throughout, fiber nest popouts larger than a quarter size (30 on W side, 13 on E side of bridge) number slightly increasing over time; no delams detectable.	1	7
C9. Curbs/Sidewalks:	Trans. cracks in walk originating from curbs; widespread popouts due to aggregate frost damage.	1	7
C11. Railing:	Widespread shrinkage cracks in concrete curb under metal rail w efflor (possible ASR); few locations w active corr.; popouts form non-frost resistant aggregate; 1 sheared bolt @ E.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	Off bridge, minor ponding observed during rain; excessive debris in gutters.	2	6
C13. Expansion Joints:	Filled w debris; curb spalls around joint armor gland retainer severly corroded @ center(high point outside of traffic lane).	1	8

N58. Deck Summary: **Debris build up in gutters; cobwebs building up under structure.** **Summary Rating:** **8**

C14. Alignment of Members:		1	9
C15.1. Beams/Girders:	Rolled sections, composite with deck; surface weathering.	1	8
C16. Diaphragms/X-Frames:	Under center closure pour; missing bolts (constructions?), all connections appear to be welded.	1	8
C26. Bearing Devices:	Painted elastomeric bearings; (paint flaking esp from skewed bearings); mostly concealed.	1	8

C30. Protective Coating System (PCS): **System:** **Year:** 2010 **PCS Rating:** 8

Weathering steel only the outermost 10' painted; minor scrapes, intermediate coat shining through at some loc, esp @ interface w unpainted area.

N59. Superstructure Summary: **Not fatigue prone; redundant; covered w cobwebs.** **Summary Rating:** **8**

C33. Abutment Walls:	Minor cracks w efflor. around weep holes of exist. portions of abutments; staining; few patched areas. Abutments of adjacent water works bridge crushing @ interface of abutments.	1	8
C34. Abutment Caps:	New (2010); isol. HL cracking; staining @ NW without obvious hole in joint gland.	1	8
C36. Pier Walls:	3 full height cracks in original pier section epoxy injected (2010); buildup of efflor. @ N face of W most crack (from former bridge); spall @ DS end of wall w plant growing.	1	8
C37. Pier Caps:	New (2010).	1	9
C39. Backwalls:	Cracks on top side; several horiz. cracks w efflor. @ const joint.	1	7

Bridge Inspection Report | *Routine Inspection*

SFN: 3136353

Clifton Avenue Bridge over Mill Creek **Date Inspected:** 08/04/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: _____ **Bridge No.:** COUNTY #05

C40. Wingwalls:	Small transition pieces between abutments and crib walls; minor staining.	1	8
C42. Scour:	Concrete lined.	1	9

Scour Inspection Type 1

N60. Substructure Summary: **Summary Rating:** **8**

C51. Channel Alignment:		1	9
C52. Channel Protection:	Conc. channel floor, slope protection & crib walls; minor cracking in slope prot.; initial conc. deter. under sewer outfalls; comp seal torn out of channel protection joint under sewer outfall @ NW w possible undermining; storm water outlet washed out crater in accumulated sediments @ S abutment.	1	7
C53. Hydraulic Opening:	Sediment built-up @ S abutment.	1	8

N62. Channel Summary: **Summary Rating:** **7**

C1. Pavement:	Installed (2010); minor trans. cracks @ N intersection; breaking up @ S next to approach slab w 1 pothole forming; asphalt patches & area of map cracking @ S in 1 lane.	1	7
C2. Approach Slabs:	Many long. alligator cracks @ S; cracks turning diag. @ skew; fiber nest popouts: 17 @ S, 6 @ N.	1	7
C3. Relief Joints:	Paved over (12' wide @ N - 1' wide @ S including curb); wider trans. cracks forming @ S w slight upward bulge.	1	7
C4. Embankment:	Overgrown; conc channel protection.	1	8
C5. Guardrail:	3 corners only; 1 sheared bolt, several nuts were loose (re tightened by hand where possible 2015)	1	9

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): 1

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): 1

C6. Approaches Summary: **Summary Rating:** **7**

C57. Utilities:	Water main supported in E most bay (2010); 2 spare electrical conduits ending @ backwall in W-most bay. Water main brackets bent.	1	9

Utilities On Structure: U U U U U Y U

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **8 A**

Inspection Notes: Traffic lines fading (chevron).
Flow monitor(?) (added @ SE 2016).

Bridge Inspection Report | *Routine Inspection*

SFN: 3136353

Clifton Avenue Bridge over Mill Creek

Date Inspected: 08/04/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: R. Reising

Bridge No.: COUNTY #05

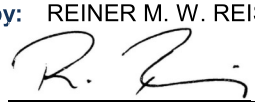
Recommended Maintenance:	Assigned to:
1. Re attach SE grass feature to pylon using urethane adhesive.	TROD
2. Sweep curbs.	Other
3. Fix fiber popouts in deck.	Contract

Bridge Inspection Report | *Routine Inspection*

SFN: 3136574

East Fork Avenue Bridge over Little Duck Creek **Date Inspected:** 03/30/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 5 P

Signature: 

Bridge No.: COUNTY #06

QA/QC Inspector: BRANDON M. LECRONE, P.E.

Signature: 

Route: EFORK **Unit:** 4761 **Bridge Type** 121 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1952 /

Load Rating Percent 070

Inspection Information

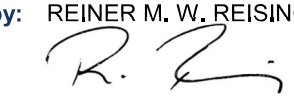
		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Widespread water saturation, efflor. Spalling and rust staining, mainly in W 2/3's; (10) spalls with exposed rebar w LOS (+/-20SF); many stalactites.	3	4
C7.2. Edge of Floor:	Only on S side of bridge; 1 small spall.	1	7
C8. Wearing Surface:	Widespread asphalt and concrete patches (+/- 50%); potholes(reforming); widespread unsound area's of original concrete and patches(+/- 75%); 25 sqft of spalls deeper than 1" (2.5% of total area).	3	3
C9. Curbs/Sidewalks:	Curbs: widespread cracking w some efflor, some cracks with minor spalling or rust stains, esp @ S); Walks: (Walk on S side only); very minor spalls or cracks; +/-12 sqft delam @ walk over curb; spall @ SE.	2	5
C11. Railing:	Decor. conc. bridge railing; weathered; moss/lichen growing on N faces, few minor spalls less than 3" diameter.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	0		
C12. Drainage:	Street inlets off structure.	1	7
C13. Expansion Joints:	Clogged w dirt; advanced corrosion to joint armor with no spalls though; little to no room for mvmt; leaking after rain events (no gland below sidewalk cover plates); cover plate @ W raised.	2	6
N58. Deck Summary:	**Summary Rating: 4**		
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	T-beams: flanges see item 1 Deck. Stem portion of T-beams in much better condition than flanges, but: cracks over most bearings as a result of frozen bearings {4 beams @ E & 7 beams @ W} with spalls, rust staining and/or exposed bars; three beams with cracking (delamination) closer to midspan, over 8' in length (indicating corroding long. bars in main tension region; 2 areas of significant moisture from deck onto beams causing efflor.	2	5
C16. Diaphragms/X-Frames:	Some rust staining mostly @ end diaphragms; some cracking, efflor.; moisture; end diaphrams not included in rating.	1	7
C26. Bearing Devices:	Ext. corr. appears to be completely inhibiting the movement of most bearings; apparent damage to beam ends as a result of the malfunctioing bearings; 2 bearings over spalls of abutment seat up to bearing plate, 1 plate undermined (NW bearing) but plate on studs into sound concrete.	3	3

Bridge Inspection Report | *Routine Inspection*

SFN: 3136574

East Fork Avenue Bridge over Little Duck Creek **Date Inspected:** 03/30/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 5 P

Signature: 

Bridge No.: COUNTY #06

QA/QC Inspector: BRANDON M. LECRONE, P.E.

Signature: 

N59. Superstructure Summary: **Redundant, not fatigue prone.** **Summary Rating:** **5**

C33. Abutment Walls:	Stub abutment on spread footers: Coated with gunnite @ E, actual abutment mostly concealed: widespread cracking, rust stains, build-up of efflor.; single wide hor. Crack @ E abutment; damp from joint leaking at E; spalling of abutmentseat at 2 bearings up to bearing plate; 1 bearing undermined @ NW (but bearing plate on sound studs); flow debris on W abutmentseat.	2	5
C39. Backwalls:	Mostly concealed; cracks @ W; deep spall w exposed rebar @ SW.	2	6
C40. Wingwalls:	Cracking; efflor. @ W; partially gunnite coated; spalling near bearing @ NW.	2	6
C42. Scour:	No footer exp; slight hole {2'deep} @ outlet of W abutment.	1	8

Scour Inspection Type 1

N60. Substructure Summary: **Summary Rating:** **5**

C51. Channel Alignment:		1	8
C52. Channel Protection:	Some rock & conc. US (natural channel banks slumped); private rock retaining wall @ SE mostly failed; minor undermining of toe of slope @ NW.	1	7
C53. Hydraulic Opening:	DS trees falling into channel. Evidence of possible overtopping with driftwood on W abutment seat. No restriction during normal flow; apparent build up of sediment/rocks below bridge as visible from stormwater outfall invert below sediment buildup.	1	7

N62. Channel Summary: **Summary Rating:** **7**

C1. Pavement:	Widespread concrete cracking and delam.; asphalt patches and spalls esp. @ W.	3	4
C2. Approach Slabs:	Patched; benchmark 8031 AZ set into base of railing @ NE, several delam. areas; 2 steel sleeves per approach slab {for bollards?}.	3	4
C4. Embankment:	Overgrowing.	1	8

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **Summary Rating:** **4**

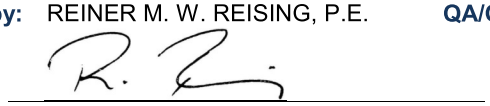
Bridge Inspection Report | *Routine Inspection*

SFN: 3136574

East Fork Avenue Bridge over Little Duck Creek

Date Inspected: 03/30/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 5 P

Signature: 

Bridge No.: COUNTY #06

QA/QC Inspector: BRANDON M. LECRONE, P.E.

Signature: 

C55. Warning Signs: 2018 posting sign. 1 8

C57. Utilities: Gas main not seated in saddles; exposed wire @ W abutment into CSO outlet. 2 6

Utilities On Structure: U U U U U U U

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **5 P**

Inspection Notes: 2 trees @ S touching overhead utilities (notified Cincinnati Bell following the 2021 inspection); noticable vibration under traffic load.

Recommended Maintenance:		Assigned to:
1.	Plan for extensive repair/replacement work.	Contract
2.	Square off and patch all cracks and potholes wider than 2", seal cracks and patch perimeters with hot applied asphalt	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3136639

Eighth Street Over Railroads West of Eighth Street Viaduct **Date Inspected:** 06/24/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** COUNTY #07

Route: EIGHT **Unit:** 1 **Bridge Type** 321 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 2008 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Very few minor trans. crack w efflor @ NW.	1	8
C7.2. Edge of Floor:		1	9
C8. Wearing Surface:	Few small fiber nests detected, several patched; very minor HL cracks throughout.	1	8
C9. Curbs/Sidewalks:	Vert. cracks in curbs; curb spall @ exp. joints esp @ SE; patches in sidewalk @ joints, no cracking in walk.	1	8
C11. Railing:	HL crack w some efflor - esp. around windows throughout.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	1 scupper - slightly filled with debris but still functioning.	1	7
C13. Expansion Joints:	Jt. filled w debris, corr. of joint armor; small spalls around armor on approach slab sides, esp @ W.	1	7
N58. Deck Summary:	**Summary Rating:**		**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Weathering steel - beam ends painted; scrapes from train over tracks at all beams, but no obvious deformation of the beams.	1	8
C16. Diaphragms/X-Frames:	Minor bending @ 2nd bay from S - 2nd full x-frame from W.	1	8
C26. Bearing Devices:	Elastomeric.(concealed)	1	8
C30. Protective Coating System (PCS):	**System:** OZEU **Year:** 2008 **PCS Rating:** 9		
	Painted only @ beam ends; weathering steel turning to dark brown; scrapes are expected to self-heal, widespread small orange stains esp. @ bottom of flanges; painted ends show numerous spots of different color shade (possible touch ups?)		
N59. Superstructure Summary:	**Summary Rating:**		**8**
C33. Abutment Walls:	Largely reused from prev. struct; spalls (patched) & vert. cracks (sealed); isol. delams.	1	7
C34. Abutment Caps:	Full height vert. HL cracks in new abutment seats, (horiz cracks @ E abutment most of the width of cap)	1	7
C39. Backwalls:	Minor cracking on top; isol. cracks w efflor. on vertical face; mostly concealed	1	8
N60. Substructure Summary:	**Summary Rating:**		**7**

Bridge Inspection Report | *Routine Inspection*

SFN: 3136639

Eighth Street Over Railroads West of Eighth Street Viaduct

Date Inspected: 06/24/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: R. Reising

Bridge No.: COUNTY #07

C1. Pavement:	Conc. @ E; deep & wide circular area of crack/spall E of approach slab but smooth riding; asphalt @ W.	1	7
C2. Approach Slabs:	Many long. cracks perp. to BW @ E & W, some splitting into multiple paralell HL cracks.	1	7

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **Summary Rating:** **7**

C57. Utilities: Electric street light conduit @ NE.

Utilities On Structure: N N N N N N N

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 A**

Inspection Notes: Train scrape marks on all beams detected in 2016 (worse in 2017?).
Wall @ NE is inspected as part of the 8th Street Viaduct.
2020 element level inspection on file.

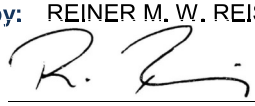
Recommended Maintenance:	**Assigned to:**
1. Consider sealing the railing.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3136582

Eighth Street Viaduct over Evans Street, Mill Creek, Etc. **Date Inspected:** 06/24/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature:  **Bridge No.:** COUNTY #08

Route: EIGHT **Unit:** 310 **Bridge Type** 371 / **Date Built / Date Rehabbed:** 1929 /

Load Rating Percent 150 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	New struct. deck on ex. deck; old deck: widespread cracks w efflor, spalls w exp. rusted reinf & rust staining; many spalls are large and/or deep; rating reflects condition of old floor; some areas appear delam.	3	4
C7.2. Edge of Floor:	Mostly replaced with walks in 2008/2009: Trans. cracks w efflor. under new walks; poor condition with spalls and delams. Just W of Mill Creek at locations of former ramps.; steel beam spans have spalling under corr. Rebar & more apparently delaminated (rust staining areas); delam @ S span 12 {entrance to yard}	1	7
C8. Wearing Surface:	Smooth riding surface throughout, but extensive HL cracking esp. in N-half; (trans. Cracks more pronounced in 2 center lanes); very distinct differences in appearance and cracking between different sections of the viaduct; no delams detected.	1	8
C9. Curbs/Sidewalks:	Walks: wider trans. cracks often w efflor below & through fascia beam wider cracks measured .07" Curb: minor vert. cracks w initial efflor, esp. @ N; minor spalls @ exp. jts.	1	8
C11. Railing:	Conc. railing on approaches, on bridge chain link fence with steel curb rail. minor trans. cracks in top of SW approach railing; steel rail: paint @ curb rail peeling - widespread & isol. Areas of concentrated corr. Cells; rusting @ perf. Fence plates is typical; scaling @ conc. Light post bases in splash zone; isol corr of kick plate fasteners {retrofit} causing fasteners to shear off; some patches completely loose; some splice anchor bolts over exp jnt very loose but still attached; top rail at S bent at 1 loc.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	58 scuppers & inlets; some partially clogged, 1 completely clogged.	1	7
C13. Expansion Joints:	Replaced (2008/2009); minor thumping @ E abut; filled w debris; minor rust on armor; isol. initial minor spalls around joint armor.	1	8
N58. Deck Summary:	**Summary rating not considering the condition of the old floor, but th new deck.**	**Summary Rating:**	**7**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Exp. stirrups throughout (low original cover); widespread spalls, patches & cracks some w efflor.; delam. areas; exp. rebar; isol. wider cracks indicating corroding rebar; beam ends @ W abutment det esp #2&3 from S reducing bearing area.	2	6
C16. Diaphragms/X-Frames:	Some spalling w some exp. reinf; isol. cracking @ bottom of some diaphragms; wider cracks.	1	7
C17. Stringers:	Present only @ a few locs; conc. encased steel(assumed rating); stringer at W of span 30 with exp. rebar. Span 29 N fascia (over RR) bot hor. Crack indicates possible delam over 75% of span, similar in span 30.	1	7
C18. Floor Beams:	Conc. encased - present only @ a few isol. locs; gunited (assumed rating).	1	7

Bridge Inspection Report | *Routine Inspection*

SFN: 3136582

Eighth Street Viaduct over Evans Street, Mill Creek, Etc. **Date Inspected:** 06/24/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature: _____ **Bridge No.:** COUNTY #08

C26. Bearing Devices:	Elastomeric (2008); concealed; spalling @ abutment bearings (see abutments)	1	8
N59. Superstructure Summary:	**Redundant; not fatigue prone.**	**Summary Rating:**	**6**
C33. Abutment Walls:	Epoxy sealed (2009); some delams & cracks w efflor @ E; severe cracks @ NE fascia beam & spalls (no allowance for bearing movement @ NE & SE) continuous widespread spalling under bearings @ W w undermining of bearings (3&5 from N and 2 & 3 from S).	2	6
C37. Pier Caps:	Reconstructed @ all former exp. jts; cracks & spalls sealed @ old piers w isol rusting of exp. rebar; isol. flex. cracks in new pier bents; impact damage (scrapes & spall) @ piers 1, 3 & 72); coating peeling @ some piers.	2	6
C38. Pier Columns:	Reconstructed @ former exp. jts; some cracking & rust staining on existing columns; spalling, & cracking @ pier corners w isol. exp. main rebar.; sig. delams or spalling w exp. rebar @ some columns; ext spalling w exp rebar @ piers.	2	6
C39. Backwalls:	Minor cracks topside, otherwise mostly concealed.	1	8
C40. Wingwalls:	Minor random cracking & popouts, mostly sealed; vegetation @ bottom of WW in pvmt jts; many horiz. cracks thru sealant @ NW w rust staining w exp. rebar.; E wingwalls in very good condition.	1	7
C42. Scour:	Diving inspection 2017. (see report)	1	7
Scour Inspection Type	3		
N60. Substructure Summary:	**See element level inspection report for details.**	**Summary Rating:**	**6**
C51. Channel Alignment:		1	9
C52. Channel Protection:	Banks well vegetated.	1	8
C53. Hydraulic Opening:		1	9
N62. Channel Summary:		**Summary Rating:**	**8**
C1. Pavement:	Two spalls (impact) @ E; cracking @ SW; large crack @ SW w minor pothole.	1	8
C2. Approach Slabs:	Minor long. cracks.	1	8
C3. Relief Joints:	E side only; grass growing in bike paths, otherwise smooth.	1	8
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	N		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	N		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	N		
C6. Approaches Summary:		**Summary Rating:**	**8**

Bridge Inspection Report | *Routine Inspection*

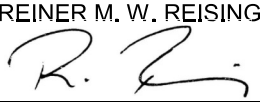
SFN: 3136582

Eighth Street Viaduct over Evans Street, Mill Creek, Etc.

Date Inspected: 06/24/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 A

Signature: 

Bridge No.: COUNTY #08

C55. Warning Signs:	Posted 12'-3" VC @ W. Evidence of multiple impacts (minor spalls).	1	8
65. Vertical Clearance:		**Vert. Clearance Rating:**	1
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**6 A**

Inspection Notes: Last underwater inspection 2017. (Stantec)

General Notes: Spans 17 & 18 and 29 & 30 have structural steel & floor system - all other spans are concrete. Walls bet. viaduct & 8th Street Bridge are inspected as part of the Viaduct.

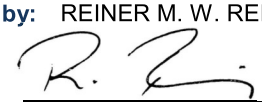
Recommended Maintenance:	**Assigned to:**
1. Clean inlets.	TROD
2. Plan for beam rehab @ W abutment where beam ends are cracking over bearings.	Contract
3. Plan for widespread chipping action (list submitted to TROD in 2021)	TROD
4. Trim back tree branches & ivy over N sidewalk E of Mill Creek	TROD
5. Define limits & responsibilities of use & maintanence under bridge.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3136612

Galbraith Road Bridge over Anthony Wayne and Norfolk Southern **Date Inspected:** 8/26/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status:** 5 C

Signature: 

Bridge No.: COUNTY #09

QA/QC Inspector: STEPHEN C. GRESSEL, P.E.

Signature: 

Route: GALBR **Unit:** 823 **Bridge Type:** 322 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1949 /

Load Rating Percent: 150

Inspection Information

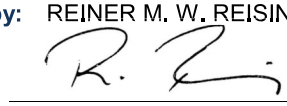
		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Widespread cracks; mottling; efflor; stalactites, rust stains, delams & spalls w exp. rusting reinf; severe conc. det. esp under curbs; widespread seepage throughout.	3	3
C7.2. Edge of Floor:	Widespread spalling, cracking & exp rebar, efflor.; rusting of beam TF is widespread; some patched areas.	4	2
C8. Wearing Surface:	2 south-most lanes remaining: widespread trans. cracking; 2 spalled areas at SW, one patched.	2	5
C9. Curbs/Sidewalks:	Many trans. cracks, widespread large delamination in walks; widespread popouts; spalling @ exp. jt.; hollow sounding areas esp @ SW; many areas with curb patches.	2	5
C11. Railing:	Repainted (EEU - 2005); paint chipping/flaking off; many scratches in paint; corr. hole @ S center (bot. horiz. Member); leaning inward @ bridge ends.	3	4
N36. National Safety Feature - Bridge Railing (0, 1 or N):	0		
C12. Drainage:	Scuppers - some inlets clogged; all D/S removed, w water dripping onto super- and substructure.	4	0
C13. Expansion Joints:	Compression seals: some sep. bet. Seal & armor @ W -widespread leaking; comp. seal not continuous @ curbs; CPs do not extend full width over curb; sidewalk cover plates do not allow expansion @ SW.	2	5
N58. Deck Summary:	**N deck removed prior to 2020 inspection - ratings previously controlled by the north portion were not changed. N deck formed and reinforcing steel being installed at time of 2021 inspection.**	**Summary Rating:**	**3**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Pitting esp along fascia beam; widespread active corrosion; some LOS; heavy pitting under exp. jts.; worst condition in beams adj. to long. joint & fascia beam; N fascia beam replaced 2020.	2	5
C16. Diaphragms/X-Frames:	Widespread corr. w LOS @ gutterline & exp. jts; sev. LOS w pitting @ SE; isol diaphragms w severe corr.; pack rust @ end diaphrams causing partial separation of plates @ W; new 2020 cross frames connecting N fascia beam.	2	6
C26. Bearing Devices:	Mvmt. of several abutment bearing plates, resulting in mixed hot & cold weather modes; corr. under joints w heavy pitting on several bearings; 1 bearing plate @ W abutment moved against wall; some light observed under masonry plates; new bearings being installed with deck replacement contract.	3	3

Bridge Inspection Report | *Routine Inspection*

SFN: 3136612

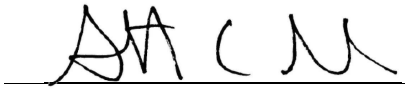
Galbraith Road Bridge over Anthony Wayne and Norfolk Southern **Date Inspected:** 8/26/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status:** 5 C

Signature: 

Bridge No.: COUNTY #09

QA/QC Inspector: STEPHEN C. GRESSEL, P.E.

Signature: 

C30. Protective Coating System (PCS): **System:** ZV **Year:** 1987 **PCS Rating:** 2

Freckled rust throughout; rusting w LOS - esp. on fascia beams; rusting along TF; ext. peeling; rusting on diaphragms & bearings.

C32. Fatigue Prone Details: Cover plates & splices over pier; ugly (cracked?) welds @ cover plates esp. over center piers; full penetration welds @ piers are continous in flanges and web; (partially concealed). 2 6

N59. Superstructure Summary: **Redundant - fatigue prone. Ongoing construction in 2021.** **Summary Rating:** **5**

C33. Abutment Walls: Stub abutments: minor HL cracking; graffiti. 1 7

C37. Pier Caps: Patched areas in 2021 and other areas being prepared for patching. 1 7

C38. Pier Columns: Minor HL flex cracks @ W side of center (fixed) pier; graffiti; minor patching in 2021. 1 8

C39. Backwalls: Seepage @ C/L jt. & walks (cracks w efflor. esp under curbs); minor cracks & spalls; efflor; rust stains; cracks & many spalls on top. 2 6

C40. Wingwalls: Minor cracks & spalls; cracks on top; some popouts. 1 8

C43. Slope Protection: Conc. slope prot. @ W w dirt accum. under jts. & fascia; erosion @ SE d/t disconnected scupper. 2 6

N60. Substructure Summary: **Summary Rating:** **7**

C1. Pavement: Paved @ W (2017); trans. cracks & map cracking, mostly sealed; paved E (2008); map cracking near approach slab. 1 8

C2. Approach Slabs: Cracks; spalls along edges, some patched; potholes @ BW; jts. to BW breaking up @ E & W. 2 5

C3. Relief Joints: E does not extend thru curbs or walks; W filled w conc.

C4. Embankment: Overgrown. 1 8

C5. Guardrail: Widespread severe wood posts & b/o deter. Esp @ SE. Guardrail at SE attached to steel railing (over exp. Joint); cracking where attached to railing @ SE; to be replaced with current contract in late 2022 or early 2023. 3 4

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): 0

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): 1

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): 1

C6. Approaches Summary: **Ongoing construction 2021 (N half of the bridge including approaches is closed to all traffic)** **Summary Rating:** **4**

Bridge Inspection Report | *Routine Inspection*

SFN: 3136612

Galbraith Road Bridge over Anthony Wayne and Norfolk Southern **Date Inspected:** 8/26/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status:** 5 C

Signature: R. Reising

Bridge No.: COUNTY #09

QA/QC Inspector: STEPHEN C. GRESSEL, P.E.

Signature: S C G

C57. Utilities: All utilities removed.

Utilities On Structure: N N N N N N N

65. Vertical Clearance:

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: **5 C**

Inspection Notes: Ongoing rehab in 2021 w N half of bridge under const. & all traffic diverted to S half.
Ratings that were previously controlled by the N portion of the bridge were not raised during this inspection.

Bridge Inspection Report | *Routine Inspection*

SFN: 3136338

Harrison Ave over Lick Run

Date Inspected: 09/09/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: R. Reising

Bridge No.: COUNTY #10

Route: **Unit:** **Bridge Type** / **Date Built / Date Rehabbed:** /

Load Rating Percent **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	See beams.		
C7.2. Edge of Floor:	Sealed/painted, flaking of sealer.	1	8
C8. Wearing Surface:		1	9
C9. Curbs/Sidewalks:	Some areas patched.	1	8
C11. Railing:	Concrete portion painted/selaed but flaking; steel portion touched up with different level of sheen.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	Off bridge.		
C13. Expansion Joints:	Strip seals filled w debris.	1	8
N58. Deck Summary:	**Summary Rating:**		**8**
C14. Alignment of Members:	E fascia has slight horiz. offset over S pier.	1	9
C15.1. Beams/Girders:	Composite box beams- HL long. cracks in some beams typically @ drain holes; 2 larger HL cracks @ E fascia main span; 2 beams w impact damage (scrape & spall) beams 6 & 7 from W @ N of main span.	1	7
N59. Superstructure Summary:	**Rating based on new guidance.** **Summary Rating:**		**7**
C33. Abutment Walls:	Vert. HL cracks {const. issue}; many patched spalls (noticible as dark areas).	1	8
C37. Pier Caps:	Vert. HL cracks (some w efflor) @ each column, spall (impact) @ S pier.	1	8
C38. Pier Columns:		1	8
C39. Backwalls:	Only top visible; HL trans. cracks on top of wall.	1	7
C40. Wingwalls:	HL cracks some w initial build up of efflor. @ bottom.	1	8
C42. Scour:	Structure on deep shafts.	1	9
Scour Inspection Type			
N60. Substructure Summary:	**Summary Rating:**		**8**

Bridge Inspection Report | *Routine Inspection*

SFN: 3136338

Harrison Ave over Lick Run

Date Inspected: 09/09/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: R. Reising

Bridge No.: COUNTY #10

C51. Channel Alignment:	By design.	1	9
C52. Channel Protection:	Man made, Rock, filter fabric and plants; const. ongoing 2020.	1	9
C53. Hydraulic Opening:	As designed.	1	9
N62. Channel Summary:		**Summary Rating:**	**9**
C1. Pavement:	New 2020; 2 holes forming at interface with N approach slab.	1	8
C2. Approach Slabs:	Widespread cracking perpindicular to backwall.	1	7
C3. Relief Joints:	Relief jnt. @ S has slight cracking.	1	8
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	N		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	N		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	N		
C6. Approaches Summary:		**Summary Rating:**	**7**
65. Vertical Clearance:		**Vert. Clearance Rating:**	N
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**7 A**

Inspection Notes: Cones on sidewalk in 2021. Trail below blocked off with tape (for grafitti removal?)

Recommended Maintenance:	**Assigned to:**
1. Attach & secure conduit at NW light fixture.	Punchlist
2. Remove Grafitti from piers and apply anti-grafitti coating.	Punchlist
3. Seal joint between approach slabs and backwalls with hot applied asphalt.	Punchlist
4. Reapply paint @ concrete portion of railing where failed.	Punchlist
5. Apply anti-grafitti coating to concrete railing pilasters.	Punchlist

Bridge Inspection Report | *Routine Inspection*

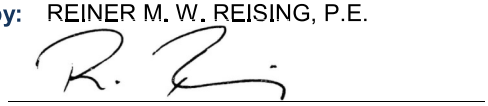
SFN: 3136337

Hopple Street Viaduct over Mill Creek, Railroad & Spring Grove

Date Inspected: 04/30/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 A

Signature: 

Bridge No.: COUNTY #11

Route: HOPPL **Unit:** 547 **Bridge Type** 221 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1916 / 1986

Load Rating Percent 100

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Few trans. cracks w efflor mainly in bays 2 and 3 from N; full depth hole patched in span 2 in rail yard; most floor issues are in the N half of the bridge, S condition generally better. Staining from fire (2019) in span 26.	1	7
C7.2. Edge of Floor:	Few trans. Cracks w efflor.	1	7
C8. Wearing Surface:	LMC; some cracking aparently random, sometimes wider mostly in N half; and long. crack @ center bridge; widespread often severe spalling and potholing @ exp. jt. headers; some random spalls w isol. Potholes forming mostly in center; diag. crack @ abut. Corners; no delams detected by sounding.	2	6
C9. Curbs/Sidewalks:	Trans. cracks; isol. popouts; curb scrapes; 2 sqft spall of curb/walk W ov Spring Grove; evidence of cars mounting curb.	1	7
C11. Railing:	Vert. cracks w efflor in parapet; back up tube missing in top rail over Spring Grove; extremely large bolt holes @ some VPF baseplate W of Spring Grove; 1 metal post destroyed by impact); some spalling @ tiehole plugs.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	36 inlets, partially to mostly filled w debris.	2	5
C13. Expansion Joints:	Strip seals installed (2000); joint at pier #26 replaced 2016; all others are leaking; widespread severe spalls @ joint headers some w exposed rebar, most headers at least partially loose and/or separated from deck (jt. header broken & studs sheared off); both abutment joint glands completely removed and severely leaking. Several joints are beyond clanking since the armor is pushed below it's original position.	4	2
N58. Deck Summary:		**Summary Rating:**	**7**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Prestressed conc. beams (1987); isol small rust stains in bot of BF throughout (embeded objects); beam 2 from N in span 3 flex. cracks w efflor. in bottom flange (only one face) also beam 3 from S in span 11 (with HL cracking @ top of BF forming). Beams 3,4,6,7 @ W abutment, diagonal crack/small spall, just beyond bearing. (partially concealed at other piers). The cast in place concrete portion connecting the fasica beams is spalled in some locations over the piers where beams were made continuous, with bent up extended strand exposed at least in one location. Beam 1 from S in span 8 over pier 8; end spall w rust on fascia, also @ other exp jnts. Beam 2 from S in span 8 with area of apparent efflor. At S side of BF.	1	7
C16. Diaphragms/X-Frames:	Conc. x-frames; vert. cracks turning into spalls @ some end crossframes (only at piers without expansion joints), esp pier 19 (w 4 adjacent diaphrams cracking), also piers 3,18,13 (cracks only).	1	7

Bridge Inspection Report | *Routine Inspection*

SFN: 3136337

Hopple Street Viaduct over Mill Creek, Railroad & Spring Grove **Date Inspected:** 04/30/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature: _____ **Bridge No.:** COUNTY #11

C26. Bearing Devices:	Elast. pad bearings; mostly concealed hence assumed rating.	1	7
N59. Superstructure Summary:	**Redundant; not fatigue prone.**	**Summary Rating:**	**7**
C33. Abutment Walls:	Vert. cracks mainly @ W; ext. seepage (w efflor & rust staining @ W); most seismic(?) pedestals @ W abutment severely cracked & rust stained.	2	6
C36. Pier Walls:	Widespread minor cracks, delam., & spalls on surface of old conc. piers w isol. exposed rebar (old piers are much wider than new pier caps); widespread gunite repairs; efflor & leakage esp @ expansion piers.	1	7
C37. Pier Caps:	Some cantilevers w long. cracks 4" from top (@ Mill Creek & W); vert. crack w efflor. & some rust stain under exp. jt. most @ cantilevers; vert. full height crack @ S face pier cap 16. Moisture at pier caps under expansion joints. Flex. HL cracks at bottom of new (1986) RC pier caps (piers 2-5); honeycombing in newer (1986) concrete. Several vertical cracks @ N cantilever of Millcreek pier (W side) with efflor and rust staining.	2	6
C38. Pier Columns:	Widespread minor cracks, delam., & spalls (and areas of poor concrete consolidation) on old conc. Piers (esp. corners) w isol. Exposed rebar; widespread gunite repairs; see also pier walls.	2	6
C39. Backwalls:	Mostly concealed d/t conc. x-frames; seepage; cracks w efflor; trans. cracks and spalls @ pvmt. level.	2	6
C40. Wingwalls:	NE rotated outward approx. 1-1/4" - evident by misalignment in rail; cracking & efflor. esp. in cap; graffiti.	1	7
C42. Scour:	Underwater inspection (2017); no maintenance recommended @ this time; approx. 8' soil diff. @ W creek pier; flat w no scour @ E creek pier.	1	7
Scour Inspection Type	3		
N60. Substructure Summary:		**Summary Rating:**	**6**
C51. Channel Alignment:		1	9
C52. Channel Protection:	Conc. spalled @ E @ top of conc. wall.	1	9
C53. Hydraulic Opening:		1	9
N62. Channel Summary:		**Summary Rating:**	**9**
C1. Pavement:	Asphalt overlayed @ W in 2014; mapcracking in asphalt @ E, rutting with some vehicle bounce @ E; ongoing improvements at W in 2020.	2	6
C2. Approach Slabs:	Minor cracking.	1	8
C3. Relief Joints:	Extended thru curbs @ N only; cracked @ E (areas patched 2019).	2	6
C5. Guardrail:	Steel beam approach guardrail @ SW corner only; rotting timber w 1 block out missing ; minor impact damage.	2	6
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):			
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):			

Bridge Inspection Report | *Routine Inspection*

SFN: 3136337

Hopple Street Viaduct over Mill Creek, Railroad & Spring Grove **Date Inspected:** 04/30/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature: _____ **Bridge No.:** COUNTY #11

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):

C6. Approaches Summary: **Settlement of walk (behind wingwall) @ E where change of slope from curb to railing causing ponding on walk; widespread severe cracking in E walk.** **Summary Rating:** **6**

C57. Utilities: Gas on S side but only in W half of the bridge, vertical portion of the gas main is unprotected in railyard (for collision of derailing trains); splices rusting; conduit @ W abut. (street light ?) severely corroding. 2 5

Utilities On Structure: N Y N Y N N N

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **6 A**

Inspection Notes: Underwater inspection - May 2017.
Firestaining in span 26 (2019); chain link fence in span 1 compromised in 20021 and area beyond soiled and trashed.
2020 Element Level Inspection Data available.

Recommended Maintenance:		**Assigned to:**
1.	Replace compression seals at both abutments including sidewalk area.	TROD
2.	Sound & repair pier seats, esp. @ W.	Contract
3.	Plan replacement of all expansion joints.	Contract
4.	Patch curb/walk spall W of Spring Grove.	TROD
5.	Replace destroyed railing post west of Spring Grove Ave.	TROD
6.	Clean E abutment wall and area below span 1 (encampment issue).	TROD
7.	Repair fence at sopan 1.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3136672

Kennedy Avenue over IORY **Date Inspected:** 10/26/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** COUNTY #12

Route: 0700 **Unit:** 2.81 **Bridge Type** 232 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 2021 /

Load Rating Percent 100

Inspection Information	Rating 1 to 4	Rating 9 to 0
C7.1. Floor: See item 15.1 Beams.	1	9
C7.2. Edge of Floor: Coated w anti graffiti paint.	1	9
C8. Wearing Surface: Few lng. HL cracks developing @ bridge ends in main span @ W curb; trans HL cracks in negative moment region.	1	8
C9. Curbs/Sidewalks: HL trans cracks in negative moment region of both walks.	1	8
C11. Railing: Conc. railing w stainless steel anti skate board balls; new steel vandal fence installed 2021; concrete portion coated.	1	9
N36. National Safety Feature - Bridge Railing (0, 1 or N): 1		
C12. Drainage: Off the bridge; area of minor ponding @ curbs.	1	8
C13. Expansion Joints: Semi integral bridge.		
N58. Deck Summary: **Deck rating base on edge of floor condition.** **Summary Rating:** **9**		
C14. Alignment of Members:	1	9
C15.1. Beams/Girders: Prestressed box beams (CB 21x48). Multiple Long HL cracks (up to 0.004 inches wide) observed in several beams, see attached list of cracks in beams; rated according to new 2021 guidelines.	1	7
N59. Superstructure Summary: **Summary Rating:** **7**		
C33. Abutment Walls: stubs, vert. full height cracks near center. crack at S 0.033" wide, crack at N 0.04" wide.	1	8
C36. Pier Walls: No deficiencies noted; N pier has grafitti; minor honeycombing.	1	9
C37. Pier Caps: No deficiencies noted.	1	9
N60. Substructure Summary: **Summary Rating:** **8**		
C1. Pavement: New 2020.	1	9
C2. Approach Slabs: 20 and 25 ft long.; HL cracking perpindicular to joint; edge to pavement +/- 1' sealed w asphalt	1	8
C4. Embankment: Per design, seeded.	1	9
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N		

Bridge Inspection Report | *Routine Inspection*

SFN: 3136672

Kennedy Avenue over IORY

Date Inspected: 10/26/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: R. Reising

Bridge No.: COUNTY #12

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **Summary Rating:** **8**

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **Rating based on new guidance for prestressed box beams, as discussed with ODOT personnel.**

General Appraisal / Operational Status: **7 A**

Kennedy Ave Bridge 10/26/2021

CB 21-48 Beam cracking

Number of cracks detected

Span/ Beam	1 (S)	2*	3 (N)
1 (W)	1		1
2	1**	1	2
3	1		1*
4	1**	2	
5	1	2	1
6			1
7	1	1**	1**
8		2	1
9			1**
10			1**
11			1**
12 (E)		1	1

* not measured, only visible with binoculars

** shorter cracks

All cracks are longitudinal HL cracks.

Bridge Inspection Report | *Routine Inspection*

SFN: 3136728

Madison Road Bridge over Duck Creek East of Ridge Road **Date Inspected:** 04/16/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: R. Reising

Bridge No.: COUNTY #13

Route: MADSN **Unit:** 410

Bridge Type 231 / NNN **(Main/Approach Spans)**

Date Built / Date Rehabbed: 1929 / 1992

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	See item 15.1 Beams.	1	7
C7.2. Edge of Floor:	Vertical cracks w efflor @ S.	1	7
C8. Wearing Surface:	Reflective cracks over beam jts; slight wearing in wheel path.	1	7
C9. Curbs/Sidewalks:	Many trans. cracks; popouts @ S; minor curb spalling @ SE; curb @ S spalled and undermined at gutter, see leakage comment in floor.	2	6
C11. Railing:	Vert. cracks w efflor. esp @ S.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	Street inlets @ both ends of bridge; debris collecting @ curbs.	2	6
C13. Expansion Joints:	Repaired 2014 with hot applied asphalt but isolated leakage through to substructure; gland asphalt torn @ several locations.	1	7
N58. Deck Summary:	**Summary Rating:**		**7**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Precast composite conc. box beams (1992); minor horiz. Crack @ NE fascia beam; small isol. rust stains from rebar standoffs; smile shape honeycombing @ bot. of many beam ends; small spall @ beam end (6th beam from S); efflor near E abutment between 1st & 2nd beam from S (intial stalactite); small patch @ E abutment 8th beam from S. Leakage (slightly wet) in center b/w beams 2 & 3 from S.	1	7
C26. Bearing Devices:	Elast. bearings (1992), not visible (assumed rating).	1	8
N59. Superstructure Summary:	**Redundant, not fatigue prone.** **Summary Rating:**		**7**
C33. Abutment Walls:	Patched & coated (1992); many vert. cracks some with intial efflor; spall @ NW; graffiti; minor mapcracking w leakage; leakage from top (exp. jts) apparent due to widespread staining.	1	7
C39. Backwalls:	Many cracks @ roadway surface; few isol spalls.	1	7
C40. Wingwalls:	Cracks w little efflor. & spalls @ all four corners.	2	6
C42. Scour:	Channel entirely conc. lined.	1	9
Scour Inspection Type	1		
N60. Substructure Summary:	**Summary Rating:**		**7**

Bridge Inspection Report | *Routine Inspection*

SFN: 3136728

Madison Road Bridge over Duck Creek East of Ridge Road **Date Inspected:** 04/16/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** COUNTY #13

C51. Channel Alignment:	Concrete channel as part of floodwall system.	1	9
C52. Channel Protection:	Widespread concrete deterioration w/ spalls & exp. rebar, mostly along joints (especially DS).	2	6
C53. Hydraulic Opening:		1	9
N62. Channel Summary:	**Summary Rating:**		**6**
C1. Pavement:	Asphalt overlayed (2004); many cracks & patches @ (E); newer asphalt @ W (2008 floodwall); wearing/rutting @ NW near floodgate; spalling around flood gate tracks.	2	6
C2. Approach Slabs:	Crack @ E; long. cracks (perp. To BW's); new approach slab @ W.	1	7
C4. Embankment:	Secured by vegetation & grout(SE).	1	8
C5. Guardrail:	Many missing nuts @ transition pieces @ S; missing bolt @ SW transition (broken out).	1	6
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	0		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	1		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	0		
C6. Approaches Summary:	**Summary Rating:**		**6**
C57. Utilities:	Gas, electric; minor rusting on brackets.	1	7
	Utilities On Structure: N Y N N N N N		
65. Vertical Clearance:	**Vert. Clearance Rating:**		N
N59. General Appraisal and Oper. Status:	**General Appraisal / Operational Status:**		**7 A**

Recommended Maintenance:	**Assigned to:**
1. Plan to replace S curb.	Contract
2. Repair conc. channel lining where deter.	Stormwater
3. Seal jt between base of abutment and conc. channel lining with hydraulic cement.	TROD
4. Consider sealing deck and curbs with HMWM	TROD
5. Fill (exp) joints w hot applied asphalt.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3130003

Marburg Avenue Bridge over Wasson Way

Date Inspected: 09/30/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: R. Reising

Bridge No.: COUNTY #14

Route: MARB **Unit:**

Bridge Type 132 / **(Main/Approach Spans)**

Date Built / Date Rehabbed: 2017 /

Load Rating Percent 100

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	See item 15, beams.		
C7.2. Edge of Floor:	Cracks w build up of efflor over piers; 2 spalls (impact?) @ W over trail.	1	8
C8. Wearing Surface:	Built-up of sand from HMWM sealing in some locations; aspalt staining at SW; few HL long. cracks (mostly visible @ ends where not grooved (2 full length)) other trans cracks developing from curbs +/- 2', some w intial efflor; full width HL trans crack over N pier.	1	8
C9. Curbs/Sidewalks:	Transverse HL cracks (full width) through walk and curb over piers (4); long. sidewalk crack @ NE (4').	1	8
C11. Railing:	Trans HL cracks @ top, (some w efflor) continuing down into ornamental grooves; impact damage to railing @ NE; scrapes/chips @ decorative stone liner @ SW.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C12. Drainage:	Off the bridge.		
N58. Deck Summary:		**Summary Rating:**	**9**
C14. Alignment of Members:		1	9
C15.1. Beams/Girders:	6 beams @ NW have dark staining, also 6" wide dark edge @ fascia bottoms in all spans (anti graffiti overspray).	1	9
C26. Bearing Devices:	Mostly concealed; assumed rating; some bearings not in contact w beams @ S abutment (4 bearings completely loose)	1	8
N59. Superstructure Summary:		**Summary Rating:**	**9**
C33. Abutment Walls:	Stub abutment @ S; few vert cracks @ S; 1 full height vert. HL crack @ N; staining @ NE near fascia.	1	8
C36. Pier Walls:	Vert HL crack @ S pier; S side of pier w staining @ bottom (brown & black).	1	8
C37. Pier Caps:	HL crack in center of piers (visible from abutments only).	1	9
C40. Wingwalls:		1	9
C43. Slope Protection:	Steep concrete slope protection; 1 crack @ SE.	1	8
N60. Substructure Summary:		**Summary Rating:**	**8**

Bridge Inspection Report | *Routine Inspection*

SFN: 3130003

Marburg Avenue Bridge over Wasson Way

Date Inspected: 09/30/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: R. Reising

Bridge No.: COUNTY #14

C1. Pavement:	New 2017; slight step @ SE between pavement & bridge (slight bounce to vehicles)	1	7
C4. Embankment:	Well vegetated; steep	1	9

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **Summary Rating:** **7**

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **8 A**

Inspection Notes: Trail below bridge opened in August 2021.

General Notes: Bridge opened to public 9-15-17.

Recommended Maintenance:	**Assigned to:**
1. Paint spall at fascia (impact from trail construction below).	Punchlist

Bridge Inspection Report | *Routine Inspection*

SFN: 3136795

North Bend Road Bridge over Kirby Road **Date Inspected:** 06/21/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 5 A

Signature: _____ **Bridge No.:** COUNTY #15

Route: NBEND **Unit:** 436 **Bridge Type** 322 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1951 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Widespread trans. cracks; efflor; delam.; spalls; rust stains; iso. mapcracking; many full depth repairs (entire E span repaired); exp. rebar @ several loc., esp. @ N overhang; long. center crack w efflor. & rust stains.	2	5
C7.2. Edge of Floor:	Conc. edge beams: shear crack @ S conc. edge beam; spalled w exp. rebar & sev LOS; LOS & delam @ SW; conc. beam @ N fascia cracked & delam. @ E & W.	2	5
C8. Wearing Surface:	LMC w CP (1986); spalls filled w asphalt in E-bound lanes; trans. cracking; some wider cracks; some areas of map cracking; 2 delam. areas detected, 1 unsound asphalt patch.	2	6
C9. Curbs/Sidewalks:	Rehabbed/sealed (1991); CP removed from walks; S walk reoverlayed w MMC (2000); minor HL cracking in S walk, few areas in S walk where overlay is spalled; Curbs: isolated deep spalling in S curb w exp. rebar and rust staining (N curb much better); unsound walk @ SW.	2	6
C11. Railing:	No gap bet. railing on & off bridge @ NE (fixed end); inter. coat of paint showing thru top coat; minor conc. spalls; impact damage to conc @ center of N railing.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	0		
C12. Drainage:	4 scuppers w d/s - all open; minor debris @ gutters.	1	8
C13. Expansion Joints:	Slight vert. offset @ both ends (vehicle bounce esp. @ SW); leakage w partially torn gland @ W; widespread conc. spalling around jt.; no room for exp. @ NE (railing touching over jt.); jnt. armor missing (replaced w asphalt 2019) @ W center lane; joint armor missing & repalced w asphalt in 2019.	2	5
N58. Deck Summary:	**SEE 2017 ELEMENT LEVEL INSPECTION REPORT**	**Summary Rating:**	**5**
C14. Alignment of Members:	Minor kink (impact) N-most beam; W abutment apparently shifted N (see bearings).	2	6
C15.1. Beams/Girders:	Steel beams: freckled rust (throughout); minor impact damage to 2 N-most beams @ center span (repaired 1992); heavy pitting of flanges w LOS @ W abutment; active corrosion throughout; separation bet. TF & floor @ fascia beams; worst reduction @ BF thickness from .64" to .47" @ SW (max. observed during routine inspection); pack rust between BF & coverplates in main span @ 2nd beam from N in 2 locations, bending down cover plates; some pack rust initiating @ other beams as well, worst condition in main span.	2	5
C16. Diaphragms/X-Frames:	Widespread freckled rusting; pitting; sig. LOS w perforations @ end x-frames @ W abut esp @ SW; light to moderate corr. elsewhere.	2	6
C18. Floor Beams:	Sidewalk support brackets (heavy pitting on top tension flanges - LOS) on the first two brackets from each expansion joint. (In the SMS these brackets are inventoried as diaphragms); SW bracket almost 100% LOS on diagonal compression member.	2	5
C26. Bearing Devices:	Elast. @ W abut., tilted N-ward; all bearings corr. & debris; some lifted anchor bots, widespread surface rusting.	2	6

C30. Protective Coating System (PCS): **System:** ZV **Year:** 1986 **PCS Rating:** 4

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 5 A

Signature: _____ **Bridge No.:** COUNTY #15

Rust & peeling w initial LOS @ beam ends; flanges & diaphragms; minor pitting; freckling throughout.

C32. Fatigue Prone Details: Cover Plates: pack rust forming; stitch welds starting to crack. 2 5

N59. Superstructure Summary: **Redundant; fatigue prone.** **Summary Rating:** **5**

C33. Abutment Walls: Stub abuts: widespread horiz. crack (full length) w seepage, spalls w exp. rebar, & rust stains @ W; cond. @ E much better; spall @ SW up to bearing. 2 5

C37. Pier Caps: Debris, masonry coated. 1 8

C38. Pier Columns: Masonry coated. 1 8

C39. Backwalls: Widespread rust staining & efflor. from top; minor vertical cracking; structural diag. cracking w seepage & rust staining @ all 4 corners; deep spall w conc. deter. & exp rebar @ NW; built-up efflor. & cracking @ NE. 2 5

C40. Wingwalls: Ext. cracks; efflor; widespread delam & conc. deter. @ W; wall top cracked @ NW & large spall w exp rebar (full height); mapcracking & seepage; cond. @ E much better. 2 5

C43. Slope Protection: Gravel/rocks; erosion esp. along road under abut. D/S (NW & NE). 1 7

N60. Substructure Summary: **Cathodic Protection - mounted on piers (1986). (turned off** **Summary Rating:** **5**

C1. Pavement: Asphalt overlayed (2007); map cracking; erosion of Kirby pavement into travel lane (below not considered as part of this rating). 2 6

C2. Approach Slabs: Asphalt overlayed (2007); not visible; 2 trans cracks over slab; mapcracking; severe curb deter. @ SW & SE approach.

C3. Relief Joints: Installed (1991); not cont. thru curbs (assumed rating); curbs @ all 4 corners crumbling/crushing. 2 5

C4. Embankment: Overgrown, steep w some bare soil @ SE. 1 7

C5. Guardrail: Installed (1991); minor impact damage @ E; initial signs of timber deterioration. 1 7

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): 0

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): 1

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): 1

C6. Approaches Summary: **Severe curb spalls @ S @ both sides adjacent to bridge.** **Summary Rating:** **5**

C55. Warning Signs: VC signs (new 2013). 1 9

C57. Utilities: Gas main removed, only end stubs remain, very corroded, perforated @ E; leaking seal @ E abut., sand washed onto abut seat; N conduit attached to delam. @ 2 loc. pushing down conduit. 3 3

Utilities On Structure: U U U U U U U

Bridge Inspection Report | *Routine Inspection*

SFN: 3136795

North Bend Road Bridge over Kirby Road

Date Inspected: 06/21/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 5 A

Signature: R. Reising

Bridge No.: COUNTY #15

65. Vertical Clearance: Posted 13'-6"; measured 13'-10".

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 5 A

Inspection Notes: Cathodic protection mounted on piers (1986), and abandoned.
Element level data on file.
Contacted Duke Energy about condition of the gas stubs after the 2019 inspection.

	Recommended Maintenance:	Assigned to:
1.	Replace exp. jnts. including armor @ W abutment.	Contract
2.	Repaint structure, (includes painting of Superstructure)	Contract
3.	Patch/repair NW wingwall w abutment & backwall.	Contract
4.	Chip loose conc over roadway @ N & S overhang.	TROD
5.	Plan for deck replacement w new bearings & making beams composite.	Contract
6.	Repair SW most sidewalk bracket by adding steel plate.{talk to TROD}	TROD
7.	Check conduits under bridges where attached to delaminated concrete.	Traffic
8.	Repair perforated gas main stubs (forwarded to Duke after inspection).	Duke - Gas
9.	Inspect cracked stitch welds in center span for cracking into base metal (drone).	Owner
10.	Tighten or remove nuts on a brackets @ E.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3137139

North Bend Road Bridge over Mill Creek **Date Inspected:** 04/22/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: _____ **Bridge No.:** COUNTY #16

Route: NBEND **Unit:** 3631 **Bridge Type** 322 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1995 /

Load Rating Percent 150

Inspection Information

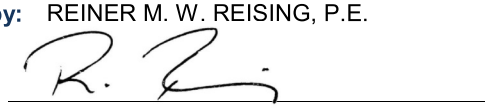
		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Trans. cracks, many w efflor. throughout.	1	7
C7.2. Edge of Floor:	Few crack with efflor. extending from parapet; widespread staining.	1	7
C8. Wearing Surface:	(Monolithic). Minor scaling; long. & trans. HL cracks, esp at bridge ends; diag. crack @ SW; no delams detected.	1	8
C9. Curbs/Sidewalks:	Minor popouts; many trans. cracks in walk.	1	7
C11. Railing:	Vert. cracks (some wider) w efflor; 2 nuts missing (N), 1 loose (S).	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	12 scuppers w d/s; tend to get clogged; nests on many downspouts; many scupper end tips rusting.	1	7
C13. Expansion Joints:	Filled w debris; hole over 3rd beam from N @ W abut w sign. leakage; possible leakage at NE; widespread corrosion of joint armor and spalling around headers.	1	7
N58. Deck Summary:	**Summary Rating: 7**		
C14. Alignment of Members:	Slight vertical curvature in W span beams (apparent sag, per design).	1	8
C15.1. Beams/Girders:	Slight sag in W span; slight impact damage E (wall const.); graffiti painted over @ E; minor BF scrapes @ N fascia E span.	1	8
C16. Diaphragms/X-Frames:	Isolated corrosion @ ends.	1	8
C26. Bearing Devices:	Elast. bearing pads; some anchor bolts slightly bent @ pier; some pads deformed lat; slight hot weather mode, no seismic ped; minor surface corrosion on bottom of a few load plates.	1	8
C30. Protective Coating System (PCS):	**System:** IZEU **Year:** 1995 **PCS Rating:** 7		
	Primer showing through in some locs; scratches @ E abutment repaired by Sunesis 2011, corrosion reappearing; initial corr. @ bearings; initial corrosion @ some cross frames; graffiti patches @ E.		
N59. Superstructure Summary:	**Redundant, not fatigue prone.** **Summary Rating: 8**		
C33. Abutment Walls:	Several vert. H/L cracks (4@W); graffiti.	1	8
C36. Pier Walls:	HL cracking.	1	8
C37. Pier Caps:	Flex. cracks with very minor efflor. In cap cantilever.	1	8
C39. Backwalls:	Few vert. cracks w excessive efflor; cracks & minor spalling on top around joint armor; 6"x3" spall @ SE at approach slab joint.	1	7
C40. Wingwalls:		1	8

Bridge Inspection Report | *Routine Inspection*

SFN: 3137139

North Bend Road Bridge over Mill Creek **Date Inspected:** 04/22/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature:  **Bridge No.:** COUNTY #16

C42. Scour:	Deep water in E span slightly DS from pier does not seem to affect the pier.	1	8

Scour Inspection Type 1

N60. Substructure Summary: **Summary Rating: 8**

C51. Channel Alignment:	Flow slightly from NW to SE; direction of flow promotes the accumulation of flow debris at the pier.	1	7
C52. Channel Protection:	Conc. rubble rip-rap (replaced @ pier - 2009); loss of vegetation and exposed erosion control material US east bank.	1	7
C53. Hydraulic Opening:		1	9

N62. Channel Summary: **Summary Rating: 7**

C1. Pavement:	Trans. crack; filled potholes; spall @NW just off approach slab.	1	7
C2. Approach Slabs:	Long. H/L cracks @ E & W; settlement @ NE walk.	1	8
C3. Relief Joints:	Extend through curbs; cracking; slight bulge.	2	6
C4. Embankment:	Overgrowing.	1	8
C5. Guardrail:	Minor impact damage, bending portions of guardrail; broken and missing b/o; minor post deter.	1	7

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): 1

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): 1

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): 1

C6. Approaches Summary: **Crack in approach walk @ NE & SE prop. from end of WW; trans. crack in approach walk @ NW & SW.** **Summary Rating: 6**

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status: 8 A**

Inspection Notes: Noticable vibration under traffic; 2021 smaller camp on lumber between bottom flanges; 2021 fence @ trail completely washed out.

Recommended Maintenance:	**Assigned to:**
1. Consider sealing deck w/ HMWM.	Contract
2. Cut 10' wide strip of vegetation @ WW's.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3136817

Plainville Road Arch over Little Duck Creek **Date Inspected:** 04/21/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature: _____ **Bridge No.:** COUNTY #17

Route: PLAIN **Unit:** 4762 **Bridge Type** 155 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1915 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C9. Curbs/Sidewalks:	Slight open joint between walk and railing; small curb spalled @ W.	1	7
C11. Railing:	Decor. conc. bridge railing w masonry coating; cracks w built-up of efflor. esp. in top portion of railing; some cracks & delam; some hollow sounding areas on inside face; top of rail spall @ NW.	2	6
N36. National Safety Feature - Bridge Railing (0, 1 or N):	0		
C12. Drainage:	Inlet at E considerably lowered {4"} than wearing surface (appears to be intentional not sunken?).	1	7
N58. Deck Summary:	**Per ODOT, filled arch deck summaries should be coded "N" Wearing surface see pavement.**	**Summary Rating:**	
C14. Alignment of Members:		1	8
C27. Arch:	Gunite coated; many small spalls, +/-21 w exp. reinf.(low cover); efflor. @ bottom of arch; multiple delam. areas +/-20 (mostly only gunite delamination); rust stains @ S @ bottom in few locations; seepage @ several locs (bottom both sides); larger spalls @ NW & SW corner near bottom; apparent crack (moist staining) @ center cold joint (covered with gunite).	2	6
C29. Arch Spandrel Walls:	Coated; few cracks w efflor; gunite repairs (1995 bottom both sides) no delams detected.	1	7
N59. Superstructure Summary:	**Redundant, not fatigue prone.**	**Summary Rating:**	**6**
C33. Abutment Walls:	Concealed,(4' wide by 5' deep full length walls); assumed rating	1	7
C40. Wingwalls:	(See spandrel wall); minor cracks; overgrown w vines; poss. delam.; spall w exp. rebar @ SW; potential global crack (evident by efflor) @ W headwall.	1	7
C42. Scour:	Rock fill placed (1991); no scour holes; flow along N side of bridge, bottom concrete pad covered with gravel deposits everywhere except very N.	1	9
Scour Inspection Type	1		
N60. Substructure Summary:		**Summary Rating:**	**7**
C51. Channel Alignment:	Channel makes sharp curve +/- 80' US ; stream flows against N arch wall under bridge.	2	6
C52. Channel Protection:	6" thick concave conc. channel liner under bridge, mostly covered with gravel; continued severe erosion of the embankments US.	2	5
C53. Hydraulic Opening:	Significant accumalation of gravel under bridge.	1	7
N62. Channel Summary:		**Summary Rating:**	**5**

Bridge Inspection Report | *Routine Inspection*

SFN: 3136817

Plainville Road Arch over Little Duck Creek

Date Inspected: 04/21/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 A

Signature: R. Reising

Bridge No.: COUNTY #17

C1. Pavement:	Asphalt resurfaced (1997); widespread deep (>1") cracks in top course; potholes forming, esp around sewer MH.	3	4
C4. Embankment:	Steep drop @ SW; overgrown everywhere.	1	7
C5. Guardrail:	Installed (1992) SE only; minor deter. wood posts & blockouts.	1	7

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): 0

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): 1

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): 1

C6. Approaches Summary: **Summary Rating:** **4**

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **6 A**

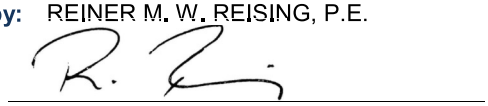
Recommended Maintenance:	**Assigned to:**
1. Discuss patching spalls in arch & protecting rebar w B. Lecrone.	Other
2. Seal joint between railing and walks with Sika Flex.	TROD
3. Sweep walks along railing.	TROD
4. Resurface with approaches.	Street Rehab

Bridge Inspection Report | *Routine Inspection*

SFN: 3136841

Red Bank Expwy Culvert at Deerfield Channel North of Duck Creek **Date Inspected:** 05/20/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature:  **Bridge No.:** COUNTY #18

Route: REDBK **Unit:** 123 **Bridge Type** 195 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1969 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N): N			
C44. Culvert - General:	Seepage w efflor. - part. @ jts; settlement produced trans. cracks (1 @ center open 3/8"); see "Under Water Inspection Report"	2	6
C45. Culvert - Alignment:	Slight offsets (orig const); apparent settlement produced cracking. (See underwater report)	2	6
C48. Culvert - Head/End Walls:	N HW & W WW spalled @ W end w loss of support for most W railing post; efflor. @ top of culvert. Slope failure @ end of S WW has caused the failure of the most E railing (soil has slid over WW); cracks & sig. efflor; {ASR?} @ metal handrail post bases @ SW impacting 2 railing posts; S wing walls control rating, N in much better condition.	2	5
C49. Culvert - Scour:	No scour d/t excess. soil & rock accum.	1	9
Culvert Scour Inspection Type: 3			
N60. Culvert Summary:	**CLF surrounds the US end. Latest under water inspection 4/18/2017 Unable to access culvert due to depth of water inside. Chain link fence & poison ivy.**	**Summary Rating:**	**6**
C51. Channel Alignment:	E embankment moderate slumping (DS); channelized US.	1	8
C52. Channel Protection:	US concrete; DS natural stream bed.	1	8
C53. Hydraulic Opening:	Permanently partially filled with water; 2021 low flow condition {18" of water} @ US.	2	6
N62. Channel Summary:		**Summary Rating:**	**6**
C1. Pavement:	Asphalt overlayed (2018); isol cracking, not culvert related.	1	8
C4. Embankment:	Red Bank embankment on pile wall 2017 mitigating previous erosion issues.	1	8
C5. Guardrail:	Street widening (2017/2018); guardrail ends beyond culvert.		
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N			
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): 1			
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N			
C6. Approaches Summary:		**Summary Rating:**	**8**

Bridge Inspection Report | *Routine Inspection*

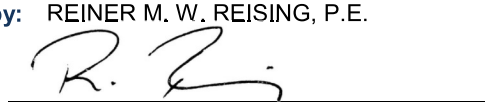
SFN: 3136841

Red Bank Expwy Culvert at Deerfield Channel North of Duck Creek

Date Inspected: 05/20/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 A

Signature: 

Bridge No.: COUNTY #18

65. Vertical Clearance:

Vert. Clearance Rating: N

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 6 A

Inspection Notes: Overgrown north entrance (2019). Water level at US end assumed to be +/- 4 ft during low flow conditions.

General Notes: Underwater inspection by FMSM - June 2007.
Underwater inspection by Stantec - June 2012.
Underwater inspection by Terracon 4/18/2017
DS pile wall construction (2017) as part of the Duck Creek Rd Extension project.

Bridge Inspection Report | *Routine Inspection*

SFN: 3136868

Red Bank Expwy Culvert at Deerfield Channel South of Madison **Date Inspected:** 12/03/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** COUNTY #19

Route: REDBK **Unit:** 65 **Bridge Type** 195 / NNN **Date Built / Date Rehabbed:** 1970 /

Load Rating Percent 150 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N): 0			
C44. Culvert - General:	Numerous trans. cracks w efflor; staining/rust, stalactites mostly @ construction jts; otherwise minor, and mostly HL, cracking w some efflor; 1 crack w ext. stalactites just N of inlet of big sewer pipe; cracks in center 1/3 of tunnel {dry}, others w moisture/dripping in 2021.	1	7
C45. Culvert - Alignment:	Slight (orig. const.) offsets @ jts.	1	8
C48. Culvert - Head/End Walls:	S: area of efflor. (alcali silica) and spalling at fence post base. N: single spall at bottom at east and widespread minor concrete damage (less than 1: deep) at top of opening; railing @ S perforated.	1	7
C49. Culvert - Scour:	Lined w conc. inside culvert & also US.	1	9
Culvert Scour Inspection Type: 1			
N60. Culvert Summary:	**Summary Rating:**		**7**
C51. Channel Alignment:		1	9
C52. Channel Protection:	Minor slumping US of conc. apron; DS rock protection	1	7
C53. Hydraulic Opening:		1	9
N62. Channel Summary:	**Summary Rating:**		**7**
C1. Pavement:	Asphalt overlay- many wider{apparently reflective} cracks, rutting asphalt; isol. potholes forming.	2	6
C4. Embankment:	Overgrown.	1	8
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N			
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N			
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N			
C6. Approaches Summary:	**No apparent correlation between pavement issues and culvert.** **Summary Rating:**		**6**

Bridge Inspection Report | *Routine Inspection*

SFN: 3136868

Red Bank Expwy Culvert at Deerfield Channel South of Madison

Date Inspected: 12/03/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature:

Bridge No.: COUNTY #19

65. Vertical Clearance:

Vert. Clearance Rating: N

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 7 A

Inspection Notes: 2020 Element Level data on file.

Recommended Maintenance:	Assigned to:
1. Consider concrete repairs to S headwall now that the area is more visible.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3136922

Seymour Avenue Bridge over Mill Creek **Date Inspected:** 04/22/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** COUNTY #20

Route: SEYMR **Unit:** 3641 **Bridge Type** 322 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1994 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	HL cracking (mostly trans.) w very minor efflor.	1	8
C7.2. Edge of Floor:	Isol HL cracking; efflor; staining.	1	8
C8. Wearing Surface:	Few HL cracks, isolated pop-outs; 2 larger spalls patched w concrete 2018; several smaller spalls patched w asphalt; 14 delaminated areas detected (2018), still smooth riding.	1	7
C9. Curbs/Sidewalks:	Walk on N side & curb @ S; HL vert. cracks in curbs some w minor efflor., widespread small popouts; N curb @ E approach slab broken; minor settlement @ NW approach walk.	1	7
C11. Railing:	Regularly spaced vert. cracks w efflor.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	10 scuppers w d/s @ S, all open.	1	9
C13. Expansion Joints:	Filled w debris; rust on armor @ fascias; widespread minor conc. spalls around armor; isolated leakage, seal torn @ SE.	2	6

N58. Deck Summary: **Summary Rating: 8**

C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Graffiti; staining from fires @ E.	1	8
C16. Diaphragms/X-Frames:	Abut. x-frames @ gas utility field modified (1995) d/t interference; minor initial corr. @ abut. x-frames d/t leakage.	1	8
C26. Bearing Devices:	Elast. bearing pads; slight rusting; few pads @ beams exhibit minor lat. dist. towards (US).	1	8

C30. Protective Coating System (PCS): **System:** IZEU **Year:** 1994 **PCS Rating:** 8

Rusting @ bearings; general fading and widespread staining; stains in utility bays; possible isolated areas of peeling and flaking with minor corrosion.

N59. Superstructure Summary: **Redundant; not fatigue prone.** **Summary Rating: 8**

C33. Abutment Walls:	Few minor shrinkage cracks; vert. cracking w minor efflor.; graffiti; slight fire staining @ E; spalls around utility protrusions.	1	7
C36. Pier Walls:	Graffiti	1	8
C37. Pier Caps:	Minor cantelever HL flexural cracks w. slight efflor.	1	8
C38. Pier Columns:	(Pedestals)	1	9
C39. Backwalls:	Minor vert. cracks w efflor; ext. rust stains from above @ W& SE; cracks & widespread spalls on topside @ jt. armor (see expansion joint); seal to approach slab torn in isol.	1	8

locations.

C40. Wingwalls:		1	8
C42. Scour:	Slight depression in channel bottom @ NW end of pier, appears to be filling with sand.	1	8
Scour Inspection Type	1		
C43. Slope Protection:	Dump rock @ abutments.	1	8
N60. Substructure Summary:	**Summary Rating:**		**7**
C51. Channel Alignment:	All flow to W of pier; silt build-up @ E; scour hole forming @ pier US; flow E of pier in oppositedirection (N ward) from drain pipe leading into Mill Creek S of the bridge.	1	7
C52. Channel Protection:	Dump rock @ both abuts.	1	8
C53. Hydraulic Opening:	Sandbar forming DS of pier.	1	9
N62. Channel Summary:	**Summary Rating:**		**7**
C1. Pavement:		1	7
C2. Approach Slabs:	Few long. HL cracks; few full length long. cracks, many smaller shorter cracks; compression seal between approach slab and backwall torn at some locations.	1	8
C3. Relief Joints:	Extends through curb; wider gap @ W, with map cracking; cracking @ E; small pothole @ W relief joints.	2	6
C4. Embankment:	Overgrowing; cleared at SE with cuttings dumped down the embankment.	1	8
C5. Guardrail:	Minor wood deter. & some dents, esp. @ SW.	1	7
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	1		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	1		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	1		
C6. Approaches Summary:	**Summary Rating:**		**6**
C57. Utilities:	Water main not supported on 2nd hanger from W & 1st from E; corr. in utility bays. Condensation and or leakage of center pipe ongoing w dirt/drip marks below. New 2021? wrapping of gas main (N utility).	1	7
Utilities On Structure:	U Y U U U Y U		
65. Vertical Clearance:	**Vert. Clearance Rating:**		N
N59. General Appraisal and Oper. Status:	**General Appraisal / Operational Status:**		**7 A**

Bridge Inspection Report | *Routine Inspection*

SFN: 3136922

Seymour Avenue Bridge over Mill Creek

Date Inspected: 04/22/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: R. Reising

Bridge No.: COUNTY #20

General Notes: Noticable vibration under truck traffic; dumping of brush & mattresses @ NW & SE.

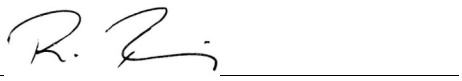
	Recommended Maintenance:	Assigned to:
1.	Consider replacing exp. jt. seals.	Contract
2.	Consider overlay replacement.	Contract
3.	Square off & patch w fast set concrete at two small spalls in wearing surface.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3137074

Spring Grove Avenue Bridge over Mill Creek East of Kings Run **Date Inspected:** 11/09/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature:  **Bridge No.:** COUNTY #21

Route: SPRNG **Unit:** 490 **Bridge Type** 322 / NNN **Date Built / Date Rehabbed:** 1993 /

Load Rating Percent 150 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Covered with spider webs; possible HL cracking w/o efflor.; staining around 2nd scupper from W @ S, where wearing surface is delaminating.	1	8
C7.2. Edge of Floor:	2 bars @ NW cant. visible (very low cover); transverse & horiz cracks, some w efflor.; areas w efflor between slab & sidewalk.	1	8
C8. Wearing Surface:	Wearing surface @ N replaced (1999); very minor isol. cracks; 3 small delams detected @ W/SW.	1	8
C9. Curbs/Sidewalks:	Trans. cracks, wider in negative moment region; widespread minor popouts; patch @ NW walk; minor ponding @ S curb.	2	6
C11. Railing:	Parapet w double pipe rail; some cracks w efflor esp. @ rail posts; wide gaps bet. alum. pipes @ exp. jts; severe cracking w efflor. @ SE approach (embedded wood) & sev. ASR on outside of railing; impact dent @ S center; widespread bug holes in concrete portion of railing; missing cap @ SW top rail.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	16 scuppers w d/s - all open; minor ponding at S curb.(not observed 2021)	1	8
C13. Expansion Joints:	Strip seals tight (See Item 24); missing bolt @ NW cover plate; debris filled; isol apparent leakage, esp @ NE and N half of W joint; spalls in conc. header around jt. armor, esp @ W; NE joint armor severly corroding w LOS near curb; joint armor may be too corroded to allow installation of new gland.	2	6
N58. Deck Summary:		**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Minor initial corr. @ some beam ends (see bearings).	1	8
C16. Diaphragms/X-Frames:	Rust w initial LOS @ end x-frame @ SW & NW and esp. @ NE joint under leak.	1	8
C26. Bearing Devices:	Elast. bearing pads; abut. bearings in hot weather mode @ 40 degrees SE bearing leaning .3" (16%) @ 40deg; (except SW bearings); corrosion esp @ 2nd and 3rd from N @ W and 1st and 2nd from N @ E.	1	7

C30. Protective Coating System (PCS): **System:** OZEU **Year:** 1993 **PCS Rating:** 4

Widespread flaking of top coat - esp. on x-frames & beams esp. in E span; chalking @ fascia beams; inter. coat mostly intact; isol. rust forming @ bearings bottom of flanges.

N59. Superstructure Summary: **Noticible LL vibration.** **Summary Rating:** **8**

C33. Abutment Walls:	Stub abutments; widespread vert. HL shrinkage cracks w minor efflor; exp. reinf. @ face of W abut. from insufficient cover; graffiti; moisture & wet stains @ N half of W abutment.	1	7
C36. Pier Walls:	Minor vert. crack @ center	1	8

Bridge Inspection Report | *Routine Inspection*

SFN: 3137074

Spring Grove Avenue Bridge over Mill Creek East of Kings Run **Date Inspected:** 11/09/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** COUNTY #21

C37. Pier Caps:	Minor flex. cracks @ cantilevers, w very little efflor @ N.	1	8
C39. Backwalls:	Vert. cracks w efflor @ W; spalling; rust stains @ S & N (outer bays); cracks on top side.	1	7
C40. Wingwalls:	NE WW settled 1"; several cracks w efflor. @ SE.	1	7
C42. Scour:	Conc. channel-lining.	1	9

Scour Inspection Type 1

N60. Substructure Summary: **Summary Rating: 7**

C51. Channel Alignment:	Concrete channel US and DS	1	9
C52. Channel Protection	Conc. lined channel; some spalling around joints; misaligned vertical channel walls @ NE (assumed to be construction).	1	8
C53. Hydraulic Opening:		1	9

N62. Channel Summary: **Ongoing channel work DS (2016)** **Summary Rating: 8**

C1. Pavement:	Cracks on W sides of bridge extending full width - sealed; some long. cracks w potholes forming @ W, alligator cracking in wheel path @ SW; better @ E.	2	6
C2. Approach Slabs:	Cracks perp. to BW.	1	8
C4. Embankment:		1	9
C5. Guardrail:	S side only; minor discoloration; initial wood det.	1	7

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): 1

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): 1

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): 1

C6. Approaches Summary: **Slight settlement of approach walks.** **Summary Rating: 6**

C57. Utilities:	Leakage @ utility backwall protrusion @ W causing corr @ end diaphram.	1	7

Utilities On Structure: N Y N Y N N N

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 A**

Inspection Notes: Excessive spider webs cover entire structure and conceal possible cracking.
New pavement markings being installed 2021.

Bridge Inspection Report | *Routine Inspection*

SFN: 3137074

Spring Grove Avenue Bridge over Mill Creek East of Kings Run

Date Inspected: 11/09/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: _____

Bridge No.: COUNTY #21

Recommended Maintenance:		Assigned to:
1.	Clean structural steel & abuts. of spider webs & dust, and repaint struct. steel.	Contract
2.	Discuss replacing joint glands.	TROD
3.	Cap top railing tube @ SW approach.	Contract
4.	Consider repainting (beam ends/bearings).	Contract
5.	Cut vegetation from wing wall 10' wide.	

Bridge Inspection Report | *Routine Inspection*

SFN: 3137031

Spring Grove Avenue Bridge over Mill Creek South of Colerain **Date Inspected:** 11/01/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature:  **Bridge No.:** COUNTY #22

Route: SPRNG **Unit:** 245 **Bridge Type** 322 / NNN **Date Built / Date Rehabbed:** 1970 /

Load Rating Percent 150 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Few trans. cracks throughout w little efflor; much worse in N span w isol. map cracking w efflor. (stalactites) esp one area @ N center; formwork left in place in a few area's; few deep spalls w exp rebar; full depth patches w exp rebar @ perimeter.	1	7
C7.2. Edge of Floor:	Some wider cracks w built up efflor	1	7
C8. Wearing Surface:	MMC overlay w polyfibers (1999); HL cracks throughout; long. & map cracks; many shallow spalls (+/- 67) some filled w asphalt, large cracked patch @ N, otherwise smooth riding surface; widespread delams detected by sounding throughout.	2	5
C9. Curbs/Sidewalks:	Minor trans. cracks; curb delam & spalls @ E; NW walk wedge to exp. jt. breaking up; minor long cracks @ top of curb forming.	1	7
C11. Railing:	Vert. cracks w effl. @ fascia; 1/8" gap @ NW bet. railing & parapet @ abut. @ 80 F; spall @ outside SE; spall @ NW pilaster; SW internal splice tube not connecting both rail tubes (top rail); railing @ NE covered w conc from ODOT work above.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	6 inlets, mostly clogged.	3	4
C13. Expansion Joints:	Strip seals installed (1999); debris in jt; missing bolts @ many s/w coverplates.	1	8

N58. Deck Summary: **Summary Rating: 7**

C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Insignificant LOS @ exp. jts. - arrested by painting (initial corr. reappearing); 1-1/2" removed on beams @ S to allow for exp. (1991); slight def. of BF (bottom flange wave) of 5th beam from E - N span and W most beam @ N; initial corr. @ bearing; corrosion of beam ends over some bearings @ S abutment & isol @ TF's (@ utilities & E fascia); corr. & stalactites from TF @ N under large patch.	1	7
C16. Diaphragms/X-Frames:	LOS & active corrosion @ exp. jts - under utilities; 1 end diaphragm torch cut; N abut. beam 2nd from W, painted over; corr. of end diaphragms @ S abut. under utilities; very isol corr.	1	7
C26. Bearing Devices:	Rehabbed (1991); mixed between extreme hot/cold weather modes caused by sliding of mason plates; many bearings tilted significantly esp @ S (see attached movable bearing inspection form); corr. on bearings; pitting near utility protrusion.	2	6

C30. Protective Coating System (PCS): **System:** OZEU **Year:** 2004 **PCS Rating:** 7

Top coat appears thin in several locs; foreign objects embedded in paint; minor corr. starting @ abut. bearings & BF.

C32. Fatigue Prone Details:	Coverplates: end weld on beam 1 from E missing in N center span.	1	8

N59. Superstructure Summary: **Redundant; fatigue prone.** **Summary Rating: 7**

Bridge Inspection Report | *Routine Inspection*

SFN: 3137031

Spring Grove Avenue Bridge over Mill Creek South of Colerain **Date Inspected:** 11/01/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature:  **Bridge No.:** COUNTY #22

C33. Abutment Walls:	Stub abuttments: vert. cracks, some w efflor & S; minor popouts; moisture.	1	7
C36. Pier Walls:	Minor vert. cracks w efflor. @ N face of N pier; pier on piles.	1	8
C39. Backwalls:	Vert. cracks; seepage w efflor; rust stains/leakage @ utilities; sev. cracks and spalls on top of B/W @ roadway surface.	2	6
C40. Wingwalls:		1	8
C42. Scour:	Rock fill placed @ S pier (1991).	1	9

Scour Inspection Type 1

N60. Substructure Summary: **Summary Rating: 7**

C51. Channel Alignment:		1	9
C52. Channel Protection	Rip-rap protection on banks only.	1	8
C53. Hydraulic Opening:	Very minor flow debris & trash @ both piers.	1	8

N62. Channel Summary: **Summary Rating: 8**

C1. Pavement:	Few cracks; some potholes forming @ S, esp near approach slab.	1	7
C2. Approach Slabs:	Overlayed (1999); map cracking w deep potholes forming near BW @ N & S; long. cracks; deep holes forming @ edge of pavement; full depth patch @ N(duke energy work) 2019.	2	6
C4. Embankment:	Overgrown & steep.	1	8

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **Approach walk settled SW; curb spalls & crumbling @ SE.** **Summary Rating: 6**

C57. Utilities:	Some broken straps on PVC conduit (phone?); many transite conduits broken @ N & S (many empty); noise from inside of pipes; leakage & rust stains & efflor. @ BW @ utilities.	2	6

Utilities On Structure: N N N Y N N N

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 A**

Inspection Notes: Downstream conduit bundle is transite (ACM). Conduit broken in various locations.
Camps @ both abutments 2021.
2021 ongoing ODOT construction causing debris in inlets & gutters & splattering portions of walks & railing.

General Notes: Beam ends cut (1991).

Bridge Inspection Report | *Routine Inspection*

SFN: 3137031

Spring Grove Avenue Bridge over Mill Creek South of Colerain

Date Inspected: 11/01/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: 

Bridge No.: COUNTY #22

Recommended Maintenance:		Assigned to:
1.	Clean out inlets.	ODOT
2.	Plan for wearing surface replacement and curb repairs	Contract
3.	Reset abutment bearing plates & add anchor bolts to prevent shifting.	Contract
4.	Remove vegetation from railing.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3137155

West Fork Road Bridge over Tributary of West Fork Channel

Date Inspected: 04/20/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: R. Reising

Bridge No.: COUNTY #23

Route: WFORK **Unit:** 598

Bridge Type 231 / NNN **(Main/Approach Spans)**

Date Built / Date Rehabbed: 1999 /

Load Rating Percent 150

Inspection Information	Rating 1 to 4	Rating 9 to 0
C7.1. Floor: See item 15.	1	8
C7.2. Edge of Floor: Few cracks w efflor.	1	8
C8. Wearing Surface: HL long. & some HL map cracking; smooth riding, no delam detected.	1	8
C9. Curbs/Sidewalks: Curb replaced 2012; minor scattered popouts in walk.	1	7
C11. Railing: Stone mortar deter; minor vert. cracks @ railing windows & top of railing (without efflor); top of SE pillar concrete crumbling.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N): 1		
C12. Drainage: Debris accumalating @ NE & SE off end of bridge.	2	6
C13. Expansion Joints: Sealed with hot asphalt (2014).	1	8
N58. Deck Summary: **Summary Rating: 8**		
C14. Alignment of Members:	1	9
C15.1. Beams/Girders: 1 patched spall (beam 2 from E); fascia grout det. in vert. wedge b/w beam end & BW (vert. beam edge is rough); very minor random microcracking @ bottom of fascia beams; rusting utility threads @ abutments(where no rods were inserted) in the beam carrying sewer pipe; staining on several beams, assumed to be from casting.	1	8
C26. Bearing Devices: Elast. (concealed).	1	8
N59. Superstructure Summary: **Redundant; not fatigue prone.** **Summary Rating: 8**		
C33. Abutment Walls: Minor HL cracks around sewer pipe; traces of leakage of sewer pipe seal (S); graffiti; moisture @ all 4 corners (fascia); minor spall @ SW corner; graffiti.	1	8
C40. Wingwalls: Few minor hairline cracks w little efflor.	1	8
C42. Scour:	1	9
Scour Inspection Type 1		
C43. Slope Protection: Dump rock and old abutments.	1	9
N60. Substructure Summary: **Goose roosting on S abutment during 2021 inspection.** **Summary Rating: 8**		

Bridge Inspection Report | *Routine Inspection*

SFN: 3137155

West Fork Road Bridge over Tributary of West Fork Channel **Date Inspected:** 04/20/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: _____ **Bridge No.:** COUNTY #23

C51. Channel Alignment:		1	8
C52. Channel Protection:	Old bridge abut. & T-wall (1991); channel slumping US with apparent continued erosion; minor conc. damage (spalling) to old abutment walls, concrete channel breaking up under bridge w exp rebar & initial undermining.	2	5
C53. Hydraulic Opening:		1	9
N62. Channel Summary:	**Summary Rating:**		**5**
C1. Pavement:	Settlement west off approach slab 2 1/8" with ponding @ NE & SW; minor pavement cracking developing @ S.	1	8
C2. Approach Slabs:	Long. cracks, full length @ N (2) & S.	1	7
C4. Embankment:	Steep and overgrown.	1	8
C5. Guardrail:	Wood; deter. of wood - esp. b/o @ SW & NW	2	6
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	0		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	0		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	0		
C6. Approaches Summary:	**Settlement 2 1/8" @ NE pavement.** **Summary Rating:**		**6**
C57. Utilities:	4 S-most pipe hangers not effective (ongoing condition which has not been an apparent problem).	2	5
	Utilities On Structure: N N Y N N N N		
65. Vertical Clearance:	**Vert. Clearance Rating:**		N
N59. General Appraisal and Oper. Status:	**General Appraisal / Operational Status:**		**8 A**

Inspection Notes: Tie rod ends not grouted @ fascia beams; goose roosting in front of S abutment in 2021.

Recommended Maintenance:	**Assigned to:**
1. Consider sealing deck and curb w/ HMWM.	Contract
2. Replace guardrail blockouts at SW.	TROD
3. Flex Seal gap b/w exp. jt. seal & railing pylon in SW approach walk and cover exp. PEJF @ SW bridge pylon.	TROD
4. Seal joint between approach pavement & approach slab with hot applied asphalt.	TROD
5. Clear vegetation from railing @ SW.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3137147

West Fork Road Bridge over West Fork Channel - 2nd W of Montana **Date Inspected:** 04/20/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: 

Bridge No.: COUNTY #24

Route: WFORK **Unit:** 589 **Bridge Type** 231 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1999 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	See item 15.1 Beams.	1	8
C7.2. Edge of Floor:	Isol. HL cracks w efflor.; formties exposed.	1	8
C8. Wearing Surface:	Long. HL cracks; 3 small spalls +/- 0.5sqft (2 w exp rebar @W) & delams @ W (+/- 20' sqft delam).	1	7
C9. Curbs/Sidewalks:	N curb replaced (2012); popouts & scrapes from vehs.; settlement @ E approach (2" @ NE); sidewalk cracked/delamed @ E appr. slab +/- 1 sf; cracks under S curb (water stop issue) with curb being undermined @ several locations; lots of gravel/debris on sidewalk.	2	6
C11. Railing:	Small vert. cracks from windows no efflor.; 2 pilasters @ NE with inpact damage and decorative stones shifted or missing; widespread scrapes from impact.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	2 street inlets off S end of bridge; ponding off approach slabs; excessive debris in gutters.	2	6
C13. Expansion Joints:	Covered w hot applied asphalt; deteriorated & deformed esp. @ E.	1	7
N58. Deck Summary:		**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Spall @ SE fascia beam bottom; minor isolated staining in center; minor microcracking (long.) at bottom corners of some beams; minor delam @ W{4th beam from N}; minor rust staining @ E abutment {3rd beam from S}; 3 joints @ W (3rd through 5th from S) have staining & white substance @ abutment & 5 joints @ E have slight staining.	1	8
C26. Bearing Devices:	Elast. (barely visible).	1	8
N59. Superstructure Summary:	**Redundant; not fatigue prone.**	**Summary Rating:**	**8**
C33. Abutment Walls:	Isol. vert. HL cracks esp. @ weepholes; scaling under weephole @ E; graffiti; 2x4 stuffed in weephole; 3 spots of staining, 2 of the 3 stains are more severe(lichen) @ E abutment indicating active leakage.	1	8
C40. Wingwalls:	Vert. HL crack @ SE w minor efflor.	1	8
C42. Scour:	Old abuts. act as conc. channel protection.	1	9
Scour Inspection Type	1		
C43. Slope Protection:		1	8
N60. Substructure Summary:	**Semi-integral; exp. top of drilled shafts - some backfill may be washed out.**	**Summary Rating:**	**8**

Bridge Inspection Report | *Routine Inspection*

SFN: 3137147

West Fork Road Bridge over West Fork Channel - 2nd W of Montana **Date Inspected:** 04/20/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: R. Reising **Bridge No.:** COUNTY #24

C51. Channel Alignment:		1	9
C52. Channel Protection:	Channel walls; grouted conc. rip-rap @ channel floor; rip-rap bet. abut. & channel wall; grouted rip-rap sev. undermined in front of old abut @ E; US channel eroding @ NW.	2	6
C53. Hydraulic Opening:		1	9
N62. Channel Summary:	**Summary Rating:**		**6**
C1. Pavement:	Approach pvmt. smooth, but settled @ E settling - approx. 1-1/2" offset bet. pvmt. & approach slab (settlement @ E bouncing vehicles upon entering).	2	6
C2. Approach Slabs:	Scaling/spalling of conc. walk along railing @ NE; scaling & crack @ approach walks; long. cracks in slab.	1	8
C4. Embankment:	Overgrowing; very steep; dump rock.	1	7
C5. Guardrail:	Ext. wood deter; severe impact damage @ NE & SE; 3 posts broken @ SE; severe post deter. @ NW.	4	1
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	1		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	1		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	1		
C6. Approaches Summary:	**Approach curb settled & cracked @ NE; 1-1/4" offset bet. approach slab curb & approach curb; 1-3/4" @ NE appr. walk.**	**Summary Rating:**	**1**
65. Vertical Clearance:	**Vert. Clearance Rating:**		N
N59. General Appraisal and Oper. Status:	**General Appraisal / Operational Status:**		**8 A**

Inspection Notes: Gravel & gutters on walks.

General Notes: This route goes through the park, maintaining agency not quite clear (Parks?, County?)

Recommended Maintenance:	**Assigned to:**
1. Replace guardrails.	Contract
2. Replace S curb where spalled.	TROD
3. Patch deck overlay spalls before sealing deck.	TROD
4. Place hot applied seal over exp joints where cracked.	TROD
5. Consider sealing deck with HMWM.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3137090

West Fork Road Bridge over West Fork Channel at Montana **Date Inspected:** 06/11/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature: _____ **Bridge No.:** COUNTY #25

Route: WFORK **Unit:** 646 **Bridge Type** 231 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1928 / 1991

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	More than typical joint leakage in 2021, see inspection note.	1	7
C8. Wearing Surface:	Full-length partially wider long. cracks (reflective of beams); some trans. cracks over pier; few patches @ back wall & center joint(2021). Wearing surface to receive high-friction course later in 2021.	1	7
C9. Curbs/Sidewalks:	Widespread trans. cracks; popouts; walks sealed w silane (2000); E curb rebuilt 2019; patched esp. around joints.	1	7
C11. Railing:	Moderate impact damage in metal portion at sev. Locations; some tubular members bent; Few vert. cracks w efflor. In conc. Portion; minor additional impact damage to metal railing adjacent to bridge(bending).	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	Street inlets off bridge (minor debris accum. in gutter).	1	8
C13. Expansion Joints:	Small compression seal; leakage @ N; many areas covered w hot applied asphalt; temporarily removed in 2021 for work on wearing surface.		
N58. Deck Summary:	**Summary Rating:**		**7**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Prestressed box beams (1992); seepage & efflor. stains @ several jts. w damp areas; beam 4 from E in N span has apparent shallow delam near midspan. {+/- 3' long x 1' wide}. In 2021 more leakage than usual was observed between the beams and at the abutments since the expansion joints had been temporarily remvoed to patch the wearing surface and prepare for high friction course.	1	7
C26. Bearing Devices:	Elast. (1992) - concealed.	1	8
N59. Superstructure Summary:	**Redundant; not fatigue prone.** **Summary Rating:**		**7**
C33. Abutment Walls:	Original construction: Full height cracks w efflor. up to 0.07" @ N center; 2 spalls @ horiz. crack const. jnt. @ N abut and 1 @ S abutment, isolated gunite peeling & heavy built-up efflor. @ S; both abuts. extremely wet & stained from jt. leakage in 2021; crack @ E side of N abutment; widespread gunite spray.	2	6
C34. Abutment Caps:	Rehabbed top portion of abutment (4 feet+/-): Ext. cracking w efflor. esp. @ N; seepage through cracks & spalling; cracks are wide and often originating from weepholes; both abutment caps completely wet in 2021 (temporary prep work for high friction course).	2	6
C36. Pier Walls:	Original pier on spread footing: HL cracks w efflor. -one full height crack; moss; graffiti; efflor. @ US pier nose; partially covered w gunite.	1	7
C37. Pier Caps:	Rehabbed top of pier: moss, minor crack w efflor.	1	8
C39. Backwalls:	Several patches 2021.	2	6

Bridge Inspection Report | *Routine Inspection*

SFN: 3137090

West Fork Road Bridge over West Fork Channel at Montana **Date Inspected:** 06/11/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature: _____ **Bridge No.:** COUNTY #25

C40. Wingwalls:	Cracking w efflor; gunite coating w efflor. on older portion; large cracked area @ NE.	1	7
C42. Scour:	Conc. channel. Some water apparently traveling around pier despite channel protection.	1	9
Scour Inspection Type	1		
C43. Slope Protection:	Conc.; minor settlement @ both abutments; some cracking.	1	7
N60. Substructure Summary:	**Substructure exceptionally wet in 2021; see inspection note, joints removed.**	**Summary Rating:**	**6**
C51. Channel Alignment:		1	9
C52. Channel Protection:	Widespread cracks, scaling & spalls in channel bottom - esp. @ const. jts; allowing floods to undermine the slope protection of the bridge; water migrating under pier @ NE (water running out of gap between channel protection and pier); widespread washing out of backfill behind channel walls US and DS of bridge.	2	6
C53. Hydraulic Opening:		1	9
N62. Channel Summary:		**Summary Rating:**	**6**
C1. Pavement:	New pvmt. (2021 @ N); trans. cracks; N approach to be treated w friction course in later 2021; area of light alligator cracking @ S.	1	7
C2. Approach Slabs:	Full length crack @ NW; diag. crack @ NE; impact damage @ curbs; cracks perp. to BW; curb settled @ SW; patches @ backwall 2021.	1	7
C4. Embankment:	Overgrown, steep, NW no longer walkable due to tree and private wall collapse.	1	7
C5. Guardrail:	1991. (only S), low @ SW.	1	8
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	1		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	0		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	1		
C6. Approaches Summary:		**Summary Rating:**	**7**
C57. Utilities:		1	8
		Utilities On Structure:	N Y N Y N N N
65. Vertical Clearance:		**Vert. Clearance Rating:**	N
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**6 A**

Inspection Notes: Element level report for 2020 inspection available; prep work for friction course overlay going on in 2021 w joints opened & wearing surface patches causing more than usual leakage.

Bridge Inspection Report | *Routine Inspection*

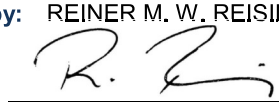
SFN: 3137090

West Fork Road Bridge over West Fork Channel at Montana

Date Inspected: 06/11/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 A

Signature: 

Bridge No.: COUNTY #25

Recommended Maintenance:		Assigned to:
1.	Fill gap between pier wall and channel protection with hydraulic cement (submitted to TROD later 2021).	TROD
2.	Sweep sidewalks.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3137082

Western Hills Viaduct

Date Inspected: 05/28/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 4 P

Signature: R. Reising

Bridge No.: COUNTY #26

Route: WHVIA **Unit:** 0

Bridge Type 363 / 153 (Main/Approach Spans)

Date Built / Date Rehabbed: 1931 / 1978

Load Rating Percent 100

Inspection Information

	Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	3	4
C7.2. Edge of Floor:	4	1
C8. Wearing Surface:	1	7
C9. Curbs/Sidewalks:	2	6
C11. Railing:	3	4
N36. National Safety Feature - Bridge Railing (0, 1 or N):		
C12. Drainage:	4	1
C13. Expansion Joints:	2	5
N58. Deck Summary:	**Summary Rating:**	**4**
C14. Alignment of Members:	1	8
C15.1. Beams/Girders:	3	4
C15.2. Slab:	3	4
C16. Diaphragms/X-Frames:	2	6
C17. Stringers:	2	6
C18. Floor Beams:	3	4
C26. Bearing Devices:	3	4
C27. Arch:	2	5
C28. Arch Columns/Hangers:	2	5
C29. Arch Spandrel Walls:	3	4
C30. Protective Coating System (PCS): System: Year: 1978	PCS Rating:	3
C32. Fatigue Prone Details:	1	7
N59. Superstructure Summary:	**Summary Rating:**	**4**

Bridge Inspection Report | *Routine Inspection*

SFN: 3137082

Western Hills Viaduct **Date Inspected:** 05/28/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 4 P

Signature: _____ **Bridge No.:** COUNTY #26

C33. Abutment Walls:	2	6
C37. Pier Caps:	3	4
C38. Pier Columns:	3	4
C40. Wingwalls:	2	6
C42. Scour:	1	9
Scour Inspection Type 1		
N60. Substructure Summary:	**Summary Rating:**	**4**
C51. Channel Alignment:	1	9
C52. Channel Protection:	1	8
C53. Hydraulic Opening:	1	9
N62. Channel Summary:	**Summary Rating:**	**8**
C1. Pavement:	1	7
C4. Embankment:	1	8
C5. Guardrail:	2	6
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):		
C6. Approaches Summary:	**Summary Rating:**	**6**
C57. Utilities:	4	1
Utilities On Structure: Y Y N Y N Y Y		
65. Vertical Clearance:	**Vert. Clearance Rating:**	1
N59. General Appraisal and Oper. Status:	**General Appraisal / Operational Status:**	**4 P**

Inspection Notes: New overlay & guard rail @ State st. 2020 (as part of Lick Run Project, guardrail installed incorrectly, needs to be modified, contractor notified.); rail yard portion inspected 4-22-2021 due to flagger availability.
FC inspection by AECOM performed in May 2021.

General Notes: For details see 2021 reports for SFN 3199909 and SFN 3199910.
Detailed design for replacement bridge ongoing (TY Lin).

Bridge Inspection Report | *Routine Inspection*

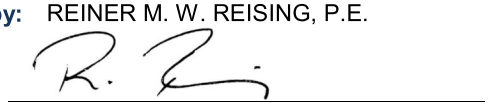
SFN: 3137082

Western Hills Viaduct

Date Inspected: 05/28/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 4 P

Signature: 

Bridge No.: COUNTY #26

Recommended Maintenance:

Assigned to:

1. See 2021 reports for 3199909 and 3199910.

Bridge Inspection Report | *Routine Inspection*

SFN: 3199910

Western Hills Viaduct - Bottom Deck (2 of 2)

Date Inspected: 05/28/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 4 P

Signature: R. Reising

Bridge No.: COUNTY #26A

Route: **Unit:** **Bridge Type** 363 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1931 / 1978

Load Rating Percent 100

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Widespread cracking, efflor., delaminations and spalls w exp. steel & rebar; isol. stalactites; concrete cond. becoming worse @ W end of railyard; 2.5' diameter full depth hole next to center ramp @ span 56 (not under roadway or walk), several other holes developing nearby in similar area. spans 45- 47: large spalls with many exposed bars (>10); span 48 & 49: 2 exp. rebar (full length longitudinal bars & up to 6 bars exp. in some areas) in first bay from S & N w moisture & ext rust staining; Several full depth holes in isol. sections of the duct banks.	3	4
C7.2. Edge of Floor:	Includes the N and S utility trough: widespread severely deteriorating concrete with exp. rebar and many full depth holes in troughs; exp rebar has LOS, sometimes 100% w individual bars hanging onto power lines below; supplemental watermain support in N trough added in 2016. S trough full depth holes mostly at expansion joints, except in spans 48, 49; 1 water main pipe saddle over Intermodal yard failed, hangers may be carrying load; spans 48 & 49 have 5 holes, varies between 25 to 100 sqft each, span 40 w +/-30 sqft hole.	4	1
C8. Wearing Surface:	Asphalt overlayed (2006); minor gouges; few isol. potholes around inlets, joints, or manholes. S ramp to EB bottom deck with widesprad deterioration of the wearing surface.	1	7
C9. Curbs/Sidewalks:	Bottom deck has only limitted sidewalk but rather wider curbs. trans. cracks deep spall; ext. deter. @ W arch; walk deter. near Spring Grove Ave (off structure); ; rust staining.		
C11. Railing:	Widespread deterioration; delaminations, cracks & spalls w exposed rebar; rust staining; ext. deter. @ W arch with exp. reinf. steel (protruding into path of pedestrians) w LOS (railing offset back from pier columns).	3	4
N36. National Safety Feature - Bridge Railing (0, 1 or N):	0		
C12. Drainage:	33 scuppers w d/s; most of them fully or part. clogged; some downspouts broken/disconnected or sev. corr. in intermodal yard below; 4 downspouts @ State st, being modified 2020, pipes currently not connected to underground sewer.	4	1
C13. Expansion Joints:	Some strip seals replaced in 2006; several other joints leaking; minor spalling of wearing surface around joints; (bottom deck does not see as much water as the top deck, hence leaking is not as pronounced when glands are broken); some joints clanking. Strip seals generally in good condition. Wabo elastoflex joints at ramps in much worse condition, with isol. exposed studs and widespread wearing surface deterioration.	2	5
N58. Deck Summary:	**Summary Rating: 4**		
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	a) Concrete beams (not concrete encased steel beams): Widespread delaminations, cracking & spalls w exp. rebar; efflor., rust staining; gunite repairs; severe concrete and rebar det. in span 1 from E; shoring for 1st span from E installed under 2 beams (2007), others showing wider cracks, 2nd span from E shows det. w rebar w LOS, build up of efflor. & ext. delams; flex. cracking on S	3	4

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 4 P

Signature: _____ **Bridge No.:** COUNTY #26A

fascia beam span 1&2 from E in rail yard; W center ramp full height cracks w efflor. & bottom delam (S fascia beam); 2 beams over State Avenue w 8 adjacent exposed bars; pack rust on webs of S ramp on fascia beams on State St.

b) Steel beams (W ramps): pack rust w pinholes @ bearings; corr. w LOS on N-Fascia beam of NW ramp (see 2019 FC report for North ramp beams); also packrust @ webs of S ramp fascia beams over State.

C) Concrete encased steel beams are mostly concealed w widespread delaminations, cracks, spalling and staining.

C16. Diaphragms/X-Frames:	At far W steel ramps: laminating corrosion w severe pitting @ several end diaphragms, otherwise freckled surface rust.	1	7
C17. Stringers:	Mostly concealed by concrete encasement; widespread cracks in conc. encasements; occasional delams, spalls & exp. steel.	2	6
C18. Floor Beams:	a) Concrete encased steel members: widespread cracks/spalls/delam. in conc. encasement; corr. of underlying steel & rivet deterioration w LOS (see 2019 FC report for condition of pier 40, also 2019 inspection of FB #42); spalling w multiple exposed bars on 4 FB's of Millcreek arch. b) Reinforced concrete floor beams: delam. & rust stains @ FBs @ center of W arch.	3	4
C26. Bearing Devices:	E abutment bearing apparently frozen (w beam 2 from N cracking next to bearing plate, movement apparently restricted).	3	4
C27. Arch:	Cracks & spalls some exp. rebar.(several bars per area).	2	5
C28. Arch Columns/Hangers:	Cracks & spalls; widespread exp. rebar @ W arch.	2	5
C29. Arch Spandrel Walls:	(Spandrel) Beams @ W arch have widespread motteling, efflor, stalactites, & rust staining.	3	4

N59. Superstructure Summary: **Redundant; fatigue prone & not redundant; not fatigue prone; many primary members not visible d/t concrete encasement.** **Summary Rating:** **4**

C33. Abutment Walls:	Cracks @ E; partially concealed in center.	2	6
C37. Pier Caps:	Actual steel members mostly concealed by concrete encasement: widespread concrete deterioration with cracking, delam. & spalling esp. @ expansion piers; sign. exposed rebar or structural steel @ exp jnts w sev LOS & rivet det.; apparent LOS of steel esp @ pier 40 and 42 (both were investigated close up in 2019 as part of load rating efforts).	3	4
C38. Pier Columns:	Concrete encased steel columns: ext. cracking; delam. & spalls (some large) - esp. @ expansion jts. w exp. rebar; corr. of underlying steel w LOS (laminating corr. & rivet deterioration); large amounts of spalled conc. trapped between exp. pier columns.	3	4
C39. Backwalls:	E abut. only: not rated since mostly concealed.		

N60. Substructure Summary: **Widespread conc. deter. w delam., spalls & corr. of underlying steel, esp. @ split piers; not all primary element visible d/t concrete encasement hence partially assumed rating. All underlying steel where exposed has sev LOS.** **Summary Rating:** **4**

Bridge Inspection Report | *Routine Inspection*

SFN: 3199910

Western Hills Viaduct - Bottom Deck (2 of 2)

Date Inspected: 05/28/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 4 P

Signature: R. Reising

Bridge No.: COUNTY #26A

C51. Channel Alignment:		1	9
C52. Channel Protection:	Concrete channel lining with few plants growing in joints around arches.	1	8
C53. Hydraulic Opening:		1	9
N62. Channel Summary:	**Conc. channel lining (DS end of lining damaged @ W).**	**Summary Rating:**	**8**
C1. Pavement:	Asphalt overlayed (2006); HL cracks @ E, potholes forming at W approach to bottom deck.	2	6
C5. Guardrail:	Ongoing crashes and repairs at impact attenuators and guardrails at all ramps.	2	6

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): 0

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): 1

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): 1

C6. Approaches Summary:		**Summary Rating:**	**6**
C57. Utilities:	Encased utility ducts in serious condition at manholes, telephone manholes are reinforced w steel skeleton. Many existing conduits/ducts appear abandoned. Power line below N trough may transfer current into steel supports; see edge of floor for utility trough. S trough railing conduit pulled from top of rail into trough in E half of bridge. Power line below N trough supposedly no longer active, but not yet cut. Multiple recent water main breaks in N trough.	4	1

Utilities On Structure: Y Y N Y N Y Y

65. Vertical Clearance:	Ramp to Harrison posted 14'-3" (sign mounted half way down the ramp should be moved).	**Vert. Clearance Rating:**	1
N59. General Appraisal and Oper. Status:	**Temporary shoring of Concrete beams @ E end. 2019 Load rating resulted in load posting of the entire viaduct.**	**General Appraisal / Operational Status:**	**4 P**

Inspection Notes: This report is only for that portion of the structure west of I-75.
CSX now requires right of entry and flagging for inspection of portions inside the RR yard. (Not intermodal yard).

Recommended Maintenance:	**Assigned to:**
1. Extensive maintenance list developped and submitted to TROD including:	TROD
2. Sounding and chipping of concrete	TROD
3. Repair of guardrail and impact attenuators	TROD
4. Clean out inlets.	TROD
5. Move VC sign @ W end to ramp split.	Traffic

Bridge Inspection Report | *Routine Inspection*

SFN: 3199909

Western Hills Viaduct - Top Deck (1 of 2) & Plaza

Date Inspected: 05/28/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 4 P

Signature: R. Reising

Bridge No.: COUNTY #26B

Route: WHVIA **Unit:** 0

Bridge Type 363 / 153 (Main/Approach Spans)

Date Built / Date Rehabbed: 1931 / 1978

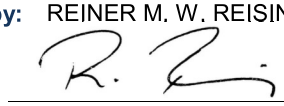
Load Rating Percent 100

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Upper deck: widespread cells of spalling w exp. rebar; isol. rust stains, isol areas of seepage; widespread cracks some w efflor. Plaza: heavy seepage; stalactites; full depth spalling in utility banks w utilities exp.	2	5
C7.2. Edge of Floor:	Plaza: Cracking w heavy efflor (plants growing out of conc., stalactites @ N; additional spalling and concrete deterioration over E and S edges of plaza floor. Main portion with some areas of advance cracking, some spalling; some spalls w exp rebar & efflor; isol possible delams esp. @ N fascia.	2	5
C8. Wearing Surface:	Asphalt overlay (2010); wearing surface breaking up around plaza expansion joints, and potholes forming at E.(some patched); potholes in span 42 S lane; apparently more potholes over steel structure than conc. Encased portions.	1	7
C9. Curbs/Sidewalks:	Cracks; isol deep curb spalls with exposed rebar; rust staining; few delams detected.	2	6
C11. Railing:	Minor vert. cracks; impact damage top S side to alum. rail @ several locations; conc. damaged @ posts in some instances; widespread rust stains and spalling @ N barrier; steel post missing over SE plaza {impact}; sev conc. det. on plaza railings {not considered for summary rating}; height of S railing +/- 38".	2	5
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	64 scuppers w d/s on upper portion - most partially or completely clogged; portions of d/s broken out @ some piers.	4	1
C13. Expansion Joints:	New strip seals installed (2010); (Wabo Flex) @ W plaza breaking up w clanking, leakage & exp studs & excessive depression; strip seal joints in very good condition, wabo joints in serious(3) condition.	2	5
N58. Deck Summary:		**Summary Rating:**	**5**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Corrosion on steel members w widespread freckled rust and LOS at fascias. (See 2019 FC inspection report). Various degrees of cracking, efflor. (some heavy on fascia side), rust staining, spalling and delaminations of conc. encased fascia beams; sev. crumbling/crushing & rust stains in some S fascia spans (example span 44-45-46).	2	5
C15.2. Slab:	Plaza: Widespread cracking w built-up of efflor. (stalctites), seepage, delam. w exp. rebar and rust staining; large patched (gunnite) areas cracking; worst condtion near joints & @ utilities.	3	4
C16. Diaphragms/X-Frames:	Severe LOS at end diaphragms @ exp. joints; elsewhere widespread surface freckling.	2	6
C17. Stringers:	Cracks & spalls (some w exposed structural steel) in conc. encasement; widespread freckling of steel joists.	2	6
C18. Floor Beams:	Widespread cracking and spalls in conc. encasement (some with exposed structural steel); Steel floor beams with LOS especially under expansion joints w web perf. @ bents 18, 53, 56 & 58, LOS @ 24; flange LOS @ 53, 56, & 58; Concrete: exp. rebar (5 adjacent bars) w LOS & delam. under E arch. (See 2019 FC	2	5

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 4 P

Signature: 

Bridge No.: COUNTY #26B

report 3 FBs rated 4).

C27. Arch: Both arches tied; cracks w efflor. & seepage, spalls w exp. rebar; E arch spalls w exp. rebar & LOS (10 adjacent bars). 2 5

C28. Arch Columns/Hangers: Cracks & spalls - esp. @ exp. jts; delam; many exposed bars in W arch columns. 2 6

C29. Arch Spandrel Walls: At E arch spalls w rust staining & delam. w exp rebar under exp. jts. 2 6

C30. Protective Coating System (PCS): **System:** **Year:** 1978 **PCS Rating:** 3

Widespread freckled rust; corrosion w LOS @ exp. jts; ext. rusting w LOS @ W; spot painting (2007).

C32. Fatigue Prone Details: Surface rust @ welded BF c/p; all in all 6 cracks identified during 2019 FC inspection, none in the base metal; 2021 FC report on file. 1 7

N59. Superstructure Summary: **Redundant, fatigue prone & not redundant, not fatigue prone.** **Summary Rating: 4**

C33. Abutment Walls: Few cracks, widespread built-up of efflor. & spalls @ W; seepage from top; wide shear crack & spalling @ abutment seat level on wingwall side @ Harrison ramp. 2 6

C37. Pier Caps: Widespread conc. cracking w efflor., rust stains & spalling @ conc. encased members, esp. under exp. joints. (For steel pier caps see 2019 FC report). 3 4

C38. Pier Columns: Cracks & delams, widespread spalls (conc. encased) some w exp. struct. steel (LOS) with laminating corr. & rivet deter.; worst condition at expansion joint columns (widespread spalling and exposed steel); delaminations on fascia sides of expansion joint columns; crack in column 52 - epoxy injected (2007); corner angles near interstate ramps seperating from columns & leaning into ped. pathway. 2 5

C40. Wingwalls: Cracks, spalls some with exposed rebar, efflor and rust staining. 2 6

N60. Substructure Summary: **Summary Rating: 4**

C1. Pavement: W only, asphalt overlayed (2010). 1 8

C4. Embankment: 1 8

C5. Guardrail: Impact damage at W plaza guardrail. 1 7

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): 0

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): 1

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): 1

C6. Approaches Summary: **Severe conc. deter @ railing @ W end.** **Summary Rating: 7**

C57. Utilities: Concrete encasement for telephone conduits spalled @ W plaza. w loose conc. hanging from rebar and water leaking; 2017 added supplemental water main supports hung from topdeck; at least 1 pipe saddle over intermodal failed, so hangers may be carrying loads. 3 3

Utilities On Structure: Y Y N Y N Y Y

Bridge Inspection Report | *Routine Inspection*

SFN: 3199909

Western Hills Viaduct - Top Deck (1 of 2) & Plaza

Date Inspected: 05/28/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 4 P

Signature: R. Reising

Bridge No.: COUNTY #26B

65. Vertical Clearance:

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status: **2019 Load rating resulted in posting of bridge.**

General Appraisal / Operational Status: **4 P**

Inspection Notes:
This report is only for that portion of the structure west of I-75.
Fracture Critical Inspection last performed by AECOM in May 2021.
Upper Deck Rehabilitation & Joint Replacement in Summer 2010.
Area under W plaza cleared out (City yard removed), now used for storage for Lick Run Project.
Sounded and chipped bi-annually over roadway.
Const. signs (Lick Run) attached to N railing.
Last chipping of loose overhead conc. 4-10-2021; Debris netting installed @ pier 16 in June 2021.

	Recommended Maintenance:	Assigned to:
1.	Ext. list created for TROD including:	
2.	Clean out inlets.	TROD
3.	Continue to chip delaminated concrete as necessary.	TROD
4.	Consider repair expansion joint at W plaza (temporarily fill with asphalt).	TROD
5.	Repair railing @ Plaza.	TROD

Bridge Inspection Report | *Routine Inspection*

SFN: 3137112

Wooster Road Bridge over Duck Creek **Date Inspected:** 04/23/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** COUNTY #27

Route: WOOST **Unit:** 30 **Bridge Type** 322 / NNN **Date Built / Date Rehabbed:** 1961 /

Load Rating Percent 150 **(Main/Approach Spans)**

Inspection Information

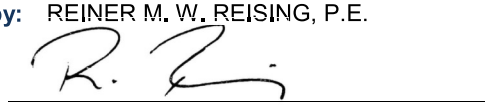
		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Mostly HL trans. cracks w some efflor; spalls @ TF of beams near exp joints; some older full depth patches; spall over pier @ NE; few delaminated areas.	1	7
C7.2. Edge of Floor:	Some trans.cracks, a few with efflor.; 2 minor spalls w exposed rebar @ NE.	1	7
C8. Wearing Surface:	LMC overlay (2004); HL trans. & long. cracks, esp over piers; at least 3 small delaminated areas detected; 1 small spall +/- 6" sqin W bound lane.	1	7
C9. Curbs/Sidewalks:	Trans. cracks in walk, minor popouts.	1	8
C11. Railing:	Minor vert. HL cracks; conc. crushing @ NW (gland depressed); 2 barrier panels w det. conc. {ASR} @ E; 1 w embedded piece of wood; 1 location spalling @ top of barrier.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	8 scuppers w d/s (tend to clog @ roadway level); d/s corr. @ ends; minor ponding @ W curb w debris in gutter; water from S-most scupper is eroding slope prot.	1	7
C13. Expansion Joints:	Comp. seals (2004) & walk armor (2000); filled w debris; possible damage to gland (depressed unevenly); full length minor conc. spalling around jt. armor @ both abutments; glands ending in W walk shy of parapet, causing water to seep to fascia beam.	1	7
N58. Deck Summary:		**Summary Rating:**	**7**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Isol. pitting @ beam ends @ fascia beams with minor LOS; spalls w rust @ TF - esp; minor scrapes @ bottom of BF's from high water events; noticeable floodline @ mid height of webs.	1	7
C16. Diaphragms/X-Frames:	Pitting & minor LOS @ end diaphragms w active corr. @ S jt.; slight corrosion elsewhere.	1	7
C26. Bearing Devices:	Rusting; possibly bowed bearing plates @ abutments (smiley face shape).	1	7
C30. Protective Coating System (PCS):	**System:** **Year:** 1989	**PCS Rating:**	6
	Rusting @ beam ends & along TF's; isol. top coat flakes @ S {without corrosion}.		
C32. Fatigue Prone Details:	Coverplates, pier splices, cover plate welds not over full length of flange.	1	8
N59. Superstructure Summary:	**Redundant; fatigue prone.**	**Summary Rating:**	**7**
C33. Abutment Walls:	Stub abutments: 1 wide vertical crack (0.12") @ N abut., with smaller cracks around weepholes; weepholes almost covered by debris, resulting in moisture against wall @ N.	1	7
C36. Pier Walls:	Large spall @ bottom of S pier; minor HL cracks @ cants.; covered w lichen.	1	8
C37. Pier Caps:	Crack on N pier apparently repaired; bird feces accumalating on top.	1	8

Bridge Inspection Report | *Routine Inspection*

SFN: 3137112

Wooster Road Bridge over Duck Creek **Date Inspected:** 04/23/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature:  **Bridge No.:** COUNTY #27

C39. Backwalls:	Some vert. cracks w efflor; cracks @ road surface; diag. crack efflor. @ SW corner; widespread staining from former leakage.	1	7
C40. Wingwalls:	Including cheek walls: Mapcracking (possible ASR) @ NW w minor water sat.{sound conc}; minor crack w signficant efflor. SW.	2	6
C42. Scour:	Rip-rap added (1990); dump rock fill around piers (2004).	1	8

Scour Inspection Type 1

N60. Substructure Summary: **Summary Rating:** **7**

C51. Channel Alignment:	Sharp bend in channel DS of bridge.	1	8
C52. Channel Protection:	Dump rock around bridge; US & DS banks undermining & eroding, w big trees being undermined US.	2	5
C53. Hydraulic Opening:		1	9

N62. Channel Summary: **Summary Rating:** **5**

C1. Pavement:	Asphalt overlayed (2002); mapcracking @ end of N approach slab; new (2018) conc @ S.	2	6
C2. Approach Slabs:	Diagonal cracks @ NW & SW backwall w spall @ curb on SW; HL long cracks.	1	8
C3. Relief Joints:	S only; new {2018}	1	9
C4. Embankment:	Overgrown.	1	8
C5. Guardrail:	Post deter; minor denting @ NE off bridge; b/o missing & minor impact damage @ NW; no thrie beam transition.	1	7

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): 0

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): 1

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): 1

C6. Approaches Summary: **Vertical offset in approach walk @ SW** **Summary Rating:** **6**

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 A**

General Notes: Direction definition: Bridge going from S to N, not E to W

Bridge Inspection Report | *Routine Inspection*

SFN: 3137112

Wooster Road Bridge over Duck Creek

Date Inspected: 04/23/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: R. Reising

Bridge No.: COUNTY #27

Recommended Maintenance:		Assigned to:
1.	Consider painting beam ends.	Contract
2.	Sweep curbs and walks.	TROD
3.	Replace Guardrail block out @ NW.	TROD
4.	Consider extending joint glands into parapet.	Contract

Wasson Way Bridges

Bridge Inspection Report | *Routine Inspection*

SFN: 3199930

Wasson Way Culvert over Little Duck Creek **Date Inspected:** 04/23/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 5 K

Signature: R. Reising **Bridge No.:** WASSON #01

Route: **Unit:** **Bridge Type** / **Date Built / Date Rehabbed:** /

Load Rating Percent **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N): N			
C44. Culvert - General:	West Culvert with efflor. build-up @ segmental jnts; isol exp rebar (low cover); isol gap between bottom of culvert & walls; some portions w standing water; some cracks w built up efflor. Center Culvert sounded with few "hollow" (sounded) areas esp @ ends and S; one plug missing @ E side ; bottom concrete fill starting to deteriorate at few locations; minor water seepage @ jnts. near end. East Culvert with deterioration in center (overload?): wide long cracks in center segments at top and bottom of pipe with up to 2" deflection (see attachment), exp. rebar., & spalls @ segment joints.	2	5
C45. Culvert - Alignment:	Slight bending in E culvert near DS end (apparently from earlier reconstruction in S portion). Minor ponding in W culvert.	1	8
C46. Culvert - Shape:	(Center Culvert): Slight flattening of the top under fill (starting +/- 20' from each end). Height decreased by up to 8 inches and width increased by up to 7 inches in the deformed sections (Span dimension within +/- 6%). Shape of the round E pipe deflected (height reduction and widening) of almost 2" in maximum regions under fill, see attached spreadsheet.	2	6
C47. Culvert - Seams:	West Culvert: Build up of efflor. at some joints. Center Culvert: All seams tight, slight cusping, but no bolt shearing; slight water infiltration at bottom, 20' from US end); slight dripping @ few seams. East Culvert: Spalls in pipes adjacent to seams in the S portion of the culvert w some exposed rebar; widespread minor spalling of grout in joints (esp. top half of joints at S end of culvert).	1	7
C48. Culvert - Head/End Walls:	N wall and W portion of S wall built in 1940: Cracking, esp. around pipes and efflor.; wider diag. cracks at SW; many closely spaced horiz cracks w efflor @ N; unsound areas of wingwalls @ N. S Wall east portion (around center and E culvert). This wall is more recent without any deficiencies; wider horiz crack @ N over W pipe; lichen @ N; graffiti.	2	6
C49. Culvert - Scour:	Culverts on RC footing; edge of footing exposed at S (DS) end by +/- 18", but no undermine. (Appears to be as a result of high water velocity during storms); large scour hole developing DS beyond footing; erosion behind US wingwall @ W.	2	6
Culvert Scour Inspection Type:			
N60. Culvert Summary:	**W culvert is cast in place (Ped. tunnel); 6'-5" wide x 9'-1" tall. Center culvert is corrugated steel culvert +/- 10.5' diameter. E culvert is 6' diameter precast concrete pipe. E culvert governs the rating, (however, extent was taken into consideration, since worst areas of the E culvert are in poor condition).**	**Summary Rating:**	**5**

Bridge Inspection Report | *Routine Inspection*

SFN: 3199930

Wasson Way Culvert over Little Duck Creek

Date Inspected: 04/23/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 5 K

Signature: _____

Bridge No.: WASSON #01

C51. Channel Alignment:	Slight curvature US of culvert; apparently causing slight flow against the W wing and erosion behind it.	1	7
C52. Channel Protection:	Slumping, trees undermining, deep scour holes in the channel US (50' away) and DS (10' away from culvert); slight errrosion at NW WW.	2	6
C53. Hydraulic Opening:		1	9

N62. Channel Summary: **Summary Rating:** **6**

C4. Embankment: Tall (+/- 25' of fill over top of culverts) and steep, but overgrown with little slumping @ bottoms. 1 8

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **Summary Rating:** **8**

N59. General Appraisal and Oper. Status: **Rating governed by E culvert.** **General Appraisal / Operational Status:** **5 K**

Inspection Notes: For benchmark monitoring of the cracking in the E culvert, see attached spreadsheet.

General Notes: Culvert added to inventory in 2016 as part of Wasson Way purchase added to ODOT SMS 2018. Per ODOT's definition of a multi cell culvert, only the center cell is actually a bridge (>10' diameter). Since the distance from the outer cells to the center cell is more than half of the smaller cell diameter, these would not be part of the culvert. However, since DOTE owns this structure the rating is based on all 3 cells.

Recommended Maintenance:	**Assigned to:**
1. Monitor cracking in E culvert.	Owner
2. Evaluate hydraulic need for E tunnel & possiblities of filling it.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3199931

Wasson Way over Ault Park **Date Inspected:** 12/06/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 5 K

Signature: _____ **Bridge No.:** WASSON #02

Route: **Unit:** **Bridge Type** 321 / **Date Built / Date Rehabbed:** 1924 /

Load Rating Percent **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	New composite concrete deck slab poured 12-2021, formwork still in place on overhangs and in N span, hence partially assumed rating; slight area of honeycombing near S abutment.	1	8
C11. Railing:	Trail railing: Wooden rails attached to galvanized steel posts on concrete curb. Railing being installed at time of 2021 inspection.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	6 inlets on E side of bridge. Downspouts not yet installed. Aparent slight ponding in some areas.	2	6
C13. Expansion Joints:	Evazote material to be covered by wabo flex, not installed at time of 2021 inspection.		

N58. Deck Summary: **New deck on former open tie RR bridge. Still mostly under construction in 2021, assumed rating.** **Summary Rating: 8**

C14. Alignment of Members:	New bridge follows design of original RR structure.	1	8
C15.1. Beams/Girders:	Widespread LOS to flanges & rivets; many stiffeners perforated at bottom; severe LOS @ some existing gussets. Steel repairs to gussets and secondary members forthcoming as part of rehab contract.	2	5
C16. Diaphragms/X-Frames:	LOS to gussets & several bottom horiz members. The most deteriorated members will be replaced during the 2021 ongoing rehab project.	3	4
C24. Lateral Bracing:	Severe LOS to gussets and connections of lateral bracing with perforated member ends; bot. lat. bracing @ W no longer connected. Most severely deteriorated lower bracing members will be replaced during the ongoing rehab contract, the top bracint will no longer be needed because of the composite concrete deck.	3	3
C26. Bearing Devices:	Surface corrosion.	1	8

C30. Protective Coating System (PCS): **System:** 1924 **Year:** **PCS Rating:** 0

Top coat no longer effective with active corrosion on all flanges and horizontal surfaces.
To be recoated in spring 2022.

N59. Superstructure Summary: **Structure undergoing significant rehabilitation. Most superstructure work will be done in 2022, hence the current ratings do not reflect the rehabilitated condition.** **Summary Rating: 5**

C33. Abutment Walls:	Stubs only: covered with debris.	1	7
C36. Pier Walls:	Original piers are non-reinforced concrete, with areas of efflor at corners. New +/- 5ft of pier reinforced concrete pier wall/cap installed in 2021. Some corner spalls to be patched in 2022.	2	6
C37. Pier Caps:	Original pier caps replaced in 2021 with reinforced concrete pier cap.	1	9

Bridge Inspection Report | *Routine Inspection*

SFN: 3199931

Wasson Way over Ault Park

Date Inspected: 12/06/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 5 K

Signature:

Bridge No.: WASSON #02

C39. Backwalls: Ex. Top of backwalls partially removed during construction. To be rebuild in 2022.

N60. Substructure Summary: **Rating reflects new pier cap, but not the forthcoming patching of the pier walls.**

Summary Rating: **6**

N59. General Appraisal and Oper. Status: **Under construction. Rating still based on structural steel condition which has not been addressed during the rehabilitation contract at the time of the 2021 inspection.**

General Appraisal / Operational Status: **5 K**

Inspection Notes: Open deck RR bridge being transformed into trail bridge in 2021. Work ongoing at the time of construction and many ratings will be changing as work progresses.

General Notes: Bridge became part of the inventory as part of Wasson Way purchase in 2016.

Bridge Inspection Report | *Routine Inspection*

SFN: 3103846

Wasson Way over Columbia Parkway **Date Inspected:** 04/23/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 K

Signature: _____ **Bridge No.:** WASSON #03

Route: **Unit:** **Bridge Type** / **Date Built / Date Rehabbed:** 1962 / 2013

Load Rating Percent **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Steel painted 2013.	1	8
C7.2. Edge of Floor:	Some steel angles holding back ballast @ top of deck corroding.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
N58. Deck Summary:	**Ballast filled deck; widespread plant growth on deck.**	**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Slightly 'roughened' surface under new coat of paint; no evidence of any significant LOS; BFs of both beams scraped over inbound lane, 1 rivet sheared off; scrapes in paint @ this location.	1	8
C16. Diaphragms/X-Frames:	Knee braces @ SW appear to have cracked angles but cracks lines have been determined to be painters caulk; traces of green staining on some knee braces indicate over the deck drainage.	1	8
C18. Floor Beams:	Slightly 'roughened' surface under new coat of paint; no evidence of any significant LOS.	1	8
C26. Bearing Devices:	Apparent LOS on nuts of anchor bolts at NE painted over; lifted bolt over pier.	1	7
C30. Protective Coating System (PCS):	**System:** OZEU **Year:** 2013	**PCS Rating:**	8
N59. Superstructure Summary:	**Painted 2013**	**Summary Rating:**	**8**
C33. Abutment Walls:	Staining @ S under bearings; efflor buildup @ SE{corner to WW}; minor HL cracks sealed; sealed 2013.	1	8
C36. Pier Walls:	Minor staining; sealed 2013; minor cracks sealed; minor buckholes.	1	8
C37. Pier Caps:	Sealed; vert. cracks, apparently originating from under bearings esp. @ W where crack excedes HL limits over portion of the length; staining under bearings; minor bugholes.	1	7
C39. Backwalls:	Sealed 2013.	1	8
C40. Wingwalls:	Sealed 2013; poison ivy growing in joint.	1	8
N60. Substructure Summary:		**Summary Rating:**	**7**
C4. Embankment:	Steep but overgrown.	1	8
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):			
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):			

Bridge Inspection Report | *Routine Inspection*

SFN: 3103846

Wasson Way over Columbia Parkway

Date Inspected: 04/23/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 K

Signature: _____

Bridge No.: WASSON #03

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):

C6. Approaches Summary: **Summary Rating:** **8**

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 K**

Inspection Notes: Both ends fenced off 2017; new "No Trespassing" signs 2021.

General Notes: Bridge ownership transferred as part of Wasson Way in 2016.

Recommended Maintenance:		Assigned to:
1.	Control vegetation on bridge.	Owner
2.	Control excess ballast on bridge.	Owner
3.	Consider epoxy injection of cracks in pier cap.	Contract

Bridge Inspection Report | *Routine Inspection*

SFN: 3161073

Wasson Way over Grovedale Pl. **Date Inspected:** 05/07/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: _____ **Bridge No.:** WASSON #04

Route: **Unit:** **Bridge Type** 131 / 171 **Date Built / Date Rehabbed:** 2018 /

Load Rating Percent 0 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	See item 15 beams for main span; small moist spot @ NE on PS beam near fascia due to caulk failure; patches in approach spans (2018).	1	8
C7.2. Edge of Floor:	Decorative concrete panels.	1	9
C8. Wearing Surface:	Asphalt on fill.	1	9
C11. Railing:	HL cracking in conc portion, some w efflor; some anchor bolts not fully tightened; some spots w loss of galvanizing & initial corr.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C12. Drainage:	Stains from ponding water in caulked joint; low spots @ N railing.	1	7
N58. Deck Summary:	**Summary Rating:**		**8**
C14. Alignment of Members:		1	9
C15.1. Beams/Girders:	PS box beams; threaded inserts in fascia beams grouted.	1	9
N59. Superstructure Summary:	**Summary Rating:**		**9**
C33. Abutment Walls:	Original 1929 Walls: patched, and sealed (2018); minorl HL cracks remaining, no efflor.	1	8
C37. Pier Caps:	New Pier caps 2018; HL cracks w slight efflor in center of both pier caps.	1	8
C38. Pier Columns:	Original 1929 Pier Columns: patched, and sealed (2018); minorl HL cracks remaining; cold joints @ all column tops; delam & efflor build up @ NW column (not supporting Superstructure)	1	8
C40. Wingwalls:	Cracks, epoxy injected (2018); SE crack reopening slightly.	1	8
N60. Substructure Summary:	**Summary Rating:**		**8**

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):

Bridge Inspection Report | *Routine Inspection*

SFN: 3161073

Wasson Way over Grovedale Pl.

Date Inspected: 05/07/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: R. Reising

Bridge No.: WASSON #04

65. Vertical Clearance: 15'-6" measured 7/24/19.

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status: **Opened to traffic in July 2018.**

General Appraisal / Operational Status: **8 A**

Inspection Notes: 2021, areas adjacent to the bridge on both sides fenced off.

Recommended Maintenance:	Assigned to:
1. Schedule replacement of caulk bet fascia panels and beams.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3114759

WASSON WAY over I-71

Date Inspected: 10/13/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: _____

Bridge No.: WASSON #05

Route: 0071R **Unit:** 0616 **Bridge Type** 322 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1972 / 2019

Load Rating Percent 000

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Very isol. HL cracks.	1	8
C7.2. Edge of Floor:	Patch @ NE (former spall); vert. HL cracks w efflor.	1	8
C9. Curbs/Sidewalks:	New deck poured over ballast 2019; several HL cracks {some full width} detected; sealed w HMWM 2020.	1	8
C11. Railing:	New w vandal fence 2019; vert cracks w efflor in conc portion (sealed 2020) of railing; ongoing punch list.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	New 2019; 6 inlets @ S/ downspouts @ N & S.	1	9
C13. Expansion Joints:	Rebuilt 2019; cover plates abrased @ 3 E most joints {maintenance vehicle?}	1	8
N58. Deck Summary:		**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Pitting (measurable but very minor) without sig. LOS esp bottom of BF's over I-71.	1	7
C16. Diaphragms/X-Frames:	Minor pitting arrested by painting.	1	7
C24. Lateral Bracing:	Minor pitting arrested by painting.	1	7
C26. Bearing Devices:	Repainted fall 2019.	1	7
C30. Protective Coating System (PCS):	**System:** OZEU **Year:** 2019 **PCS Rating:** 9		
	New (10-2019) OZEU.		
N59. Superstructure Summary:		**Summary Rating:**	**7**
C33. Abutment Walls:	Staining @ E.	1	8
C36. Pier Walls:	Ivy growing; isol. cracking @ tops.	1	8
C39. Backwalls:	Partially concealed; minor staining.	1	8
C40. Wingwalls:	Very minor spall @ E w exposed rebar.	1	8
N60. Substructure Summary:		**Summary Rating:**	**8**

Bridge Inspection Report | *Routine Inspection*

SFN: 3114759

WASSON WAY over I-71

Date Inspected: 10/13/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature:

Bridge No.: WASSON #05

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 A**

Inspection Notes: Rehabbed and painted in 2019.
Deck and vertical concrete railing surface sealed with HMWM 2020.
Railing punch list work ongoing at the time of 2021 inspection.

General Notes: Bridge added to inventory as part of the Wasson Way in 2016.

Bridge Inspection Report | *Routine Inspection*

SFN: 3114740

Wasson Way over ramp from SB I-71

Date Inspected: 10/13/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: R. Reising

Bridge No.: WASSON #06

Route: **Unit:** **Bridge Type** 321 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** /

Load Rating Percent 000

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Few trans. HL cracks.	1	8
C7.2. Edge of Floor:	Vert. cracks w efflor (in new curb area); efflor. @ beam end flanges.	1	7
C9. Curbs/Sidewalks:	New curb/wearing surface installed on top of ballast in 2019; many HL cracks {some full width}, sealed w HMWM 2020.	1	8
C11. Railing:	New w vandal fence 2019; vert. portion of concrete railing sealed with HMWM in 2020; vertical cracks w efflor in conc. portion of railing; ongoing punch list for fence.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C12. Drainage:	2 inlets @ E, but downspouts @ all corners (underdrain of former deck).	1	9
C13. Expansion Joints:	New 2019.	1	9
N58. Deck Summary:		**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Painted 2019; insignificant LOS.	1	8
C16. Diaphragms/X-Frames:	Repainted 2019.	1	8
C24. Lateral Bracing:	Repainted 2019.	1	8
C26. Bearing Devices:	Mostly concealed; slight lifting of some anchor bolts; repainted 2019.	1	8
C30. Protective Coating System (PCS):	**System:** OZEU **Year:** 2019	**PCS Rating:**	9
	New OZEU 2019.		
N59. Superstructure Summary:		**Summary Rating:**	**8**
C33. Abutment Walls:	Ivy @ E.	1	8
C40. Wingwalls:	Overgrowing.	1	8
N60. Substructure Summary:		**Summary Rating:**	**8**

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):

Bridge Inspection Report | *Routine Inspection*

SFN: 3114740

Wasson Way over ramp from SB I-71

Date Inspected: 10/13/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: _____

Bridge No.: WASSON #06

65. Vertical Clearance:

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: **8 A**

Inspection Notes: Rehab and painting in 2019; wearing surface and vert. portion of concrete railing sealed with HMWM 2020; railing punch list work ongoing @ time of 2021 inspection.

General Notes: Bridge aquired as part of Wasson Way in 2016.

Recommended Maintenance:	Assigned to:
1. Remove styrofoam in NE exp. joint below bridge (punch list, 1 year warranty).	Contract
2. Perform punch list repairs.	Contract

Bridge Inspection Report | *Routine Inspection*

SFN: 3140032

Wasson Way over Red Bank Rd **Date Inspected:** 08/05/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 4 K

Signature: _____ **Bridge No.:** WASSON #07

Route: **Unit:** **Bridge Type** / **Date Built / Date Rehabbed:** 1914 / 1924

Load Rating Percent **(Main/Approach Spans)**

Inspection Information

	Rating 1 to 4	Rating 9 to 0
C7.1. Floor: Open ties, general & localized sev. timber det.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):		
N58. Deck Summary: **Fenced off @ E & W.** **Summary Rating:**		
C14. Alignment of Members:	1	8
C15.1. Beams/Girders: Partially assumed rating; minor LOS, rivet det. & widespread minor pitting at topflanges.	2	5
C16. Diaphragms/X-Frames: Partially assumed rating.	2	5
C24. Lateral Bracing: Pitting hole @ gusset on 2nd pier from E.	2	5
C26. Bearing Devices: Widespread corr.: apparently frozen bearings at W abut causing horiz. forces on abutment cap; conc. det. @ top of river pier extending almost to base plate of steel column; 1 bent (smiling) bearing plate @ 1st pier from E, N beam; corr. w LOS @ bearing over 2nd pier from W (W side).	3	4
C30. Protective Coating System (PCS): **System:** **Year:** **PCS Rating:** 0 No paint visible.		
N59. Superstructure Summary: **Not all members accessible, partially assumed condition.** **Summary Rating:** **5**		
C33. Abutment Walls: W abutment: conc. coated masonry with full height cracks through stones on both sides of the abutment indicating horizontal bearing forces "pulling" (isol stone surfaces spalled away) E abutment: widespread concrete cracking and crumbling w efflor (no rebar detected) @ WW edges, rating controlled by W abutment.	3	4
C34. Abutment Caps: W: crumbling concrete, cracked/separating from backwall.	3	4
C36. Pier Walls: Concrete spalled corners; cracking w efflor; ivy; concrete crumbling @ river pier almost up to bearings of steel columns; apparently unreinforced concrete (with embedded rr tracks under bearings).	2	5
C37. Pier Caps: 3rd pier from the E has ext. concrete deterioration at all 4 corners, unsound concrete apparently up to bearings.	2	5
C38. Pier Columns: Steel columns with surface corrosion without significant section loss.	2	6
C39. Backwalls: Widespread unsound and crumbling concrete @ E; E, damage to top half of backwall; W damage @ bottom w deep spalling.	3	4
C40. Wingwalls: Concrete and stone deterioration; timber portion deteriorating with isolated timber sections shifted @ W; large areas of unsound concrete.	3	4
C42. Scour: 3rd pier from E is in the creek; sides of footer partially exposed but not undermined; footer on piles.	1	7

Bridge Inspection Report | *Routine Inspection*

SFN: 3140032

Wasson Way over Red Bank Rd

Date Inspected: 08/05/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 4 K

Signature:

Bridge No.: WASSON #07

Scour Inspection Type 1

N60. Substructure Summary:	**No rebar detected in substructure units, but widespread poor concrete condition; rating controlled by W abutment; kudzo overgrowing sub structure units.**	**Summary Rating:**	**4**
C51. Channel Alignment:	Continuing erosion slumping of channel banks; flow hits W channel protection wall and causes sev. erosion behind the wall.	3	4
C52. Channel Protection:	Slumping US, (erosion potentially affecting adjacent RR tracks (not considered in this rating); some channel walls w back fill erosion US & leaning wall @ E DS; grouted channel bottom near pier appears to be undermined (flow below grout @ low river levels 2021).	2	5
C53. Hydraulic Opening:	Flow debris on pier wall & channel, but no significant reduction of opening.	1	8
N62. Channel Summary:		**Summary Rating:**	**4**

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **4 K**

Inspection Notes: UW inspection performed in 2017; 2021 widespread overgrowth of Kudzu climbing up piers to bottom of superstructure.

General Notes: Bridge transferred from RR as part of Wasson Way acquisition in 2016; tracks were removed in early 2017.

Recommended Maintenance:	**Assigned to:**
1. Remove Kudzu from piers before It reaches deck level & conceals RR ties.	Owner
2. Plan for extensive bearing & super structure rehab before adding trail to bridge.	Contract
3. Plan for extensive substructure improvements before putting bridge into service, esp. W abutment.	Owner
4. Consider extending concrete channel wall @ W side of creek to prevent water from eroding behind the wall.	

Bridge Inspection Report | *Routine Inspection*

SFN: 3140024

Wasson Way over Wooster Rd. **Date Inspected:** 04/23/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 2 X

Signature: _____ **Bridge No.:** WASSON #08

Route: **Unit:** **Bridge Type** / **Date Built / Date Rehabbed:** 1895 / 1924

Load Rating Percent **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Open ties, deteriorating; planked walk portions failed (rotting, missing); long. (used) planks added during track removal 2016 concealing stringers (concealing superstructure elements).	4	2
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
N58. Deck Summary:	**(Vines removed from deck in late 2020).** **Summary Rating:**		**2**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Surface corr. throughout; 2 panels with plated (bolted) web sections @ SW (apparent retrofit); broken rivet @ SW.	2	6
C17. Stringers:	Built up members with (flange cover plates) @ longer stringers & end spans; large portions concealed by tracks and ties: Widespread LOS to flanges (thinning and serrated edges), packrust and debris built-up on BF; NW most stringer has extreme LOS on top and bottom flanges with two cracks in remaining top flange, large perforation of BF over bearing. (Rating based on NW most stringer from earlier observations, stringers concealed in 2017 by added long ties); S stringers attached higher @ FB's +/- 3" apparently by design.	4	2
C18. Floor Beams:	Pitting and rivet deterioration on top flanges, esp. @ W; broken TF rivet @ SW.	2	6
C24. Lateral Bracing:	Some impact damage to several members; rivet deter. at some connections to stringers and FB's.(2 connections appear to have failed)	2	5
C26. Bearing Devices:	Corroding; bent anchor bolt @ NE.	2	5
C30. Protective Coating System (PCS):	**System:** **Year:** **PCS Rating:**		4
	Apparrent little active corr. on main beams, appears to be weathering steel.		
N59. Superstructure Summary:	**Large portions concealed by timber decking & new timber long. ties (rating based on condition of stringers).** **Summary Rating:**		**2**
C33. Abutment Walls:	Masonry walls with widespread stone deter.; surface unsound/spalling over 2/3 of abutment area @ E with spalling less than 1/4 of stone depth, widespread unsound area's detected @ W but not yet spalled; ivy @ W.	2	5
C34. Abutment Caps:	Concrete cap with built-up of efflor esp @ corners; caps overgrown w vines; map cracking (ASR).	2	6
C40. Wingwalls:	Masonry walls with stone surface deterioration esp @ NW w cracked block & build up of efflor.; overgrown with vines in some areas.	2	5
N60. Substructure Summary:	**Summary Rating:**		**5**
C4. Embankment:	Steep, mostly overgrown.	1	7
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):			
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):			

Bridge Inspection Report | *Routine Inspection*

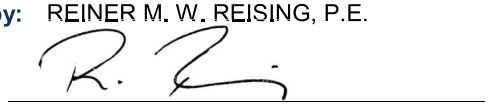
SFN: 3140024

Wasson Way over Wooster Rd.

Date Inspected: 04/23/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 2 X

Signature: 

Bridge No.: WASSON #08

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):

C6. Approaches Summary: **Summary Rating:** **7**

65. Vertical Clearance: Clearance slightly over 14' (measured 11/14/16). **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **Portions of the superstructure are currently concealed by ties and planking. Rating controlled by condition of stringers.** **General Appraisal / Operational Status:** **2 X**

Inspection Notes: Top fenced off with gates (2017); "No Trespassing" signs added in 2021; vines removed from bridge @ W abutment (late 2020)

General Notes: Bridge became part of Wasson Way property in 2016.

Recommended Maintenance:		**Assigned to:**
1.	Consider removal of all ties and timber planking.	Owner
2.	Plan for extensive masonry repair work @ abutments & super structure repairs when trail is built.	Owner
3.	Clean falling debris (stones from abutments) from walk.	Owner

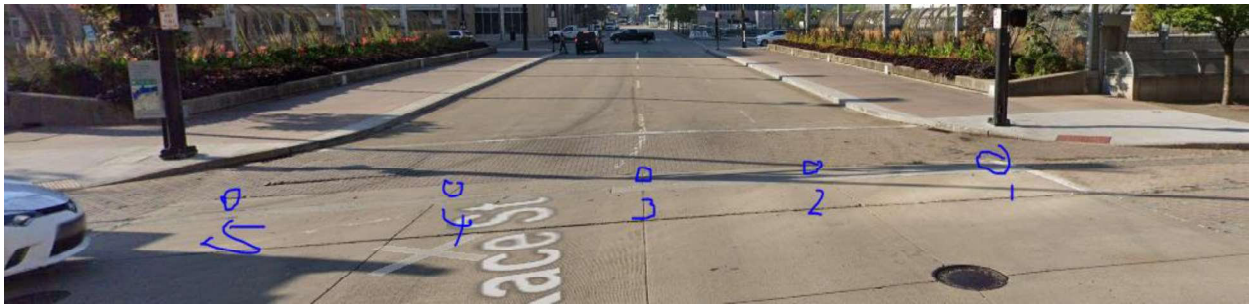
Fort Washington Way Bridges

Vertical Offsets at the 3rd Street Appraoch Slabs of the FWW bridges.

Date: **10/12/2021**

Measurements were taken at the N end of the approach slab, at 5 locations
in line with the curbs and lane lines as indicated in the below photo.
Location points were counted from W to E starting with point 1 at the extension of the W curb.
All measurements are taken in inches
Positive measurements indicate the approach is higher than the approach slab.

Bridge	Point 1	Ponit 2	Point 3	Point 4	Point 5
Main	0.4	0.8	0.3	0.9	1.7
Walnut	0	0	0	0.5	-0.5
Vine	0	0.4	0.7	0.5	0.6
Race	1	1.4	0.9	0.6	0.6
Elm	0	0	0	0	1.1



Bridge Inspection Report | *Routine Inspection*

SFN: 3106071

Elm Street Bridge over Fort Washington Way **Date Inspected:** 10/11/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: _____ **Bridge No.:** CITY (FWW) #01

Route: 71 **Unit:** 65 **Bridge Type** 132 / **Date Built / Date Rehabbed:** 2000 /

Load Rating Percent 150 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	See item 10 beams.	1	8
C7.2. Edge of Floor:	Saturation along horiz. const. joint; vertical HL cracking w efflor; moistrure spot @ E fascia just S of pier.	1	7
C8. Wearing Surface:	Polycarb Flexogrid overlay (2003 - spot repair 2011); minor peeling, minor trans. and long. cracks @ midspan.	1	8
C11. Railing:	Minor vert. cracks (some w efflor.) in conc. barrier.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	Minor ponding @ curbs esp. W; not observed in 2020 (dry).	2	6
N58. Deck Summary:	**Summary Rating:**		**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Minor cracks/rust stains @ fascia beams immed. S & N of pier (W side); traces of poss. isol. leakage bet. beams; W fascia minor horz. HL crack N & S of pier; many minor isol. rust stains; isol honeycombing at underside of beams.	1	8
C26. Bearing Devices:	Concealed, assumed rating.	1	8
N59. Superstructure Summary:	**Summary Rating:**		**8**
C33. Abutment Walls:	Concealed, assumed rating.	1	8
C37. Pier Caps:	Minor delam. in cantilever portion @ W (N face); minor HL cracking.	1	8
C38. Pier Columns:	Minor HL cracking; crack w moisture @ E & W most columns.	1	8
N60. Substructure Summary:	**Summary Rating:**		**8**
C1. Pavement:	Several wide (> 1/2") cracks in N concrete pavement, (cracking limited to S most lane of 3rd street); full width utility cut @ N w asphalt @ concrete patches.	2	5
C2. Approach Slabs:	New (2014) @ S w long. cracks; curb @ NW replaced w asphalt; widespread paver det. @ N; see 2021 settlement measurements.	1	7
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	N		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	N		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	N		
C6. Approaches Summary:	**Summary Rating:**		**5**

Bridge Inspection Report | *Routine Inspection*

SFN: 3106071

Elm Street Bridge over Fort Washington Way

Date Inspected: 10/11/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature:

Bridge No.: CITY (FWW) #01

C57. Utilities: Light conduit seperated @ E fascia, just S of pier; some lights still wrapped in plastic; some light covers broken/missing @ E; 3rd light @ N @ E fascia turned & twisted (impact?). 1 7

Utilities On Structure: N N N N N N N

65. Vertical Clearance:

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 8 A

Inspection Notes: Moisture from hor. deck joint @ 1 loc. @ E fascia, just S of pier.
2020: new overlay on I-71.
2021-left lane blocked w barrels for Brent Spence painting.

General Notes: HAM 71-0065

Recommended Maintenance:	Assigned to:
1. Replace broken/missing light covers below bridge.	Traffic
2. Replace 3 out of 4 lights over FWW.	ODOT
3. Repair 3rd light from N @ E fascia including conduits.	Traffic

Bridge Inspection Report | *Routine Inspection*

SFN: 3106500

Main Street Bridge over Fort Washington Way **Date Inspected:** 10/11/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY (FWW) #02

Route: 71 **Unit:** 100 **Bridge Type** 132 / **Date Built / Date Rehabbed:** 2000 /

Load Rating Percent 150 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	SEE ITEM 10: BEAMS	1	8
C7.2. Edge of Floor:	Widespread cracking w efflor. & apparent seepage @ E esp around pier.	1	7
C8. Wearing Surface:	Polycarb Flexogrid overlay (2003 - spot repaired 2011); portions @ center replaced by streetcar; some area's w damaged flexogrid in vicinity of streetcar track esp @ S.	1	8
C11. Railing:	Many vert. cracks w some w minor efflor.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	Off bridge slight ponding @ W.	1	7
N58. Deck Summary:	**Isol honeycombing on box beam bottoms.**	**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Spalling of beam ends over pier of E & W fascia beams w deeper spall & exposed rebar @ E (mostly concealed by tower pier); cracked corners @ beam ends just N of pier (3); cracked corner of NE fascia beam S of pier; corner spall beam 5,6, & 7 from E, N of pier; both corners cracked beam 5 from E north of pier.; multiple long. HL cracks beam 5 from E in S span, w minor efflor & moisture;	1	7
N59. Superstructure Summary:		**Summary Rating:**	**7**
C33. Abutment Walls:	Concealed, assumed rating.	1	8
C37. Pier Caps:	Crack w minor efflor. @ W cantilever & moist stains; apparent spall, & exp rebar with LOS @ W fascia (concealed by pedestrian bridge).	1	8
C38. Pier Columns:	Minor random HL cracks.	1	8
N60. Substructure Summary:		**Summary Rating:**	**8**
C1. Pavement:	N only, concrete; brick pavers @ NW settling & disentigrating.	1	8
C2. Approach Slabs:	New approach slabs 2014/2015. (streetcar project); long. crack @ SE & NW. (sewer MH); abrasion @ NW interface to bricks; settlement {see 2021 measurements}, to be lifted by contract 2021/2022	1	8
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	N		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	N		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	N		
C6. Approaches Summary:		**Summary Rating:**	**8**

Bridge Inspection Report | *Routine Inspection*

SFN: 3106500

Main Street Bridge over Fort Washington Way

Date Inspected: 10/11/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: R. Reising

Bridge No.: CITY (FWW) #02

C57. Utilities: Plastic wrapping on lights; light cover @ E {below} missing.

Utilities On Structure: N N N N N N N

65. Vertical Clearance:

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 7 A

Inspection Notes: New (2020) wearing surface on I-71.

General Notes: HAM 71-100

Recommended Maintenance:		Assigned to:
1.	Monitor condition (cracking and spalling) of beams around pier.	Owner
2.	Replace broken lights on I-71 under bridge.	Traffic

Bridge Inspection Report | *Routine Inspection*

SFN: 3106195

Race Street Bridge over Fort Washington Way **Date Inspected:** 10/11/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY (FWW) #03

Route: 71 **Unit:** 73 **Bridge Type** 132 / **Date Built / Date Rehabbed:** 2000 /

Load Rating Percent 150 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	See item 10 beams; stalactites between (E & W most 3 beams) & S abutment (planters) & 3 most beams S of pier.	1	8
C7.2. Edge of Floor:	Cast in place overhang and fascia: Spall in fascia @ SW; (stalactites & dripping under planter jnts.); trans cracks esp. @ pier w seepage; minor random rust stains; E fascia vertical cracks next to control jnts around pier; stalactites @ SE over abutment.	1	7
C8. Wearing Surface:	Polycarb Flexogrid overlay (2003 - localized repairs 2011, S span); minor cracking; widespread peeling w exp conc in 2nd lane from W.	1	7
C9. Curbs/Sidewalks:	New 2020; trans cracks in curbs; long. cracking @ W side of W walk; black tire marks from scooters on colored conc.	1	8
C11. Railing:	Loose nut @ base plate @ W VPF; few cracks some w efflor. in planters; severe planter staining @ SW; missing nuts @ some joints @ top of railing panels.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	Off bridge; ponding @ NW approach & (minor) along curbs; possible leakage through planters esp @ SE.	1	7
N58. Deck Summary:	**Drainage system cleaned out 10-31-2016 by Queen City Mechanical.** **Summary Rating:**		**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Many small rust stains on some beams; dampness around isol. drain holes; shallow spall S of pier @ 3rd beam from W; ext. honeycombing @ beam 6 from E @ N {1drain hole missing?}; beam 8 from E, N of pier has 1' long HL crack; isol. leakage w stalactites (see item floor).	1	7
N59. Superstructure Summary:	**Isol. honeycombing on bottom of box beams. 2021 rating based on new guidance for prestressed box beam bridges.** **Summary Rating:**		**7**
C33. Abutment Walls:	Concealed,mostly assumed rating; recent 2019 truck accident damaging several wall panels @ N w exp. rebar/spalling.	1	8
C37. Pier Caps:	Efflor.	1	8
C38. Pier Columns:	Minor horiz HL cracking w efflor. esp. @ E most column, upper portions.	1	8
N60. Substructure Summary:	**Summary Rating:**		**8**
C1. Pavement:	N concrete in very good condition; pavers in crosswalk det., some missing; conc. & asphalt patches utility (full width).	2	6
C2. Approach Slabs:	N - covered w pavers (lifted 2012); S new 2012 w widespread long. H/L cracks; nails in concrete around inlet @ SE; vert. offset @ N toward 3rd Street; (settled full width) gap bet. approach slab & 3rd street pavement; see 2021 settlement measurements (Excel file).	2	5

Bridge Inspection Report | *Routine Inspection*

SFN: 3106195

Race Street Bridge over Fort Washington Way **Date Inspected:** 10/11/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY (FWW) #03

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **Summary Rating:** **5**

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **2021 prestressed rating based on ODOT guidance.** **General Appraisal / Operational Status:** **7 A**

Inspection Notes: Widespread paint flaking from streetlights; new (2020) wearing surface on I-71; many stalactites are black; new 2021 plant irrigation system w 3 sprinklers per planter.

General Notes: HAM 71 - 0073

Recommended Maintenance:	Assigned to:
1. Replace lights along I-71.	Traffic
2. Replace broken light bulbs @ railing pedestals.	Traffic
3. Clean drainage.	Parks
4. Remove excess soil.	Parks
5. Repair water proofing.	Parks

Bridge Inspection Report | *Routine Inspection*

SFN: 3106209

Vine Street Bridge over Fort Washington Way **Date Inspected:** 10/11/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY (FWW) #04

Route: 71 **Unit:** 82 **Bridge Type** 132 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 2000 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	SEE ITEM 10: BEAMS	1	8
C7.2. Edge of Floor:	(Cast in place portion of the deck): Cracks w efflor. & staining; minor stalactites SW @ abut; minor staining; small 6" long. scrapes spaced @ 3'+/- on W & E overhangs (N of pier); evidence of seepage through 3 railing jnts. over pier @ E side; seepage @ 2 locations @ W fascia.	1	7
C8. Wearing Surface:	Polycarb Flexogrid overlay 2003 - (spot repaired 2011), breaking up, bubbling, & peeling @ both curbs where water is ponding (almost full length); isol. spalling/flaking elsewhere.	2	6
C9. Curbs/Sidewalks:	New curbs and colored concrete sidewalks 2019; curbs have vert HL cracks turning into trans HL cracks; colored concrete walk at East side with shrinkeage mapcracking (concrete was cracked by the time the control joints were cut); and extensive staining from tire (?) marks on colored conc. @ E; staining from planter over walks @ SW & SE.	1	7
C11. Railing:	Minor spalling & efflor. around fascia joints; vert. cracks w efflor. in flower beds; top of railing panel joints should be: 1 end w slotted bolt, 1 end welded but 2 welds @ E not apparent.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	Water ponding @ NE approach and at curbs; inlet filled @ NW leaking through E planter (where membrane is clearly punctured @ many locations.	2	6
N58. Deck Summary:	**SW light reflector panel peeling.**	**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Spall in box beam @ S abut; backer rod hanging out of jt. - N side; slight vert. offset bet. beams @ midspan N (beams 1 & 2 from E); build-up of efflor. & dampness @ some drainholes; seepage and stalactites {up to 12" long} between beams 2 & 3 from E, S of pier & S of N abutment; deep honey comb N of pier, beam 9 from W (same beam has moisture & little rust staining @ drain hole); small corner delam N of pier beam 7 from W; many small rust stains from embedded objects; beam 6 from E, N of pier has 2' long delam; beam 9 from E has HL long. crack 1.5' S of pier.	1	7
N59. Superstructure Summary:	**Isol. honeycombing on box beam bottoms.**	**Summary Rating:**	**7**
C33. Abutment Walls:	Concealed, assumed rating.	1	8
C37. Pier Caps:	Vert. HL crack w efflor; moisture @ jt. on N side near E end; full height HL cracks w efflor. S side W cant. @ first span from W.	1	8
C38. Pier Columns:	Minor HL cracking.	1	8
N60. Substructure Summary:		**Summary Rating:**	**8**

Bridge Inspection Report | *Routine Inspection*

SFN: 3106209

Vine Street Bridge over Fort Washington Way

Date Inspected: 10/11/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: _____

Bridge No.: CITY (FWW) #04

C1. Pavement:	Sev pavers det. & settling @ N; severe in pedestrian crosswalks on 3rd st.; asphalt patches for utility.	2	6
C2. Approach Slabs:	Raised @ N 2012; new slab @ S (2012) w 2 long. cracks; ext. cracking in center @ top of backwall @ N; paver det @ N; settled, see 2021 measurements (Excel file in FWW folder).	1	8

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **Summary Rating: 6**

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **Beams rated according to new guidance {2021}.** **General Appraisal / Operational Status:** **7 A**

Inspection Notes: New wearing surface on I-71 in 2020

General Notes: HAM 71-0082.

Recommended Maintenance:	**Assigned to:**
1. Remove excess soil from planter & repair planter membrane.	Parks
2. Replace lights on FWW 3/4 not working.	Traffic
3. Repair membrane of E planter.	Contract
4. Consider overlay repairs at E curb.	Contract
5. Check planter drainage esp @ SW.	Parks

Bridge Inspection Report | *Routine Inspection*

SFN: 3106314

Walnut Street Bridge over Fort Washington Way **Date Inspected:** 10/11/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY (FWW) #05

Route: 71 **Unit:** 91 **Bridge Type** 132 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 2000 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	SEE: ITEM 10 BEAMS.	1	7
C7.2. Edge of Floor:	Trans. cracks w efflor. & minor rust stains in overhangs; spalling @ feet of rebar chairs; seepage over pier @ fascia's; distinct leakage locations @ E & W with mineral buildup {also @ W w heavy buildup @ S}; W w heavy buildup on S.	1	7
C8. Wearing Surface:	Polycarb Flexogrid overlay (2003 & spot repairs 2011); isol. peeling (w long. cracking) of flexogrid around streetcar track; blistering & peeling @ E curb w isol. cracking.	1	7
C9. Curbs/Sidewalks:	New curbs & colored concrete sidewalks 2019; W curb has HL trans cracks; widespread staining (wheels?) on sidewalks; sidewalk crushing @ SE @ interface w 2nd St. walk.	1	8
C11. Railing:	Spalled @ edge of planter @ NW; cracks w efflor. in planters, some w spalling; possible weld missing @ top of one railing panel joint @ W; ext. staining @ SE planter.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	Minor ponding @ curbs; water proofing @ planters broken noticably @ several locations where fasteners poke through membrane.	2	6
N58. Deck Summary:	**Floor rating based on edge of floor condition.**	**Summary Rating:**	**7**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Small spall @ 3 beam from W @ S abut; staining (stalactites) between beams 2 thru 4 from E in S span S of pier & N of S abutment; several backer rods sticking out between beams; small spall (patched) at 10 beam from W over S bound lanes; small corner spall S of pier on W most beam; spall @ S abutment beam 3 from W; many small rust stains from embedded objects.	1	7
N59. Superstructure Summary:	**Areas w pronounced honeycombing. Rating based on new 2021 ODOT guideline for box beams.**	**Summary Rating:**	**7**
C33. Abutment Walls:	Concealed, assumed rating.	1	8
C37. Pier Caps:	Minor HL cracking @ some locations.	1	8
C38. Pier Columns:	Horiz. HL cracks @ cold jts., esp. W face of E column.	1	8
N60. Substructure Summary:		**Summary Rating:**	**8**
C1. Pavement:	N only; mostly new 2015 due to streetcar; brick crosswalk @ NE disentegrating/patched w asphalt.	1	8
C2. Approach Slabs:	New 2015 (street car); long. cracking @ (around sewer MH's) N & 1 @ S; minor crushing on bridge side @ N. (See vertical offset measurements in FWW file).	1	7
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	N		

Bridge Inspection Report | *Routine Inspection*

SFN: 3106314

Walnut Street Bridge over Fort Washington Way

Date Inspected: 10/11/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: R. Reising

Bridge No.: CITY (FWW) #05

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **Summary Rating:** **7**

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **2021 rating based on updated guidance.** **General Appraisal / Operational Status:** **7 A**

Inspection Notes: Planter drains cleaned 10-31-16; New (2020) wearing surface on I-71; evidence of planter overtopping @ S end, E & W; soil level in planters exceeds top of water proofing; 2021 newly added sprinklers in center of planters {3 per planter}.

General Notes: HAM 71- 0091

Recommended Maintenance:		Assigned to:
1.	Remove excess soil in planters.	Parks
2.	Replace lights on I-71.	Traffic
3.	Consider replacement of wearing surface strip next to E curb +/- 1' wide.	Contract
4.	Seal planter boxes, repair punctured membrane.	Warranty?
5.	Check leak in irrigation @ SW.	Parks
6.	Check/repair planter drainage @ SE.	Parks

City Skywalk Bridges

Bridge Inspection Report | *Routine Inspection*

SFN: 3199982

Chiquita Center Paulding Alley Pedestrian Overhead **Date Inspected:** 05/19/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY SKYWALK #01

Route: **Unit:** **Bridge Type** 363 / **Date Built / Date Rehabbed:** 1986 /

Load Rating Percent **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Corr. steel form deck filled w conc; enclosed; not visible; stains esp. near vent @ E; minor dent/scrape from impact @ S.	1	7
C9. Curbs/Sidewalks:	Pavers; vertical tiles stained below windows.		
C11. Railing:	Steel pipe handrail.	1	9
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	"Carlisle" roof membrane; apparent water damage (former?) @ SE.	1	9
C13. Expansion Joints:	Tear in seal @ outside @ W (bottom); E inside joint cover (top) misaligned @ center joint; irregular folding of exp joint gland @ all outside corners.	1	7
N58. Deck Summary:	**Deck floor not visible; completely glass enclosed; part. Assumed rating.**	**Summary Rating:**	**7**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	2 bays; 3 rolled girders support bridge from below; enclosed; not visible.		
C17. Stringers:	Joists support roof structure; enclosed; not visible.		
C18. Floor Beams:	WF's support deck; enclosed; not visible.		
C19. Truss Verticals:	Steel columns support roof jts; bear on girders; connections not visible.	1	8
C24. Lateral Bracing:	Steel bar X-bracing both bays; enclosed; not visible.		
N59. Superstructure Summary:	**Superstructure not visible; assumed rating.**	**Summary Rating:**	**8**
C37. Pier Caps:	Cracked conc. fascia on E bldg. below E end of bridge - strike plate installed (1 bolt missing - impact) many others bent/scraped; minor cracks & scrapes @ E pier beam; W concealed by façade.	1	7
C38. Pier Columns:	Repeated impacts @ SE column (loading dock); (2017) steel column colars for protection against impact.	1	7
N60. Substructure Summary:	**Substructure not visible; assumed rating.**	**Summary Rating:**	**7**

Bridge Inspection Report | *Routine Inspection*

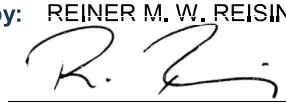
SFN: 3199982

Chiquita Center Paulding Alley Pedestrian Overhead

Date Inspected: 05/19/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: 

Bridge No.: CITY SKYWALK #01

65. Vertical Clearance: Measured 15'-7".

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 7 A

General Notes:
Skywalk 052
2017 steel colars installed around E pier columns for impact protection (full height @ N under bridge, partial height @ S).
VC reduced by camera to 14' 10".
Bridge maintained by Federal Bldg {per plaque}.

Bridge Inspection Report | *Routine Inspection*

SFN: 3199810

Convention Way Pedestrian Overhead from Race to Vine Street **Date Inspected:** 11/02/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: R. Reising **Bridge No.:** CITY SKYWALK #02

Route: **Unit:** **Bridge Type** 372 / **Date Built / Date Rehabbed:** 1970 / 1996

Load Rating Percent **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Covered by drop ceiling panels; stains; plaster coating bulging @ several loc.'s; some panels missing, cracked, broken, stained or loose; impact damage to floor @ various locations.	1	7

N36. National Safety Feature - Bridge Railing (0, 1 or N): N

N58. Deck Summary: **Summary Rating: 7**

C14. Alignment of Members:		1	8

C15.1. Beams/Girders: Steel I beams - not visible.

C18. Floor Beams: Steel I beams - not visible.

N59. Superstructure Summary: **Redundant; not fatigue prone; not visible, even inside of W building no longer accessible - assumed rating.** **Summary Rating: 7**

C38. Pier Columns:	Steel I beams; conc. encased; minor cracking; minor efflor @ some columns; minor impact damage @ some columns; full height vert. cracks; HL mapcracking @ NE most column. Efflor. @ N first pier from E - up to 0.016"; wide horiz. crack 5' of ground wrapping around N column, #3 from W. Some columns equipped with corner steel angles for impact protection.	1	7

N60. Substructure Summary: **Summary Rating: 7**

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **Superstructure completely enclosed, partially assumed rating.** **General Appraisal / Operational Status:** **7 A**

Inspection Notes: Skywalk 025, 036 & 037; inside mostly blocked off (W of post office) since 2019; 2021 ongoing const. below w equipment/containers.

General Notes: These 2 bldgs. (525 Vine & Fountain Square West) are built over Convention Way Right-of-Way. Skywalk goes through 525 Vine lobby & Skywalk area in Fountain Square West. Skywalk to E & W removed.

Bridge Inspection Report | *Routine Inspection*

SFN: 3199810

Convention Way Pedestrian Overhead from Race to Vine Street

Date Inspected: 11/02/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: 

Bridge No.: CITY SKYWALK #02

Recommended Maintenance:

Assigned to:

1. Determine maintenance after construction is completed.

Bridge Inspection Report | *Routine Inspection*

SFN: 3199993

Elm Street Convention Way Pedestrian Overhead **Date Inspected:** 07/27/2020

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature: _____ **Bridge No.:** CITY SKYWALK #03

Route: **Unit:** **Bridge Type** 364 / **Date Built / Date Rehabbed:** 1986 /

Load Rating Percent **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Conc. filled CMD; enclosed; not visible; widespread staining - efflor.(?) in metal decking; apparent blistering on corners of many panels; jt. mat'l. rough/disintegrating @ several locs; cladding below SE end of bridge lifting at panel edge.	2	6
C9. Curbs/Sidewalks:	Tile; widespread discoloration.		
C11. Railing:	Metal handrailing in very good condition; some window panels slightly condensated; some inside railing slats removed & apparently stored behind railing(2020).	1	8
N36. National Si			
C12. Drainage:		1	8
C13. Expansion		1	7
N58. Deck Summ		**nary Rating:**	**6**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	2 welded plate girders @ floor level; enclosed not visible.		
C17. Stringers:	Joists run between columns, enclosed, not visible.		
C18. Floor Beams:	Rolled WF sections support deck floor & roof; enclosed, not visible.		
C19. Truss Verticals:	14 tubular col. on each side; (6th @ S from E has a "filled" sound when being tapped, while all others sound hollow); conn. Not visible.	1	8
C30. Protective Coating System (PCS):	**System:** **Year:** 1999 **PCS Rating:** 8 Vert. and handrails painted.		
N59. Superstructure Summary:	**Condition based on previously observed leakage, inside not accessible in 2020; mostly assumed rating.**	**Summary Rating:**	**6**
C37. Pier Caps:	Enclosed @ W; painted concrete @ E	1	8
C38. Pier Columns:	W end supported on bldg, granite enclosed not visible; E end supported on painted conc. Pier; coated (2014).	1	8
N60. Substructure Summary:	**W substructure not visible; partially assumed rating.**	**Summary Rating:**	**8**

REMOVED

Bridge Inspection Report | *Routine Inspection*

SFN: 3199993

Elm Street Convention Way Pedestrian Overhead

Date Inspected: 07/27/2020

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 A

Signature: R. Reising

Bridge No.: CITY SKYWALK #03

65. Vertical Clearance: 16'-4"

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 6 A

Inspection Notes: New roof installed in fall of 2013 after extended leakage through the structure.
2020, inside of bridge some ceiling slats removed and apparently stored behind handrailing (noticible from outside below bridge).
2020 hotel & bridge closed, no access to the inside possible.

Recommended Maintenance:

Assigned to:

1. Maintenance needs to be determined based on future use of structure.

REMOVED

Bridge Inspection Report | *Routine Inspection*

SFN: 3199994

Elm Street Pedestrian Overhead South of 5th Street **Date Inspected:** 11/03/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY SKYWALK #04

Route: **Unit:** **Bridge Type** 364 / **Date Built / Date Rehabbed:** 1983 /

Load Rating Percent **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Conc. on metal decking; enclosed not visible; minor isol stains @ bldg. connections & @ several bottom panels over center of roadway (esp. numbers 8 & 9 from E).	1	7
C9. Curbs/Sidewalks:	Carpet, worn/ stained		
C11. Railing:	Completely glass enclosed; metal handrail; cracked caulking on top of windows inside; 3 new windows installed (2017); 2 fogged windows.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Ballasted membrane roof w 2 inlets at third points (staining of ballast near drains); water damage at W.	3	4
C13. Expansion Joints:	Jt. material missing @ SE (inside); water damage @ E.	1	8
N58. Deck Summary:	**Deck floor not visible; part. assumed rating. Inside of bridge closed, not accessed since 2019.**	**Summary Rating:**	**7**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	2 welded plate girders @ roof level; enclosed - not visible.		
C17. Stringers:	WF's along fascia support deck floor beams; enclosed - not visible.		
C18. Floor Beams:	Rolled WF sections support decks & roof; not visible.		
C19. Truss Verticals:	12 columns on each side; enclosed - not visible.		
N59. Superstructure Summary:	**Not redundant; fatigue prone; superstructure is not visible - assumed rating, partially based on previous leakage and general appearance.**	**Summary Rating:**	**7**
C38. Pier Columns:	Supported on buildings on both ends; enclosed, not visible; minor spalling of brick @ E building; slight water stains around outside of building.	1	8
N60. Substructure Summary:	**Substructure not visible - assumed rating.**	**Summary Rating:**	**8**

Bridge Inspection Report | *Routine Inspection*

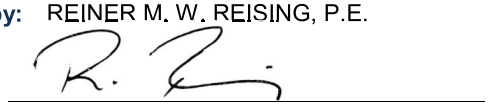
SFN: 3199994

Elm Street Pedestrian Overhead South of 5th Street

Date Inspected: 11/03/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: 

Bridge No.: CITY SKYWALK #04

65. Vertical Clearance: Measured 17'-0".

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 7 A

Inspection Notes: Inside blocked (around June 2020) by Hotel, could not be inspected 2021; lights on during daytime; Port to remove bridge with bldg across Elm st. in near future.

General Notes: Skywalk 016

Bridge Inspection Report | *Routine Inspection*

SFN: 3161765

Fifth Street Pedestrian Overhead East of Main Street **Date Inspected:** 05/19/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: _____ **Bridge No.:** CITY SKYWALK #05

Route: FIFTH **Unit:** 0059 **Bridge Type** 344 / 344 **Date Built / Date Rehabbed:** /

Load Rating Percent 000 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Metal decking; enclosed, not visible; assumed rating.	1	8
C9. Curbs/Sidewalks:	Granite pavers inside.		
C11. Railing:	Completely enclosed skywalk w windows; metal handrail; few scrapes and stains on fascias; shifted cladding above window @ E & W side over 2 S most lanes.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Membrane roof w 4 inlets (3 on bridge one on S approach); minor staining from ponding on top; Inside (SW of bridge) there is evidence of waterdamage at the vertical member also SE over sidewalk; staining @ vertical apparently from leakage.	1	7
C13. Expansion Joints:	Visible @ S inside only.	1	9
N58. Deck Summary:	**Deck floor not visible; part. assumed rating.**	**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C18. Floor Beams:	Enclosed, not visible.		
C19. Truss Verticals:	Enclosed, not visible.		
C21. Upper Chord:	Enclosed, not visible.		
C22. Lower Chord:	Enclosed, not visible.		
C26. Bearing Devices:	Enclosed, not visible.		
N59. Superstructure Summary:	**Assumed rating.**	**Summary Rating:**	**8**
C37. Pier Caps:	Concealed.	1	8
C38. Pier Columns:	Conc. & steel columns; not visible.	1	8
N60. Substructure Summary:	**Substructure not visible; assumed rating.**	**Summary Rating:**	**8**

Bridge Inspection Report | *Routine Inspection*

SFN: 3161765

Fifth Street Pedestrian Overhead East of Main Street

Date Inspected: 05/19/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: R. Reising

Bridge No.: CITY SKYWALK #05

65. Vertical Clearance: 17'-6".

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 8 A

Inspection Notes: Skywalk 053; loose cladding above window @ W side over 2 S most lanes. Dripping on N end from skyscraper window washing during 2021 inspection.

Recommended Maintenance:		Assigned to:
1.	Trim tree branches @ S to prevent scraping against bridge.	Owner
2.	Reset & fasten cladding above windows @ W side over street (2 locations over 2 S most lanes).	Owner
3.	Reset ceiling panels inside @ S.	Owner
4.	Replace cladding @ bottom of windows @ E & W between 4th & 5th window from N.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3199974

Fifth Street Pedestrian Overhead West of Elm Street **Date Inspected:** 11/01/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 4 K

Signature: _____ **Bridge No.:** CITY SKYWALK #06

Route: **Unit:** **Bridge Type** 364 / **Date Built / Date Rehabbed:** 1986 /

Load Rating Percent **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Enclosed - not visible; galv. form deck filled w conc; ext. rust w LOS @ SE joint with one ceiling panel shifted at roof access (2 locations). Previous leakage through deck noted days after rain.	2	5
C9. Curbs/Sidewalks:	Tile pavers; general discoloration, minor settlement @ S @ railing; widespread salt staining & grout damage and debris (including leaves, feces, etc).		
C11. Railing:	Half height plexiglas side plates w metal handrail.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Ballasted membrane roof with 2 drains @ S; some leakage @ ceiling access hatch even during dry spell; significant dripping @ SE indicates water in deck.	3	2
C13. Expansion Joints:	Caulk failing @ N; corr. @ S jt. w LOS (due to adj. walkway); new threshold installed @ SE in 2012.	2	6

N58. Deck Summary: **Deck floor not visible; part. assumed rating; rust staining below structure @ dripping through deck @ SE. Top of bridge no longer accessible, historic remarcs.** **Summary Rating: 5**

C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	2 long. girders support superstructure from above; mostly enclosed - not visible; portions of the cladding @ SE were removed and indicate corrosion of the superstructure (assumed to be localized only).	3	4
C17. Stringers:	WF's along fascia hung from girders; enclosed - not visible.		
C18. Floor Beams:	WF floor beams; enclosed - not visible.		
C19. Truss Verticals:	Steel pipe hangers support floor from above; conn. not visible.	1	7
C24. Lateral Bracing:	Enclosed - not visible.		
C26. Bearing Devices:	Enclosed - not visible.		

C30. Protective Coating System (PCS): **System:** **Year:** 1986 **PCS Rating:** 8

Isol. chalking, fading; paint peeling @ top of one vertical.

N59. Superstructure Summary: **Superstructure not visible; assumed rating based on partial inspection @ SE, and water oozing through the structure.** **Summary Rating: 4**

C38. Pier Columns:	Supported on building @ N, pier @ S, both enclosed, not visible; minor impact damage to enclosures (bases); staining on some enclosures indicating possible leakage issues.	1	7

N60. Substructure Summary: **Substructure not visible; assumed rating.** **Summary Rating: 7**

Bridge Inspection Report | *Routine Inspection*

SFN: 3199974

Fifth Street Pedestrian Overhead West of Elm Street

Date Inspected: 11/01/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 4 K

Signature:

Bridge No.: CITY SKYWALK #06

65. Vertical Clearance: Measured 15'8".

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status: **Partially assumed rating based on observed leakage and corrosion at connection to adjacent elevated walkway, (sturctural elements completely enclosed).**

General Appraisal / Operational Status: **4 K**

Inspection Notes: Inside lights burning during the day. Bridge closed to all traffic due to condition of the adjacent elevated walk.
Dripping from bridge in 2019 & 2020 & 2021, despite a series of dry days prior to the inspection; top could not be accessed since 2020, all access point locked off.
Bridge to be removed by the Port in 2021.

General Notes: Skywalk 013

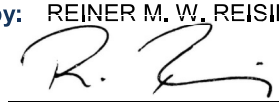
Recommended Maintenance:	**Assigned to:**
1. Bridge will be removed in near future (Port project).	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3161811

Fourth Street Pedestrian Overhead East of Main Street **Date Inspected:** 05/19/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: 

Bridge No.: CITY SKYWALK #07

Route: FOURT **Unit:** 0005 **Bridge Type** 344 / 321 (Main/Approach Spans) **Date Built / Date Rehabbed:** /

Load Rating Percent 000

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Concealed, not visible.	1	8
C11. Railing:	Glass enclosed; metal handrail; staining from runoff on outside of windows.	1	9
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Membrane roof w 4 inlets; minor ponding between drains.	1	7
C13. Expansion Joints:	Sliding plate @ N end.	1	8
N58. Deck Summary:	**Mostly assumed rating bassed on overall condition.**	**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C18. Floor Beams:	Not visible.		
C26. Bearing Devices:	Enclosed, not visible.	1	8
N59. Superstructure Summary:	**Partially assumed rating.**	**Summary Rating:**	**8**
C37. Pier Caps:	N only, concealed, not visible; supported on building @ S.	1	8
C38. Pier Columns:	Concealed, not visible; runoff staining (mossy) @ top, E of NE column.	1	8
N60. Substructure Summary:	**Partially assumed rating (Substructure visible at N only, supported on buiding at S).**	**Summary Rating:**	**8**

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **8 A**

General Notes: Skywalk 055

Bridge Inspection Report | *Routine Inspection*

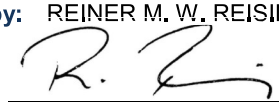
SFN: 3161811

Fourth Street Pedestrian Overhead East of Main Street

Date Inspected: 05/19/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: 

Bridge No.: CITY SKYWALK #07

Bridge Inspection Report | *Routine Inspection*

SFN: 3161587

Government Place Pedestrian Overhead East of Walnut Street **Date Inspected:** 11/03/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY SKYWALK #08

Route: GOVRN **Unit:** 0000 **Bridge Type** 122 / NNN **Date Built / Date Rehabbed:** 1972 /

Load Rating Percent 000 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Coated (2012); several rust stains near W exp. joint.	1	8
C7.2. Edge of Floor:		1	8
C9. Curbs/Sidewalks:	Epoxy overlayed walking surface (2012).		
C11. Railing:	Metal railing on conc. parapet (new 2012).	1	9
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	5 inlets in walkway; grates appear to be slightly filling up w gunk.	1	7
C13. Expansion Joints:	Comp. seal (2012).	1	9
N58. Deck Summary:		**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Post-tensioned RC beams; patched & coated in 2012; uneven patches & minor rust stains @ W connection to Walnut bridge.	1	8
N59. Superstructure Summary:	**Not redundant; not fatigue prone; HL cracking @ bottom of vertical columns.**	**Summary Rating:**	**8**
C37. Pier Caps:	Integral; coated & patched in 2012.	1	8
C38. Pier Columns:	Coated & patched in 2012; 2 minor delams detected (ground level) @ bottoms of columns, 1 crack & delam @ bottom of column @ upper level.	1	7
N60. Substructure Summary:		**Summary Rating:**	**7**

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 A**

General Notes: Skywalk 048; one light turned on during 2021 inspection.

Bridge Inspection Report | *Routine Inspection*

SFN: 3161587

Government Place Pedestrian Overhead East of Walnut Street

Date Inspected: 11/03/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: R. Reising

Bridge No.: CITY SKYWALK #08

Recommended Maintenance:	Assigned to:
1. Clean grates of walkway inlets.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3199981

Main Street Pedestrian Overhead South of Sixth Street **Date Inspected:** 05/19/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: R. Reising **Bridge No.:** CITY SKYWALK #09

Route: **Unit:** **Bridge Type** 363 / **Date Built / Date Rehabbed:** 1986 /

Load Rating Percent **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Enclosed, not visible; CMD w conc; moderate impact damage on S side @ W with one tear; some bottom soffit panels have different colors indicating replacement at some point, widespread staining @ bottom; bolts in floor panel near streetcar protective plate; lichen accumalating outside under windows @ N.	1	7
C11. Railing:	Completely glass enclosed; steel pipe handrail.	1	9
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Mechanically fastened membrane roof; slight traces of water damage @ interior @ bridge ends; roof membrane appears to be sticking out slightly above tp of bridge at some locations.	1	8
C13. Expansion Joints:	Slight bulging @ E building connection (bridge "apparently shifted" N compared to gland, most likely construction related); inside of bridge tile joints offset in same manner; some white staining on seals (outside).	1	8
N58. Deck Summary:	**Deck floor not visible; part. assumed rating. New (2016) plate bolted to bridge protecting bridge against Streetcar catenary wire.**	**Summary Rating:**	**7**
C14. Alignment of Members:	Slight apparent hor. offset of E joint, see expansion joints.	1	7
C15.1. Beams/Girders:	Long. rolled girders support structure from below; enclosed; not visible.		
C17. Stringers:	Joists along fascia support roof; enclosed; not visible.		
C18. Floor Beams:	Floor beams support deck & roof, enclosed not visible.		
C19. Truss Verticals:	Steel pipe col. support roof joists; bear on beams; conn. not visible; 5mm diameter hole in 2nd vert from NE (apparently drilled).	1	7
C30. Protective Coating System (PCS):	**System:** **Year:** 1986	**PCS Rating:**	8
N59. Superstructure Summary:	**Not redundant; not fatigue prone; superstructure not visible; assumed rating; one panel was removed in Fall 1998 & access was available to part. inspect superstructure.**	**Summary Rating:**	**7**
N60. Substructure Summary:	**Substructure not visible, supported on adjacent buildings; assumed rating.**	**Summary Rating:**	**8**

Bridge Inspection Report | *Routine Inspection*

SFN: 3199981

Main Street Pedestrian Overhead South of Sixth Street

Date Inspected: 05/19/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: 

Bridge No.: CITY SKYWALK #09

65. Vertical Clearance: Measured 15'3"; clearance over streetcar track is 15'-5".

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status: **Bridge inventoried into SMS in 2018.**

General Appraisal / Operational Status: **7 A**

Inspection Notes: Skywalk 050.
Streetcar OCS protective plates added to bridge in 2016.
Slight misalignment of streetcar protective plate segments @ joints.

General Notes: Bridge maintained by 580 building;

Bridge Inspection Report | *Routine Inspection*

SFN: 3199960

Plum Street Pedestrian Overhead North of Sixth Street **Date Inspected:** 11/04/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 4 A

Signature: _____

Bridge No.: CITY SKYWALK #10

Route: **Unit:** **Bridge Type** 364 / **Date Built / Date Rehabbed:** 1986 /

Load Rating Percent **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Conc. filled CMD; mostly enclosed; panels removed under stairs & @ W building connection for repair; cladding removed @ exp.		
C9. Curbs/Sidewalks:	Tile. Stair landing: newly poured & steps caulked {2021}. Plants growing in older caulk @ lower level center steps.	1	7
C11. Railing:	Some railing post bases corr.; wide opening @ NW covered w metal panel; excessive opening @ SW due to ongoing cladding repair.	4	1
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Ballasted membrane roof; rust at roof flashing; leakage @ W building con. and W of belltower, and leaking under center stairs & N above bell tower.	4	1
C13. Expansion Joints:	Extensive staining below W jt; W exp. to building removed in 2020.		
N58. Deck Summary:	**2021 partially exposed floor due to ongoing investigation; ongoing repairs 2021, rating reflects pre repair condition.**	**Summary Rating:**	**1**
C14. Alignment of Members:		1	7
C17. Stringers:	2 WF's along fascia support roof & deck; enclosed; partially exposed in 2021 @ W cantilever & near bell tower; ongoing repairs 2021.	3	4
C18. Floor Beams:	WF's support roof & deck; enclosed - typically not visible; FBs extend out from bridge at piers, flashing over FB extension/connection is not water tight; W most FB completely replaced, adjacent FB strengthened.	1	7
C19. Truss Verticals:	Pipe columns support roof joists - bear on girders (conn's. concealed); Caulk at the bottom of the exposed vert. failing causing initial corrosion (mostly @ N side of bridge).	1	7
C30. Protective Coating System (PCS):	**System:** **Year:** 1999	**PCS Rating:**	7
	Railing & verticals painted (1999).		
N59. Superstructure Summary:	**Portions of SS exposed in 2021 for inspection; ongoing repairs; rating reflects condition @ exposed stringer/beam ends that are under construction, rating expected to change once rahab work is completed.**	**Summary Rating:**	**4**
C37. Pier Caps:	Mostly enclosed, partially exposed.		
C38. Pier Columns:	Steel WF columns (tower); mostly enclosed, not visible; 2020 investigation w partial exposure of NW column started; perforation of column cladding skeleton but steel column in good condition.	1	7
N60. Substructure Summary:	**Substructure mostly concealed - assumed rating based partially removed enclosure observations.**	**Summary Rating:**	**7**

Bridge Inspection Report | *Routine Inspection*

SFN: 3199960

Plum Street Pedestrian Overhead North of Sixth Street

Date Inspected: 11/04/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 4 A

Signature:

Bridge No.: CITY SKYWALK #10

65. Vertical Clearance:

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 4 A

Inspection Notes: 2021 ongoing repair with partially exposed structure.

General Notes: Skywalk 061. Bridge, stair tower and adjacent bridge over 6th Street owned by Port of Cincinnati.

Recommended Maintenance:		Assigned to:
1.	Continue leak investigation & struct repairs.	Owner
2.	Secure wide railing opening @ SW.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3199976

Race Street Pedestrian Overhead - 1st South of Fifth Street

Date Inspected: 05/19/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: R. Reising

Bridge No.: CITY SKYWALK #11

Route: **Unit:** **Bridge Type** 364 / **Date Built / Date Rehabbed:** /

Load Rating Percent **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Enclosed; not visible; CFD filled w conc; cladding inside over SW window appears to be temporary w bolts protruding; new tile @ top of steps not continuos to curb (NE).	1	7
C9. Curbs/Sidewalks:	Tile (old) cracked @ E near top of steps.		
C11. Railing:	Glass enclosed; evidence of minor leakage @ some windows; water runoff stains @ fascia's.	2	6
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Ballasted membrane roof; water stains & damage @ W end. Missing Roof drain cover at W(2019), E roofdrain cover shifted and actual drain filled with balast (2019). Several leakage issues W of bridge (sagging ceiling covers).	2	6
C13. Expansion Joints:	Floor seal broken & depressed @ W @ several locations inside of bridge; outside caulk @ NW peeling.	2	6
N58. Deck Summary:	**Dent in N cladding over roadway. Deck floor not visible; part. Assumed rating.**	**Summary Rating:**	**7**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	2 lower long. girders support superstructure; enclosed - not visible.		
C17. Stringers:	WF's along fascia support roof; enclosed - not visible.		
C18. Floor Beams:	Small WF's support roof & deck; enclosed - not visible.		
C19. Truss Verticals:	Rectangular steel tube columns support roof joists. - bear on girders; enclosed - not visible.		
N59. Superstructure Summary:	**Superstructure not visible; assumed rating.**	**Summary Rating:**	**7**
C38. Pier Columns:	Supported on building @ W and encased WF columns @ E curb; NW column has full height crack through exposed bricks.	1	7
N60. Substructure Summary:	**Substructure not visible; assumed rating.**	**Summary Rating:**	**7**

Bridge Inspection Report | *Routine Inspection*

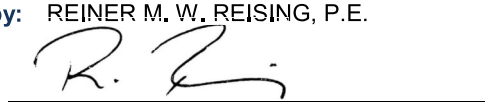
SFN: 3199976

Race Street Pedestrian Overhead - 1st South of Fifth Street

Date Inspected: 05/19/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: 

Bridge No.: CITY SKYWALK #11

65. Vertical Clearance: Measured 15'-11".

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status: **Partially assumed rating (most members concealed), based on observed leakage issues @ W end.**

General Appraisal / Operational Status: **7 A**

Inspection Notes: Skywalk 020. Escalator @ East replaced with steps in 2017. W end modified in 2017 as part of the Pogues garage removal.
Minor impact to cladding{slight dent below window} at N over left hand lane.
Roof level not inspected 2021 (Corona access to offices above).
Bridge closed off due to covid in 2021.

General Notes: Plans filed in A&FM B-4-3.

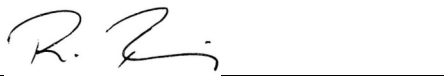
Recommended Maintenance:		**Assigned to:**
1.	Replace cladding panel inside over SW windows (extra hole, bolts sticking out).	Owner
2.	Seal bottom of curbs @ new stair tiles on top.	Owner
3.	Replace missing roof drain (W).	Owner
4.	Clean out E most roof drain & reset cover.	Owner
5.	Replace comp seal in joint inside bridge @ W.	Owner
6.	Investigate possible leaking @ W end.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3199959

Sixth Street Pedestrian Overhead East of Plum Street **Date Inspected:** 11/04/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 4 A

Signature:  **Bridge No.:** CITY SKYWALK #12

Route: **Unit:** **Bridge Type** 364 / **Date Built / Date Rehabbed:** 1986 /

Load Rating Percent **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Conc. filled CMD; mostly enclosed; cladding removed under joints for repair in 2021.	2	5
C9. Curbs/Sidewalks:	Tile; some mortar deter. (caulked over); some tiles cracked or shifted, esp near railings, mortar deterioration and salt staining allowing salt & water to enter deck; tiles replaced @ S & N exp. jt.'s.		
C11. Railing:		1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Ongoing repairs 2021.		
C13. Expansion Joints:	Joint @ S replaced {new cover plate & conc. wearing surface}; ongoing joint leaks have caused sev. det. to structure below (repair plan being developed by owner).	3	4

N58. Deck Summary: **Deck floor only partially visible; rating based on pre-repair condition since repairs are ongoing at the time of the 2021 inspection.** **Summary Rating:** **5**

C14. Alignment of Members:		1	8
C17. Stringers:	WF along fascia support roof floor beams; mostly enclosed; S portion exposed in 2021 for inspection.	2	6
C18. Floor Beams:	WF's support roof & deck; tower bridge ends partially exposed in 2021; sev LOS on FB's detected, portions repaired in 2021, more repairs ongoing.		
C19. Truss Verticals:	Pipe columns support roof joists; bear on girders; minor rusting @ top & bottom of several verticals.	1	7

C30. Protective Coating System (PCS): **System:** **Year:** 1999 **PCS Rating:** 7

Minor flaking @ columns; scratched handrail.

N59. Superstructure Summary: **Ongoing repairs in 2021, partially exposed Superstructure; rating based on pre repair condition.** **Summary Rating:** **4**

C37. Pier Caps:	Ongoing repairs to steel members @ S.		
C38. Pier Columns:	Mostly enclosed, not visible.	2	6

N60. Substructure Summary: **Limited access; substructure mostly concealed; ongoing repair work at the time of the 2021 inspection, rating basec on pre repair condition.** **Summary Rating:** **4**

Bridge Inspection Report | *Routine Inspection*

SFN: 3199959

Sixth Street Pedestrian Overhead East of Plum Street

Date Inspected: 11/04/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 4 A

Signature: _____

Bridge No.: CITY SKYWALK #12

65. Vertical Clearance:

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 4 A

Inspection Notes: 2021: portions of the decking removed due to concerns about structural integrity; ongoing repair by consultant; area to S of bridge shored w temporary steel column, rating based on the pre-repair condition since repairs are not completed, however bridge is more secure now.

General Notes: Skywalk 060

Recommended Maintenance:	Assigned to:
1. Ongoing repairs.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3161684

Vine Street Pedestrian Overhead South of Fifth Street **Date Inspected:** 05/19/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY SKYWALK #13

Route: VINE **Unit:** 0015 **Bridge Type** 364 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1981 /

Load Rating Percent 000

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Conc. filled corr. metal; enclosed, not visible; widespread extensive staining to bottom cladding.	1	8
C7.2. Edge of Floor:	Minor denting @ fascia panels.	1	7
C9. Curbs/Sidewalks:	Carpet, stained.		
C11. Railing:	Skywalk completely glass plate enclosed w metal handrail; some window panes appear slightly loose (not fully secured in frame over full height?)	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Membrane roof without ballast. Slight bubbling of membrane and very minor ponding noticible from above. Signs of former leakage (drywall staingin and damage) @ all 4 corners; staining from water @ bottom inside of windows.	1	7
C13. Expansion Joints:	Uneven compression seal @ inside walls @ W with foam visible in top portion of joint.	1	8
N58. Deck Summary:	**1 light inside of bridge broken, one light fixture cover dented and shifted.**	**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Supported below by 2 W36x210 girders; enclosed - not visible.	1	7
C17. Stringers:	Roof supported by 2 W 27x94 girders & 13 roof beams; enclosed - not visible.		
C18. Floor Beams:	Enclosed - not visible.		
C26. Bearing Devices:	Enclosed.		
N59. Superstructure Summary:	**Not redundant; not fatigue prone; superstructure not visible, assumed rating.**	**Summary Rating:**	**7**
C35. Abutment Columns:	Supported on adjacent building@ E and granite covered pier @ W; W columns are originating from (Duke?) vault with granite column caldding overhanging Duke Vault lids; very minor damage to granite enclosures; mostly assumed rating.	1	8
N60. Substructure Summary:	**Substructure not visible.**	**Summary Rating:**	**8**

Bridge Inspection Report | *Routine Inspection*

SFN: 3161684

Vine Street Pedestrian Overhead South of Fifth Street

Date Inspected: 05/19/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: R. Reising

Bridge No.: CITY SKYWALK #13

65. Vertical Clearance: Measured: 16'-9"

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status: **Partially assumed rating.**

General Appraisal / Operational Status: **7 A**

Inspection Notes: Standing water @ 5th window from W @ S. (not observed in 2021).

General Notes: Plans filed at TPUD as "Fountain Square South Skywalks" UA-9-3

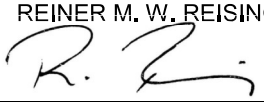
Recommended Maintenance:	Assigned to:
1. Seal around windows, esp 5th from W @ S.	Owner
2. Dress up inside of bridge ends (former water damage).	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3162982

Walnut Street Government Place Pedestrian Overhead **Date Inspected:** 11/03/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature: 

Bridge No.: CITY SKYWALK #14

Route: WALN **Unit:** 0022 **Bridge Type** 121 / NNN **Date Built / Date Rehabbed:** 1972 /

Load Rating Percent 000 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Coated (2012); very few isolated small rust stains, and some sound patches (2012); several areas patched & painted 2020.	1	8
C9. Curbs/Sidewalks:	Epoxy overlayed walking surface (2012), with minor cracking developing at bottom @ interface of railings.	1	8
C11. Railing:	Metal railing on conc. parapet (new 2012). Railing opening between vertical members @ W approach exceeds limit; several HL vert. cracks in conc. parapet, some w efflor ; some metal portions of rail moveable by hand.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	8 inlets in walkway (1 on W appraoch), all appear to be functioning. Two roof drains.	1	9
C13. Expansion Joints:	Comp. seals; joints tight without leakage; ext. corrosion developing under jt. to SE stairs (not considered for rating).	1	8
N58. Deck Summary:		**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Post-tensioned RC beams; patched & coated in 2012; 8 rust stains over S fascia @ interface w railing & rust stains @ N fascia; rough patch and crack with rust staining at S beam at pier; widespread efflor. @ fascia's below railing; full height vert. crack w rust staining @ S façade {E pier} w map cracking & delams @ bottom of beam {same location}.	2	6
C16. Diaphragms/X-Frames:	W & E end diaphrams slightly cracked @ bottom, E end with delam over guard house.	1	7
N59. Superstructure Summary:	**Not redundant, not fatigue prone; some HL cracking @ bottom of 2 vertical columns.**	**Summary Rating:**	**6**
C37. Pier Caps:	Pier seats patched 2012; small rust stains @ E pier.	1	7
C38. Pier Columns:	Patched @ bases & painted in 2012; cracking, patched & painted 2020 at bases of main pier columns at upper walk level (at all downspouts); multiple vert. cracks @ base of upper level column @ SE; rust stain @ SW column base @ upper level.	1	7
N60. Substructure Summary:	**Upper level pier columns control rating.**	**Summary Rating:**	**7**
C6. Approaches Summary:	**SE APPROACH STAIRS: Coated 2012, new overlay. NW APPROACH STAIRS: Wide spacing of vert. spandrels @ NW stair appr. is 7" horizontally.**	**Summary Rating:**	

Bridge Inspection Report | *Routine Inspection*

SFN: 3162982

Walnut Street Government Place Pedestrian Overhead

Date Inspected: 11/03/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 A

Signature: _____

Bridge No.: CITY SKYWALK #14

C57. Utilities: Widespread freckled rust on drain pipes on underside of deck. 1 7

Utilities On Structure: U U U U U U U

65. Vertical Clearance: 17'-9"; 3 cameras hanging below bridge (lower clearance @ cameras). **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **6 A**

Inspection Notes: FRP channels installed in 2016 to protect bridge from street car catenary wires.

General Notes: Skywalk 041. Bridge consists of main span and two cantilevered sections; inform 5/3 Bank about cracking.

Recommended Maintenance:		Assigned to:
1.	Add baluster to railing @ NW to reduce opening (intersection with railing from stairs), exist. opening is > 7".	Owner
2.	Investigate source of corrosion staining at facias and mitigate.	Owner
3.	Investigate beam crack @ S over E pier.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3161560

Walnut Street Pedestrian Overhead South of Fifth Street **Date Inspected:** 05/19/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY SKYWALK #15

Route: WALNT **Unit:** 0014 **Bridge Type** 364 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1981 /

Load Rating Percent 000

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Enclosed, not visible, grating; FRP protective plate attached over street car catenary in 2016. Staining below grating, esp @ E.	1	8
C9. Curbs/Sidewalks:	Carpet.		
C11. Railing:	Skywalk completely enclosed; metal handrail; 2 completely fogged windows @ S; small dent/puncture over streetcar track @ N; caulk hanging from outside bottom of some windows @ N.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Roof drains; both appear to function properly; roof membrane visible in areas (possible wearing?); sign of inside water damage @ drywall @ SE.	1	8
C13. Expansion Joints:		1	8
N58. Deck Summary:	**Small dent in N fascia cladding @ streetcar; dirt splatter inside over 1 window @ S (4th from W).**	**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Enclosed, not visible.	1	7
C18. Floor Beams:	Enclosed, not visible.	1	7
C19. Truss Verticals:	2 rows of 15 interior columns; enclosed, not visible.		
C26. Bearing Devices:	Enclosed; not visible.		
N59. Superstructure Summary:	**Superstructure not visible, hence rating mostly assumed.**	**Summary Rating:**	**7**
C37. Pier Caps:	Enclosed, not visible, supported on buildings.	1	7
C38. Pier Columns:	Enclosed' not visible, assumed rating; minor impact damage on encasement @ NE.	1	7
N60. Substructure Summary:	**Substructure not visible.**	**Summary Rating:**	**7**

Bridge Inspection Report | *Routine Inspection*

SFN: 3161560

Walnut Street Pedestrian Overhead South of Fifth Street

Date Inspected: 05/19/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature:

Bridge No.: CITY SKYWALK #15

65. Vertical Clearance:

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status: **Structure mostly concealed, part. assumed rating.**

General Appraisal / Operational Status: **7 A**

General Notes: Skywalk 046

Recommended Maintenance:	Assigned to:
1. Repair fogged up windows.	Owner
2. Repair caulk outside of window esp @ N.	Owner

City (Other) Bridges

Bridge Inspection Report | *Safety Inspection*

SFN: 3199936

Approach Arches to Newport-Southgate Bridge - East Side

Date Inspected: 11/04/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 K

Signature: R. Reising

Bridge No.: CITY (OTHER) #01

Route: **Unit:** **Bridge Type** 055 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1900 / 1988

Load Rating Percent **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C9. Curbs/Sidewalks:	Conc. overlook const. (1988) for pedestrian use only; some vegetation growing in joints; isol. cracks and spalls where water can enter into arch (1 spall @ N near top of steps, 1 spall @ SW near handrail at top of steps from purple people bridge); isol areas of the concrete walk sound hollow.	1	7
C11. Railing:	Conc. railing for ped. overlook (1988); many vert. HL cracks, some full height crack @ NE full height (.06") & w slight horiz. offset; minor efflor; steel handrail apparently painted (2017?)	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	No inlets on structure; drain pipe from N planter installed @ N steps and repaired often.	1	8
N58. Deck Summary:	**Planters empty 2020 S planter leaking @ const. joint.**	**Summary Rating:**	**7**
C27. Arch:	Partially repaired (multiple times); some loc. Have been conc. Lined or faced with new brick (surface spalling & efflor on older bricks - esp. in middle arch); new conc. Lining in N arch has some minor cracks w efflor; several patched (2017?); widespread areas of hollow sounding brick detected, esp S wall of center arch & E half of S side of S arch, also areas w soft/moist bricks; evidence of recent repair work on arches 2020; W portion of N arch has large area of delaminated conc. +/- 25 sqft.	2	6
C29. Arch Spandrel Walls:	Entire E face was faced w 1 course of new brick (1988); steel soffit plates under brick cladding corr. W LOS due to arch seepage.	1	7
N59. Superstructure Summary:	**Redundant, not fatigue prone; recent 2020 extensive masonry repair but large areas of hollow sounding brick.**	**Summary Rating:**	**6**

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **6 K**

Inspection Notes: S conc. counterfort cracked with build up of efflor. & deter. w rust staining; N conc. cap has full length horiz. cracks w ext. efflor.;
2021: Bridge closed to traffic due to condition of the adjacent Purple people bridge pier.

General Notes: This inspection report is for the E side of the arches under the pedestrian overlook only. See Approach to Newport Southgate Bridge over Former Front Street inspection report for W side of arches. This report applies to a bridge that is neither supporting the public ROW nor crossing over the public ROW.

Bridge Inspection Report | *Safety Inspection*

SFN: 3199936

Approach Arches to Newport-Southgate Bridge - East Side

Date Inspected: 11/04/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 K

Signature: R. Reising

Bridge No.: CITY (OTHER) #01

Recommended Maintenance:		Assigned to:
1.	Repair broken conduit inside N arch bottom (exp wires).	Owner
2.	Repair cracks in wearing surface and seal the entire wearing surface.	Owner
3.	Consider water proofing planters on top of arches.	Owner
4.	Remove delaminated conc from W side of N arch.	Owner
5.	Investigate soundness of arches {hollow sounding brick}.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3191017

Boardwalk over Lick Run W of Quebec

Date Inspected: 07/21/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: R. Reising

Bridge No.: City (OTHER) #02

Route: **Unit:** **Bridge Type** 121 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 2020 /

Load Rating Percent **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Precast concrete panels: several trans full width HL crack @ bottom of many panels.	1	7
C9. Curbs/Sidewalks:	5th panel from N has slight uneven top surface; widespread chiping @ panel ends.		
C11. Railing:		1	9
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C12. Drainage:	Over the side & between panels.	1	9
C13. Expansion Joints:		1	9
N58. Deck Summary:	**Summary Rating:**		**7**
C14. Alignment of Members:		1	9
C15.1. Beams/Girders:	Many closely spaced flexure HL cracks (vertical) typical for all beams, but no efflor.	1	7
C30. Protective Coating System (PCS):	**System:** **Year:** 2021 **PCS Rating:** Several areas w wavy texture (railings only).		
N59. Superstructure Summary:	**Summary Rating:**		**7**
C34. Abutment Caps:	Stub; formwork left in place @ S.	1	9
C38. Pier Columns:		1	9
N60. Substructure Summary:	**Summary Rating:**		**9**
C51. Channel Alignment:		1	9
C52. Channel Protection:	Vegetated, filter fabric, & large stones.	1	9
C53. Hydraulic Opening:		1	9
N62. Channel Summary:	**Summary Rating:**		**9**

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):

Bridge Inspection Report | *Safety Inspection*

SFN: 3191017

Boardwalk over Lick Run W of Quebec

Date Inspected: 07/21/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature:

Bridge No.: City (OTHER) #02

65. Vertical Clearance:

Vert. Clearance Rating: N

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 7 A

General Notes: Structure belongs to MSD but is per MOU inspected by DOTE as savety inspection.
Structure inventoried in 2021, but not in ODOT Asset Wise since it does not carry highway traffic or cross highway.

Recommended Maintenance:	Assigned to:
1. Monitor condition of concrete panels and beams (cracking)	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3160726

Cliff Drive over Eden Park Drive South of St. Paul **Date Inspected:** 05/25/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY (OTHER) #02

Route: CLIFF **Unit:** 3711 **Bridge Type** 155 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1894 / 1978

Load Rating Percent 070

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Filled arches do not have a floor, see item C.27 arch.		
C7.2. Edge of Floor:	Minor transverse cracks at the fascias.	1	7
C8. Wearing Surface:	Trans & diag cracks; sealed (2019); several repair patches 2019, 2 breaking up.	1	7
C9. Curbs/Sidewalks:	Patched & sealed (2006); trans cracking; coating flaking; widespread staining.	1	7
C11. Railing:	Steel painted & concrete sealed (2006); isol HL map efflor. at the bottom of some conc pylons; lichen accumulating; ivy growing over E railing.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	0		
C12. Drainage:	No inlets on the bridge; inlets on all 4 corners of the approach.	1	8
N58. Deck Summary:	**Per ODOT filled arches should have "N" in deck summary.**	**Summary Rating:**	
C14. Alignment of Members:		1	8
C27. Arch:	Uneven build-up of gunite; efflorescence at the corners with stalactites forming at the NE; 1 delaminated area @ SE; actual arch not visible (covered by gunite).	1	7
C29. Arch Spandrel Walls:	Gunite coated; horiz & vert cracks with efflor; long. cracks at the interface with the arch and the railing; sealed (2006).	1	7
N59. Superstructure Summary:	**Mostly concealed by gunite.**	**Summary Rating:**	**7**
C33. Abutment Walls:	Stubs: Minor efflor at the E & W at corners; concealed by gunite.	1	7
C40. Wingwalls:	Gunite coated: cracks with efflor, some delams; stains under the NW weephole.	1	7
N60. Substructure Summary:	**Mostly concealed by gunite coating.**	**Summary Rating:**	**7**
C1. Pavement:	Resurfaced (2006); minor alligator cracking at the W; few trans cracks @ E.	1	7
C4. Embankment:	Steep; overgrown; possible movement of the wall below the bridge (not considered for this report).	2	6
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	N		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	N		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	N		
C6. Approaches Summary:	**New handrail @ SE is very loose.**	**Summary Rating:**	**6**

Bridge Inspection Report | *Routine Inspection*

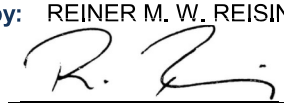
SFN: 3160726

Cliff Drive over Eden Park Drive South of St. Paul

Date Inspected: 05/25/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: 

Bridge No.: CITY (OTHER) #02

C55. Warning Signs:	"No Trucks" sign posted where the one-way begins (not bridge related).	1	8

N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**7 A**

Recommended Maintenance:	**Assigned to:**
1. Remove Ivy from bridge rail & fascia.	Parks
2. Fasten approach hand rail @ SE.	Parks

Bridge Inspection Report | *Routine Inspection*

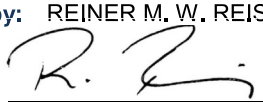
SFN: 3161943

Duck Creek Road Culvert over Yononte Creek

Date Inspected: 04/16/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 A

Signature: 

Bridge No.: CITY (OTHER) #03

Route: DUCKC **Unit:** 0

Bridge Type 195 / NNN (Main/Approach Spans)

Date Built / Date Rehabbed: 2010 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N): N			
C44. Culvert - General:	Graffiti on the interior of the culvert; several sections with HL cracking on the inside, either originating from the lift holes with almost horiz. cracks between liftholes, or a vertical crack in the center of the segments, or widespread long. HL cracks at rebars standoffs (not as pronounced on the inside); several patched spalls at the bottom & center top (from flood damage when segments were shifted); Large patch under roadway from earlier repair (Prus). Top of culvert has widespread moss/lichen, honeycombing and long cracking developing at rebar standoffs with pronounced conc. det. at some standoffs; excessive efflor. in tie holes.	1	7
C45. Culvert - Alignment:	Segments that were shifted during the 2016 flood have been reset and anchored to the channel bottom using 4 angles per segment; the alignment of the panels after the repair is very good with only minimal offsets between adjacent panels.	1	8
C47. Culvert - Seams:	Exposed top seams are only caulked and may become a maintenance item, or an issue during a flood when ther culvert is under pressure; water leaking through 3rd seam from S; one seam is open (3rd from N) with light shining through and hence potential for exfiltration; backer rod haning down from one seam inside of culvert; water entering from bottom of vert. seams in S portion of culvert.	2	6
C48. Culvert - Head/End Walls:	Rust staining @ S headwall, at both sides up to 2 ft up from corner; widespread graffiti.	1	8
C49. Culvert - Scour:		1	9
Culvert Scour Inspection Type:			
C50. Culvert - Abutments:		1	8
N60. Culvert Summary:	**Summary Rating:**		**6**
C51. Channel Alignment:		1	9
C52. Channel Protection:		1	9
C53. Hydraulic Opening:	Slightly restriced by vegetation US.	1	8
N62. Channel Summary:	**Summary Rating:**		**8**

Bridge Inspection Report | *Routine Inspection*

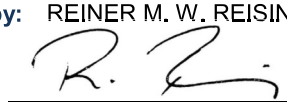
SFN: 3161943

Duck Creek Road Culvert over Yononte Creek

Date Inspected: 04/16/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 A

Signature: 

Bridge No.: CITY (OTHER) #03

C1. Pavement:	Crack in 1 lane of conc., and few cracks in E asphalt.	1	7
C5. Guardrail:	Widespread sev. guardrail post (Wood) det. > 50% LOS).	3	3

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): 0

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **Summary Rating:** **3**

C57. Utilities:	Storm pipes through the Conspan @ 2 locations.	1	8

Utilities On Structure: N N N N N N N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **6 A**

General Notes: Most culvert segments without fill above were moved by a 2016 storm. This caused spalling mainly to the edges of segments, with significant shifting of sgments and infiltration. This was repaired by the Army Corps of Engineers (and Messer) and was completed in March 2018.

Recommended Maintenance:	**Assigned to:**
1. Consider sealing the exposed top, especially the cracks and honeycombing.	Owner
2. Seal joints in a more efficient way than caulk, so the exfiltration will not be possible.	Owner

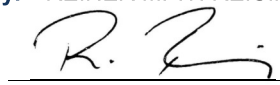
Bridge Inspection Report | *Routine Inspection*

SFN: 3162230

Fifth Street Grates for Fountain Square Garage (West)

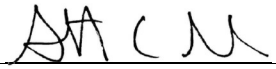
Date Inspected: 5/7/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status:** 6 A

Signature: 

Bridge No.: CITY (OTHER) #04

QA/QC Inspector: STEPHEN C. GRESSEL, P.E.

Signature: 

Route: FIFTH **Unit:** **Bridge Type:** 321 / (Main/Approach Spans) **Date Built / Date Rehabbed:** 1967 / 2015

Load Rating Percent: 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Open steel grate; grating installed (11-15-2015); Individual (adjacent) grating panels were tack welded together, multiple of these welds (N half) are breaking with the potential of extending into the basemetal of the main bars; material broken out of these welds; welds repaired early 2018 but broken again; clanking of N most panel (lifting up @ N); weld breaks @ cross bars over center beam, some bars breaking indicating unintended long. Support.	1	7
C8. Wearing Surface:	Open steel grate; see Item C7.1 - Floor.	1	7

N36. National Safety Feature - Bridge Railing (0, 1 or N): N

N58. Deck Summary: **Summary Rating:** **7**

C15.1. Beams/Girders:	All new beams and floorbeams (11-15-2015) made from galvanized steel; debris accumulating over beams, may cause moisture retention, untimely corrosion and is also concealing TF's.	1	8
C17. Stringers:	See Item #C15.1 - Beams/Girders.	1	8
C18. Floor Beams:	See Item #C15.1 - Beams/Girders.	1	8

C30. Protective Coating System (PCS): **System:** **Year:** 2015 **PCS Rating:** 9

Rating is for only condition of galvanizing of new support beams.

N59. Superstructure Summary: **Not redundant, not fatigue prone; mostly concealed by grating and accumulated debris.** **Summary Rating:** **8**

C33. Abutment Walls:	Mostly concealed; cracks w seepage & spalling; minor concrete deter.; some formwork left in place; covered by dirt & debris; cracks w rust staining @ bottom of E & W walls; cracks - opening @ bottom edge with spalling & rust staining (limited to bot. 6" of E & W walls).	2	6

N60. Substructure Summary: **Partially assumed rating.** **Summary Rating:** **6**

C1. Pavement:	Cracks propagating from conc. corners; separating from conc. abutment - esp. @ E.	1	7

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

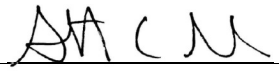
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

Bridge Inspection Report | *Routine Inspection*

SFN: 3162230

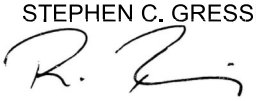
Fifth Street Grates for Fountain Square Garage (West) **Date Inspected:** 5/7/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status:** 6 A

Signature: 

Bridge No.: CITY (OTHER) #04

QA/QC Inspector: STEPHEN C. GRESSEL, P.E.

Signature: 

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **Summary Rating:** 7

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** 6 A

Inspection Notes: Clanking of grates (2021) esp @ NW.

General Notes: New gratings and support beams installed on 11-16-2015.

Recommended Maintenance:		Assigned to:
1.	Monitor welds between adjacent panels, and repair main bars (at weld locations) as necessary.	Owner
2.	Regularly clean/vac out debris accumalating in bar gratings over beams & stringers.	Owner
3.	Address grate support that causes clanking @ N & long. support @ center.	Owner
4.	Repair transverse bars over center beam.	Owner
5.	Clean and seal cracks/openings in asphalt pavement.	TROD

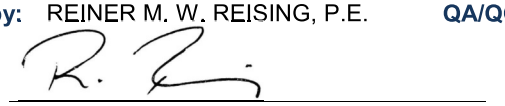
Bridge Inspection Report | *Routine Inspection*

SFN: 3162281

Fifth Street Grates for Fountain Square Garage (East)

Date Inspected: 5/7/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status:** 5 A

Signature: 

Bridge No.: CITY (OTHER) #05

QA/QC Inspector: STEPHEN C. GRESSEL, P.E.

Signature: 

Route: FIFTH **Unit:** **Bridge Type:** 321 / (Main/Approach Spans) **Date Built / Date Rehabbed:** 1967 / 2015

Load Rating Percent: 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Open steel grate; grating installed (11-15-2015); many transverse bar segments broken & missing in SW most panel (S most panel unintentionally supported over S wall); several other welds in this panel cracked (precurser to bars breaking); individual gratings tack-welded together (at least 1 weld broken w potential to extend into base metal); trans. bars added in 2 S most panels over FB's, not welded to all long. bars in panel; cracking of trans. bars reoccuring after previous 2018 repairs; clanking due to panel lifting up @ SE & NW corners.	2	6
C8. Wearing Surface:	Open steel grate; see Item 1 - FLOOR; some extra galvanizing on a single E grate panel.	1	7

N36. National Safety Feature - Bridge Railing (0, 1 or N): N

N58. Deck Summary: **Summary Rating: 6**

C15.1. Beams/Girders:	All new beams and floorbeams (11-15-2015) made from galvanized steel; top concealed by accumulated debris.	1	8
C17. Stringers:	See Item #C15.1 - Beams/Girders.	1	9
C18. Floor Beams:	See Item #C15.1 - Beams/Girders.	1	9

C30. Protective Coating System (PCS): **System:** **Year:** 2015 **PCS Rating:** 9

Rating is for only condition of galvanizing of new support beams (assumed rating - concealed by debris).

N59. Superstructure Summary: **Not redundant, not fatigue prone.** **Summary Rating: 8**

C33. Abutment Walls:	Mostly concealed; cracks w seepage & spalling; minor concrete deter.; some formwork left in place; covered by dirt & debris; S angle (not intended for support) broken into pieces, corroding & moving @ SW w corner pushing away from abutment wall into opening, 3 main bars not supported @ SW corner; large spall w several exp bars @ center of E abutment; full width cracking @ pavement level - partially sealed.	2	5

N60. Substructure Summary: **Partially assumed rating.** **Summary Rating: 5**

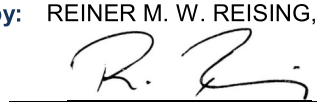
Bridge Inspection Report | *Routine Inspection*

SFN: 3162281

Fifth Street Grates for Fountain Square Garage (East)

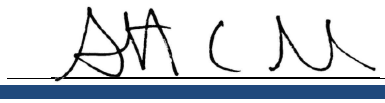
Date Inspected: 5/7/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status:** 5 A

Signature: 

Bridge No.: CITY (OTHER) #05

QA/QC Inspector: STEPHEN C. GRESSEL, P.E.

Signature: 

C1. Pavement: 1 8

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **Summary Rating:** **8**

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **5 A**

Inspection Notes: Grating repairs performed in 2018, however, the underlying cause of the issue (unintended support of the panels at S) was not adressed and cracks in the transverse bars are reoccuring; vent shaft floor filled w water during 2021 inspection.

General Notes: New gratings and support beams installed 11-16-2015.

Recommended Maintenance:		Assigned to:
1.	Repair S panel support to eliminate stress on transverse bars.	Owner
2.	Monitor condition of gratings (esp. at S edge).	Owner
3.	Clean/vacuum out debris collecting in grates over beams.	Owner
4.	Monitor tack welds between adjacent grating panels & repair gratings as necessary.	Owner
5.	Repair broken transverse bars and cracked welds after S support modification was completed.	Owner
6.	Clean out accumulated water in bottom and prevent future ponding.	Owner
7.	Repair support for graing at SW corner.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3162354

Fifth Street Grates for Fountain Square Garage (South) **Date Inspected:** 5/7/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status:** 6 A

Signature: R. Reising

Bridge No.: CITY (OTHER) #06

QA/QC Inspector: STEPHEN C. GRESSEL, P.E.

Signature: SCG

Route: **Unit:** **Bridge Type:** 303 / (Main/Approach Spans) **Date Built / Date Rehabbed:** 1978 /

Load Rating Percent: 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Open steel grate; several welds between main bars & frames @ abutments cracking, so far no cracks in base metal.	1	8
C8. Wearing Surface:	Open steel grate; see Item C7.1 - Floor/Slab.	1	8

N36. National Safety Feature - Bridge Railing (0, 1 or N): N

N58. Deck Summary: **Center panel over "pier" replaced in 2021.** **Summary Rating:** **8**

C33. Abutment Walls:	Mostly concealed; cracks w seepage & spalling; minor concrete deter.	2	6

C36. Pier Walls: Pier (not designed for support) modified in 2021 so grate no longer bears on it.

N60. Substructure Summary: **Partially assumed rating.** **Summary Rating:** **6**

C1. Pavement:	Cracks propagating from corners of the concrete abutment; separating from concrete abutment @ N.	1	8

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **Summary Rating:** **8**

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **6 A**

Inspection Notes: Inside of vent room not inspected in 2021.

General Notes: (Formerly part of 3199938)
Grating extends into marked crosswalk.
ODOT has determined that element level inspection is no longer necessary since the bridge extends under 1 lane only of the NHS route.

Bridge Inspection Report | *Routine Inspection*

SFN: 3162354

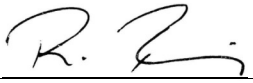
Fifth Street Grates for Fountain Square Garage (South)

Date Inspected: 5/7/2021

Inspected by: REINER M. W. REISING, P.E.

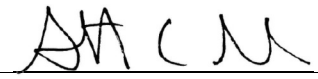
QA/QC Inspection? ☑

Summary Rating / Operational Status: 6 A

Signature: 

Bridge No.: CITY (OTHER) #06

QA/QC Inspector: STEPHEN C. GRESSEL, P.E.

Signature: 

Recommended Maintenance:	Assigned to:
1. Clean/vacuum out debris collecting in grates over beams on a regular basis.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3160521

Flood Wall over Carr Street **Date Inspected:** 07/14/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: _____ **Bridge No.:** CITY (OTHER) #08

Route: CARRS **Unit:** 2911 **Bridge Type** 171 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1948 /

Load Rating Percent 000 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Minor pop-outs; scaled; spot rust on steel angles; indicating possible rust behind steel angles; minor cracks @ doorway (less than 10 ft).	1	8
N59. Superstructure Summary:	**Not redundant; not fatigue prone.** **Summary Rating:**		**8**
C33. Abutment Walls:	Minor cracking; scaling; delamination @ SW; former cracking @ wall top, caulked.	1	8
N60. Substructure Summary:	**Abutment comments refer to entire floodwall beyond actua abutment; rating reflects condition below bridge.** **Summary Rating:**		**8**
C55. Warning Signs:	VC marked 16'-6" on overhead beam (fading of background); measured 16"-6".	2	6
65. Vertical Clearance:	**Vert. Clearance Rating:**		1
N59. General Appraisal and Oper. Status:	**General Appraisal / Operational Status:**		**8 A**

Inspection Notes: Rust stains from barb wire barrier @ center of bridge. Roadway Plate #5 is bent. Concrete wearing surface breaking up around recess boxes; curb spalled @ both sides w deter. of metal curb cover plate & exp rebar; minor widespread scrapes @ driveway @ E; welds @ plate connections of top retainer have several areas of corr. & possible pack rust.

Recommended Maintenance:	**Assigned to:**
1. Repair concrete wearing surface around steel inserts (recess boxes).	Stormwater

Bridge Inspection Report | *Safety Inspection*

SFN: 3160475

Flood Wall over Harriet Street

Date Inspected: 07/14/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: R. Reising

Bridge No.: CITY (OTHER) #09

Route: HARRI **Unit:** 2912 **Bridge Type** 171 / NNN (Main/Approach Spans) **Date Built / Date Rehabbed:** 1948 /

Load Rating Percent 000 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Minor pop-outs; former cracks at top of beam caulked; small delam @ bottom.	1	8
N59. Superstructure Summary:	**Not redundant, not fatigue prone; general surface scaling.**	**Summary Rating:**	**8**
C33. Abutment Walls:	Larger diag. cracks w efflor. (possible ASR), roughly patched; no delams detected by sounding, epoxy injected; cracks @ both piers sealed.	1	7
N60. Substructure Summary:		**Summary Rating:**	**7**
C55. Warning Signs:	VC marked 15'-11" on overhead beam.	1	9
65. Vertical Clearance:		**Vert. Clearance Rating:**	1
N59. General Appraisal and Oper. Status:	**Area below/behind floodwall is moist & muddy in 2021.**	**General Appraisal / Operational Status:**	**7 A**

Inspection Notes: Floodgate closed in 2021; spot rust on steel angles; apparent pack rust behind angles.

Bridge Inspection Report | *Routine Inspection*

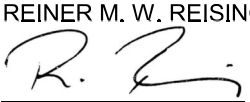
SFN: 3160424

Flood Wall over Mehring Way

Date Inspected: 07/14/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: 

Bridge No.: CITY (OTHER) #10

Route: MEHRG **Unit:** 0024 **Bridge Type** 171 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1948 /

Load Rating Percent 000

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Pop-outs (2 deeper ones @ W); spot rust on steel angles; several minor spalls along bottom @ steel angles; some delam. Areas @ bottom; exp. Rebar @ 1 loc.	1	7
N59. Superstructure Summary:	**Not redundant, not fatigue prone.**	**Summary Rating:**	**7**
C33. Abutment Walls:	Minor cracks in both piers; minor spall on N pier w exp. rebar; horiz. HL cracking @ N.	1	8
N60. Substructure Summary:		**Summary Rating:**	**8**
C55. Warning Signs:	VC marked 16'-1" on overhead beam on E side only; very faded, paint flaking, barely ledgible; stormwater trapped in roadway recess notch @ N; welds @ plate connections of top retainer have several areas of corr. & possible pack rust; curb spalled @ N & S.	4	2
65. Vertical Clearance:		**Vert. Clearance Rating:**	1
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**7 A**

Inspection Notes: Small delam at top of sidewalk door (less than 10' span).
Stormwater trapped in roadway recess notch @ N.

Recommended Maintenance:	**Assigned to:**
1. Repaint vertical clearance, add clearance to W fascia.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3161447

Martin Drive over Old Water Works Coal Room

Date Inspected: 08/05/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 P

Signature: R. Reising

Bridge No.: CITY (OTHER) #11

Route: MARTN **Unit:** 3714 1

Bridge Type 112 / NNN (Main/Approach Spans)

Date Built / Date Rehabbed: 1875 / 1940

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Reinforced slab w 3 paved over manholes; cracks w little efflor parallel to beams; floor saw-cut East-West over 4 bays, leaking water, rust staining; small shallow spots w exp. rebar +/- 6" (low conc. cover); more exp. bars in portion under bldg, not part of this report.	2	6
C8. Wearing Surface:	Wide long. cracks and map cracking; some moderate trans. cracks; some cracks previously sealed; potholes forming from the wide long. crack.	2	6
C9. Curbs/Sidewalks:		1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C12. Drainage:	Off street; no issues other than leakage/condensation (see slab/abutment walls)	1	7
N58. Deck Summary:	**Summary Rating:**		**6**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Few delaminations, cracks, and spalls at the beam ends (some exposed reinforcing); previous beam end patches (bottom near bearing) deteriorating.	2	6
N59. Superstructure Summary:	**Summary Rating:**		**6**
C33. Abutment Walls:	Cut stone; leakage in E wall @ few locations w mineral build up @ midheight (continued leaking through wall), @ N half of bridge; foam @ abutment seat of 1 beam; widespread staining @ W wall esp @ top level of stones.	1	7
C37. Pier Caps:		1	8
C38. Pier Columns:	Corner spalls at the base with 1 exposed rebar; honeycombing (typ).	1	7
N60. Substructure Summary:	**Summary Rating:**		**7**
C1. Pavement:	Wide long. and trans. unsealed cracks w intial rutting; patch w slight settlement E of structure.	2	6
C4. Embankment:		1	8
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	N		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	N		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	N		
C6. Approaches Summary:	**Summary Rating:**		**6**

Bridge Inspection Report | *Routine Inspection*

SFN: 3161447

Martin Drive over Old Water Works Coal Room

Date Inspected: 08/05/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 P

Signature: R. Reising

Bridge No.: CITY (OTHER) #11

C56. Sign Supports: Load posting signs installed 2019.	1	9
65. Vertical Clearance:	**Vert. Clearance Rating:**	N
N59. General Appraisal and Oper. Status:	**General Appraisal / Operational Status:**	**6 P**

Recommended Maintenance:	**Assigned to:**
1. Consider filling coal room.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3190104

Pedestrian Truss over Lick Run

Date Inspected: 07/20/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 9 A

Signature: R. Reising

Bridge No.: City (OTHER) #12

Route: **Unit:** **Bridge Type** 34A / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 2020 /

Load Rating Percent **Safety Inspection ?** ☑

Inspection Information	Rating 1 to 4	Rating 9 to 0
C7.1. Floor: Stay in place forms; 4 area's cut out and plated over @ 3rd FB from N&S(E&W); signs of initial leakage @ fascia angles.	1	9
C8. Wearing Surface: No cracking; very minor seperation from conc to steel fascia angle.	1	9
C11. Railing: Metal railing (pony truss).	1	9
N36. National Safety Feature - Bridge Railing (0, 1 or N): 1		
C12. Drainage: Off the bridge; extended steel plates welded to W fascia to protect FB's from runoff.	1	9
C13. Expansion Joints: Covered w galvanized plates.	1	9
N58. Deck Summary: **Summary Rating:** **9**		
C14. Alignment of Members: As designed.	1	9
C18. Floor Beams: N side of the truss has added vertical plates above the floorbeams to prevent dripping from deck onto the FBs.	1	9
C19. Truss Verticals:	1	9
C20. Truss Diagonals:	1	9
C21. Upper Chord:	1	9
C22. Lower Chord:	1	9
C24. Lateral Bracing:	1	9
2020		
N59. Superstructure Summary: **Summary Rating:** **9**		
C33. Abutment Walls: Stub abutment.	1	9
C39. Backwalls: HL crack @ N&S center.	1	9
N60. Substructure Summary: **Summary Rating:** **9**		
C51. Channel Alignment:	1	9
C52. Channel Protection: Rocks; filter fabric; vegetated.	1	9
C53. Hydraulic Opening:	1	9
N62. Channel Summary: **Summary Rating:** **9**		

Bridge Inspection Report | *Safety Inspection*

SFN: 3190104

Pedestrian Truss over Lick Run

Date Inspected: 07/20/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 9 A

Signature:

Bridge No.: City (OTHER) #12

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **Bridge belongs to MSD, but DOTE performs annual safety inspections.**

General Appraisal / Operational Status: **9 A**

General Notes: Bridge not inventoried in ODOT Asset Wise since no highway bridge and not crossing over highway or ROW.

Recommended Maintenance:	Assigned to:
1. Seal joint between conc. wearing surface & fascia steel angles along both fascia's.	Owner

Bridge Inspection Report | *Routine Inspection*

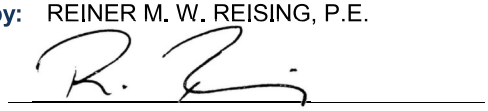
SFN: 3164780

Reinhold Drive Culvert for Amberley Creek

Date Inspected: 09/09/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: 

Bridge No.: CITY (OTHER) #13

Route: REINH **Unit:** 0001 **Bridge Type** 395 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1952 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C44. Culvert - General:	Corrugated arch on a concrete pedestal (abutment 5' wide and 6' deep); isol. minor corr. @ bottom +/- 6" of metal arch w some minor LOS; this rating is only for the portion underneath the roadway; sev. Corr. Holes and areas of reverse bottom curvature floor in the US portion of the privately owned culvert, (not part of this rating).	1	7
C45. Culvert - Alignment:	The portion under the roadway is in very good condition; for the remainder of the culvert, the alignment is worse; there is a continual drop between segments of the corrugated metal sections.	1	8
C46. Culvert - Shape:	Very minor flattening for the portion under the roadway. The remainder of the culvert should be rated much lower. There are several locations of reverse curvature throughout the culvert bottom (+/- 2' tall) & 1 area of slight reverse curvature (1.5" to 2") @ top (jnt cusping).	1	7
C47. Culvert - Seams:	The seams for the portion under the roadway are in good condition w white staining @ top seams. For the remainder of the culvert (not considered for rating), the seams are rated worse (where reverse curvature). There are cusped seams and possible backfill infiltration through corrosion holes (around normal water elevation).	1	8
C49. Culvert - Scour:	The area below the roadway has new (2021) grout fill to +/- 5" below top of conc.; new water level inside culvert @ low flow is +/- 4". No scour in the public portion. (much worse in private portion where bottom of culvert is perforated).	1	9
Culvert Scour Inspection Type:	1		
C50. Culvert - Abutments:	The abutments are located only underneath the roadway portion (mostly not visible, assumed rating).	1	8
N60. Culvert Summary:	**New 2021 grout fill inside culvert floor.**	**Summary Rating:**	**7**
C51. Channel Alignment:		1	9
C52. Channel Protection	Natural stream bed w some areas of dump rock protection.	1	8
C53. Hydraulic Opening:		1	9
N62. Channel Summary:	**No channel protection at the bottom of the culvert, only sides; smaller flow debris stuck @ intermediate jnts. indicating higher flow volumes during rain events.**	**Summary Rating:**	**8**

Bridge Inspection Report | *Routine Inspection*

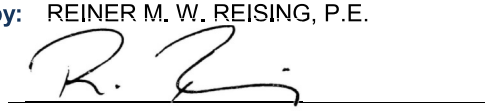
SFN: 3164780

Reinhold Drive Culvert for Amberley Creek

Date Inspected: 09/09/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: 

Bridge No.: CITY (OTHER) #13

C1. Pavement:	New wearing surface (2016); isol. cracking, unrelated to culvert.	1	8
C4. Embankment:	Very steep; overgrown; lots of illegal dumping.	1	8

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **Summary Rating:** **8**

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 A**

General Notes: This report only applies to the public portion under the roadway, not the private corrugated steel culvert upstream.
Grout fill @ floor of culvert in 2021.

Bridge Inspection Report | *Routine Inspection*

SFN: 3160149

Steamboat Monument over Broadway **Date Inspected:** 10/27/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** CITY (OTHER) #14

Route: BRODW **Unit:** 3342 **Bridge Type** 321 / NNN **Date Built / Date Rehabbed:** 1969 /

Load Rating Percent 000 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Minor cracking w very little efflor. in former RR bridge spans.	1	8
C7.2. Edge of Floor:	Widespread deeper spalling @ N joint/fascia w effl. & some rust staining; S cold joint bet. deck and concrete beam (inside) shows efflor; apparent (former?) leakage & stalactites @ NE.	2	6
C9. Curbs/Sidewalks:	Reflective settlement in pavers @ joints; sev ALS @ joint to state bridge in conc walk (not considered for rating); areas of deep scaling in conc portions of walk.	1	7
C11. Railing:	Painted and repaired 2019; some areas of old paint overpainted	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Some debris in floor drain.	1	8
C13. Expansion Joints:	All covered by pavers; slight paver settlement/shifting @ some joints; moisture noticable below after extended rain.		
N58. Deck Summary:		**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Steel beams: minor rust @ beam end (TF only); slight rolling (irregular surface on 2 beams). Concrete beams: spalling w minor efflor. @ conc. beam/wall junct. @ E & SE fascia (expansion end); minor honeycombing.	1	8
C16. Diaphragms/X-Frames:	(steel span only)	1	8
C26. Bearing Devices:	(Steel span only): Some nuts not tight @ both abut; NE bearing rusting.	1	8
C30. Protective Coating System (PCS):	**System:** OZEU **Year:** 2005	**PCS Rating:**	8
N59. Superstructure Summary:	**Not fatigue prone; redundant.**	**Summary Rating:**	**8**
C33. Abutment Walls:	Cracking w efflor & corner spall @ NW; 3 spalls w exposed rebar @ SE end of former RR abutment; slight rust staining from exp. rebar.; widespread staining from flood.	1	7
C37. Pier Caps:		1	9
C38. Pier Columns:	Very minor scrapes.	1	8
C39. Backwalls:	Only at former RR bridge portion: mostly concealed staining.	1	8
C40. Wingwalls:	(E center of bridge only and SE under cantilevered portion only): cracks with slight efflor.	1	8
N60. Substructure Summary:		**Summary Rating:**	**7**

Bridge Inspection Report | *Routine Inspection*

SFN: 3160149

Steamboat Monument over Broadway

Date Inspected: 10/27/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature:

Bridge No.: CITY (OTHER) #14

C57. Utilities: Minor impact damage from flow debris; several pull boxes open; light fixture w out cover; pipe wrapping damaged. 2 6

Utilities On Structure: Y N N N N N N

65. Vertical Clearance:

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 7 A

Inspection Notes: Steamboat monument sound system repaired 2021.

Recommended Maintenance:	Assigned to:
1. Patch bottom of NW decorative column (on top).	Owner
2. Resecure loose pavers on top of bridge.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3161390

Summit Road Culvert for Amberly Creek

Date Inspected: 12/02/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: R. Reising

Bridge No.: CITY (OTHER) #15

Route: SUMIT **Unit:** 4012 **Bridge Type** 395 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1958 / 1977

Load Rating Percent 100

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N): N			
C44. Culvert - General:	Pipe arch culverts: accum. of sediment in the E culvert; galvanized coating appears to be slightly compromised @ area in vicinity of 1 interior bend; rust is visible and concentrated at the top 60 degrees w accumalation of white substance. W culvert {only portions without bottom and concrete abutments considered for this report} no corr. Except above pipe inlets.	1	7
C45. Culvert - Alignment:	The W pipe is discontinous at the joints (apparently original const.); masonry and steel plates used at the joints; culverts bend to accommodate the channel.	1	8
C46. Culvert - Shape:	Smooth shape in inspection range; W culvert private portion worse.(not considered for rating); with reverse curvature @ bottom @ 2 locations & bulging @ few wall locations of W culvert (not part of this inspection); bottom of E culvert mostly concealed by accumulated sand/silt, hence partially assumed rating.	1	8
C47. Culvert - Seams:	Very isol. corr. exists at some bolts w buildup of efflor.	1	8
C48. Culvert - Head/End Walls:	The headwall is not completely enclosing the pipe; there is minor conc. det.; no headwall @ DS end of E culvert; steele sheet piling leaning/bowing at the headwall between E & W spans; corr. holes in the sheet piling.	1	7
C49. Culvert - Scour:	18" ft of scour at the S entrance of the E span (between the E & W spans); undermining at the inlet of the W span with water running between the bottom of the culvert and conc. headwall (this portion of the W span is outside inspection limits, actual inspected portion has no metal bottom). W culvert has one deeper area within the inspection limits at the NW where a pipe enters the culvert.	1	7
Culvert Scour Inspection Type: 2			
C50. Culvert - Abutments:	W span only, only in portion under street.	1	8
N60. Culvert Summary:	**Inspection limits: all of E pipe & the W pipe portion under Summit rd {where culvert on conc abutment}, remainder of W culvert is private and not under ROW.**	**Summary Rating:**	**7**
C51. Channel Alignment:	Bend at the North DS; vegetation at the entrance of both spans; normal flow through the W span only.	2	6
C52. Channel Protection:	Sheet piling US @ SE leaning toward channel slumping of embankments US. (For this rating it is assumed that this sheet piling is acting as part of headwall and critical for culvert)	2	5
C53. Hydraulic Opening:	Overgrowth in channel US & DS; US has accum. Of branches/light flow debris in channel.	2	6
N62. Channel Summary:		**Summary Rating:**	**5**

Bridge Inspection Report | *Routine Inspection*

SFN: 3161390

Summit Road Culvert for Amberly Creek

Date Inspected: 12/02/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: R. Reising

Bridge No.: CITY (OTHER) #15

C1. Pavement: Few transverse HL cracks (only pavement at Summit Rd is inspected); very smooth riding surface. 1 8

C5. Guardrail: Only located at the inlet; it is covered by trash & vegetation; located way off the road along the parking lot of James Hunt Construction.

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): 0

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): 0

C6. Approaches Summary: **Summary Rating: 8**

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status: 7 A**

Inspection Notes: Company near DS end of culvert apparently piling up tree trunks & high mulch piles possibly over culvert.
Debris built-up in E culvert does not allow monitoring of the shape at bottom of culvert.
2020 inspection with Employee savety.
Silt accumalation in E pipe very smooth during 2021 inspection {graded by stormwater?}.

Recommended Maintenance:	Assigned to:
1. Grout around US end of W culvert to prevent scour.	Owner
2. Consider replacement of the corroding Steel sheet piping at the US end of culvert between the two pipes.	Owner

Railroad Bridges

Bridge Inspection Report | *Routine Inspection*

SFN: 3160084

Baymiller Street Chessie Overhead South of Linn Street **Date Inspected:** 05/13/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 N

Signature: R. Reising **Bridge No.:** RAILROAD #01

Route: BAYML **Unit:** 3322 **Bridge Type** 364 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1900 /

Load Rating Percent 0

Inspection Information

	Rating 1 to 4	Rating 9 to 0
C7.1. Floor: Open ties (1992); metal grate walkway bet. 2 tracks (1993); some sections slightly deformed; new tracks installed 2020; debris from track modification under bridge and on grates.		
N36. National Safety Feature - Bridge Railing (0, 1 or N): N		
N58. Deck Summary: **No deck summary since this is an open tie bridge.** **Summary Rating:**		
C14. Alignment of Members:	1	8
C15.1. Beams/Girders: Very minor Initial LOS @ BF's; minor impact damage on BF(scrapes); very minor pack rust bet. CP.	1	7
C17. Stringers: LOS on BF's @ some connection; seat angles bent (supplemental support); new top cover plates added w rehab(?).	2	6
C18. Floor Beams: Very minor initial LOS @ TF & BF's; some bent stiffeners.	1	7
C24. Lateral Bracing: LOS - severe @ center gusset plates (knive edging); pack rust between angles & some bolts missing; center bottom brace vibrating under traffic.	2	6
C25. Sway Bracing: Partially concealed.	1	7
C26. Bearing Devices: At W only.	1	7
C30. Protective Coating System (PCS): **System:** **Year:** 1982 **PCS Rating:** 5		
Rust on gussets. Isol members apparently repainted more recently.		
N59. Superstructure Summary: **Not fatigue prone, not redundant; apparent LOS on top of BF's, not quantifiable from below; isol corr cells on steel members.** **Summary Rating:** **6**		
C38. Pier Columns: Minor impact damage @ bracing; lacing members have severe LOS @ NE; LOS @ anchor bolts; anchor bolts not tight @ W & SE; graffiti; LOS @ beam/pier column connection; pier column #86 attached to foundation by means of 4 anchor bolts, 2 bolts are lifted & all have considerable LOS.	2	6
N60. Substructure Summary: **Anchor bolt deterioration worse on adjacent piers.** **Summary Rating:** **6**		

Bridge Inspection Report | *Routine Inspection*

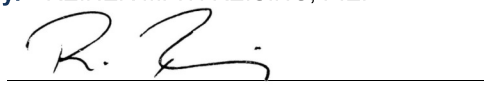
SFN: 3160084

Baymiller Street Chessie Overhead South of Linn Street

Date Inspected: 05/13/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 N

Signature: 

Bridge No.: RAILROAD #01

65. Vertical Clearance: Needs signage if street below is re-opened; measured 13'6" on 8-29-19

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: **6 N**

Inspection Notes: Road below is closed, but apparently used by trucks from either CSX or the property owner to the South.
Did not attempt to access top of bridge.
2020 new track installed on bridge.

General Notes: Span 85 of RR bridge.

Recommended Maintenance:		Assigned to:
1.	Consider repairs to bracing, and repainting the structural steel.	Owner
2.	Clean area below bridge from railroad debris.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3160092

Baymiller Street C.U.T. Overhead North of 3rd (C.U.T. SE Connection) **Date Inspected:** 05/13/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 3 N

Signature: R. Reising

Bridge No.: RAILROAD #02

Route: BAYML **Unit:** 3321 **Bridge Type** 363 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1900 /

Load Rating Percent 0

Inspection Information

	Rating 1 to 4	Rating 9 to 0
C7.1. Floor: Open ties.	1	7
C9. Curbs/Sidewalks: Grating on S side (repaired 2010?)		
C11. Railing: 2 steel ropes @ S.		
N36. National Safety Feature - Bridge Railing (0, 1 or N): N		
N58. Deck Summary: **No deck summary since this is an open tie bridge.** **Summary Rating:**		
C14. Alignment of Members:	1	8
C15.1. Beams/Girders: Dirt collected on flanges; rust; minor initial LOS; minor pack rust forming bet. C/P; BF rivet heads det.	2	6
C16. Diaphragms/X-Frames: LOS @ gussets.	2	6
C24. Lateral Bracing: (only @ top) Initial LOS - especially @ gussets.	2	6
C26. Bearing Devices: (@ E only); pitting.	1	7
C30. Protective Coating System (PCS): **System:** **Year:** 1982 **PCS Rating:** 4 Former LOS arrested by painting.		
N59. Superstructure Summary: **Partially assumed rating since top not accessed.** **Summary Rating:** **6**		
C37. Pier Caps: Cracked through (pier seat plate) @ pier #71 just W of main span (not part of the inspection limits, hence not counted for condition rating).	2	6
C38. Pier Columns: E pier pinned @ base; lat. bracing @ W severely impacted; anchor bolts loose & deter. w sev. LOS @ SW; 4 bolts lifted; stitch welds cracked @ S pier column bases; pitting @ bases; SW pier column, including base plate pumping under load; condition of SW pier governs the rating; graffiti.	3	4
N60. Substructure Summary: **Prior ratings are controlled by the pier cap condition to the west, which was changed since the 2021 rating where only the span over Baymiller was considered.** **Summary Rating:** **3**		

Bridge Inspection Report | *Routine Inspection*

SFN: 3160092

Baymiller Street C.U.T. Overhead North of 3rd (C.U.T. SE Connection) **Date Inspected:** 05/13/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 3 N

Signature:

Bridge No.: RAILROAD #02

65. Vertical Clearance: Measured 17'-6" in 2019

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status: **Worse pier conditions (columns not touching base plate under train load) observed at adjacent spans that are not part of this inspection and they are not reflected in this rating.**

General Appraisal / Operational Status: **3 N**

Inspection Notes: Did not attempt to access top of bridge.
2020 pier numbering & direction apparently changed.
2021 it appears the area below the bridge is used by the property owner to the S.

Recommended Maintenance:		**Assigned to:**
1.	Replace pier seat gusset plate @ SW pier (pier #71), (completely cracked through @ pier seat).	Owner
2.	Repair anchor bolts & cracked weld @ pier bases @ SW.	Owner
3.	Fasten pier to base @ SW column to prevent movement.	Owner
4.	Investigate adjacent piers & pier caps.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3160157

Budd Street C.U.T. Overhead - 1st West of McLean **Date Inspected:** 05/05/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 N

Signature: _____ **Bridge No.:** RAILROAD #03

Route: BUDD **Unit:** 2924 **Bridge Type** 363 / **Date Built / Date Rehabbed:** 1930 /

Load Rating Percent 0 **(Main/Approach Spans)** **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Open deck, wood ties serve as FLOOR; (apparently new ties 2021).	1	9
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
N58. Deck Summary:	**Former walkway and railing (W side) removed 2021. Floor rating reflecs condition of RR ties.**	**Summary Rating:**	
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Minor initial LOS; some stiffeners perf. @ bottom fascia, E side; rust along BF, TF & rivets; BF pitted @ web interface of E beam, & E face of W beam; minor isol. pack rust between cover plates of BF.	2	6
C16. Diaphragms/X-Frames:	Initial LOS @ gusset plates, bottom horiz member thinning @ gussets.	2	6
C24. Lateral Bracing:	Initial LOS @ gusset plates (noticable @ edges).	2	6
C26. Bearing Devices:	Severe LOS on anchor bolts; corr. w initial LOS elsewhere; some anchor bolts lifted; SW bearing plate partially cracked originating from 1 rivet head.	2	5
C30. Protective Coating System (PCS):	**System:** **Year:** 1997 **PCS Rating:** 4		
	Rusting; BF's & TF's rusting; rusting @ lower lat. bracing.		
N59. Superstructure Summary:	**Not fatigue prone, not redundant.**	**Summary Rating:**	**6**
C33. Abutment Walls:	Staining under bridge; minor vert. cracks; tie holes not plugged @ N, leaking through center jnt 3/4 up abutment wall.	1	7
C34. Abutment Caps:	Minor debris; minor honeycombing; isol. minor efflor. below.	1	7
C36. Pier Walls:	Moss; staining under bridge; ivy growing; minor vert. hairline cracking, some w efflor. @ top of wall.	1	7
C37. Pier Caps:	Debris; minor vert. cracks; minor debris; minor honey combing.	1	7
C39. Backwalls:	@ N only; scaling; minor cracking; efflor @ pipe protrusion @ NE.	1	7
C40. Wingwalls:	Spalls @ bottom E; some form tieholes not plugged; seepage & minor efflor. @ W.	1	7
N60. Substructure Summary:		**Summary Rating:**	**7**

Bridge Inspection Report | *Safety Inspection*

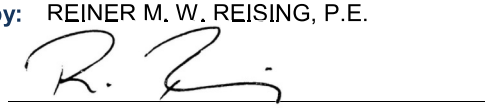
SFN: 3160157

Budd Street C.U.T. Overhead - 1st West of McLean

Date Inspected: 05/05/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 N

Signature: 

Bridge No.: RAILROAD #03

65. Vertical Clearance: Measured - 19'6".

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status: **Partially assumed rating since top was not accessed.**

General Appraisal / Operational Status: **6 N**

Inspection Notes: Did not attempt to access top of bridge (2021).
Very minor, but noticable deflection under train loads (2020).
W grating and railing removed 2021. Lots of RR spikes etc under bridge from recent tie replacement (2021).

General Notes: BE 09 Span 1

Recommended Maintenance:		Assigned to:
1.	Clean & paint bearings & replace bearing anchor bolts & cracked base plate @ SW.	Owner
2.	Clean & paint struct. steel.	Owner
3.	Remove debris (spikes, clips etc) from recent track work from areas below bridge.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3160319

Clifton Avenue Chessie Overhead **Date Inspected:** 06/29/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 3 N

Signature: R. Reising **Bridge No.:** RAILROAD #04

Route: CLIFT **Unit:** 3262 **Bridge Type** 364 / 321 (Main/Approach Spans) **Date Built / Date Rehabbed:** 1968 /

Load Rating Percent 0 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Widespread corr. of steel; wood tie floor on end spans replaced (1988); leaks water & mud.	2	5
C9. Curbs/Sidewalks:	Rusting checker plates.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Drainpipe @ W pier leaking - apparently clogged; bolts @ pipe sleeves missing; runoff @ outside of pipe; avalanches of mud coming down slope protection from both abutments.	4	1
C13. Expansion Joints:	Excessive buildup of mud & ballast @ both abutment seats.	3	3
N58. Deck Summary:	**Summary Rating: 5**		
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	a) approach spans: rusting w initial LOS (esp. TF); fatigue cracks in W rolled beam webs of S track @ welded diaphragm connection; approach span beams deflect, noticeably under LL; beams extensively covered w mud. b) main spans: widespread surface rusting.	3	4
C16. Diaphragms/X-Frames:	Riveted to beams; rust; potential cracks in both approach spans @ gussets.	3	4
C17. Stringers:	(Walk only): rust w minor LOS.	2	6
C18. Floor Beams:	Rust w minor LOS; noticeable deflection under LL.	2	6
C24. Lateral Bracing:	(In approach spans only); rusting; initial LOS; potential cracks in gusset plates in both approach spans, partially concealed by mud.	2	5
C25. Sway Bracing:	Corr.	1	7
C26. Bearing Devices:	Ext. corr. w LOS; some anchor bolt nuts missing or broken (NW approach) ; ext. debris on bearings - bearings @ E & W abuts. covered w mud; bearings of approach beams pumping slightly under LL; gravel accumulation @ SE may impact bearing movement; bearings of FB's of W pier noticeably floating and moving significantly under train loads; some anchor bolts sheared off, others lifted.	3	4
C30. Protective Coating System (PCS):	**System:** **Year:** 1969 **PCS Rating:** 0 Widespread surface rust & severe peeling @ approach beams & floor beams.		
C32. Fatigue Prone Details:	Fatigue cracks present (see #10).	3	3
N59. Superstructure Summary:	**Rating governed by approach spans; entire structure in appraoch spans and & substructure covered w mud, partially assumed rating.** **Summary Rating: 3**		

Bridge Inspection Report | *Safety Inspection*

SFN: 3160319

Clifton Avenue Chessie Overhead **Date Inspected:** 06/29/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 3 N

Signature: _____ **Bridge No.:** RAILROAD #04

C33. Abutment Walls:	Stub abuts; covered w mud.	1	7
C37. Pier Caps:	Ext. debris accum; ext. seepage; efflor; staining.	1	8
C38. Pier Columns:	HL cracks; spalling @ SW w exposed rebar; 2 stirrups exposed.	1	7
C39. Backwalls:	Covered w mud; delam & crack @ E.	1	7
C43. Slope Protection:	Conc. slope protection directly under bridge only.	1	8

N60. Substructure Summary: **Substructure units excessively covered w mud.** **Summary Rating:** **7**

C57. Utilities:	Some hangers loose/rattling.	1	7

Utilities On Structure: Y N N N N N N

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **Large portions of the structure are concealed by excessive accumulation of mud, partially assumed rating.**

General Appraisal / Operational Status: **3 N**

Inspection Notes: Light fixtures missing from light fixture boxes in E & W piers.
Top not accessed 2021.
Center bearing over W pier floating causing pumping under trains.

Recommended Maintenance:		**Assigned to:**
1.	Repair floating FB bearing over W pier.	Owner
2.	Clean & paint structural steel esp. in approach spans.	Owner
3.	Clean rolled beams, & investigate cracks and repair as necessary.	Owner
4.	Clean out drainage system.	Owner
5.	Remove mud & ballast from all bearings & evaluate support.	Owner
6.	Remove mud & ballast regularly from slope protection,sidewalks, & street gutters.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3161676

Clifton Avenue Norfolk Southern Overhead South of Spring Grove **Date Inspected:** 11/03/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 N

Signature: _____ **Bridge No.:** RAILROAD #05

Route: CLIFT **Unit:** 3263 **Bridge Type** 321 / **Date Built / Date Rehabbed:** 1995 /

Load Rating Percent 0 **(Main/Approach Spans)** **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Conc. over metal deck; minor efflor.	1	8
C7.2. Edge of Floor:	Vertical railing cracks w efflor.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C13. Expansion Joints:	Initial corr. & minor dripping @ exp. joints over piers.	1	8
N58. Deck Summary:		**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Steel girders; slight rust; impact damage (minor scrapes) @ several locs; apparent vertical wave of BF's in main span near E pier.	1	8
C16. Diaphragms/X-Frames:	Steel beams bolted to girders; isolated corr. @ some bolts.	1	8
C26. Bearing Devices:	Bronze sliding type; 3 bearings on piers are not fully bearing on pier seats (slightly floating); slight surface rust; some anchor bolts lifted.	1	7
C30. Protective Coating System (PCS):	**System:** **Year:** 1995	**PCS Rating:**	7
	Rust bet. diaphragm conn. & webs; rust @ BF scrapes.		
N59. Superstructure Summary:	**Redundant; not fatigue prone; 6 beams in main span, 5 beams in approach spans.**	**Summary Rating:**	**8**
C33. Abutment Walls:	Stub abutments.	1	9
C36. Pier Walls:	Minor HL cracking & staining; widespread bugholes.	1	8
C37. Pier Caps:	Minor delam. forming @ E side of E pier; staining from seepage, esp @ E pier.	1	8
C39. Backwalls:		1	8
C43. Slope Protection:	Portion cracked @ SW; minor debris accumulating @ E; vegetation growing @ interface to pier & slope wall.	1	8
N60. Substructure Summary:		**Summary Rating:**	**8**

Bridge Inspection Report | *Safety Inspection*

SFN: 3161676

Clifton Avenue Norfolk Southern Overhead South of Spring Grove **Date Inspected:** 11/03/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 N

Signature: _____ **Bridge No.:** RAILROAD #05

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **8 N**

Inspection Notes: Top not accessed during the 2021 inspection.

Recommended Maintenance:	Assigned to:
1. Shim bearings over piers to provide full contact (see Item #24).	Owner
2. Seal leaking jnts. over piers.	Owner
3. Consider painting.	

Bridge Inspection Report | *Safety Inspection*

SFN: 3160300

Collins Avenue SORTA Overhead **Date Inspected:** 06/25/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 4 N

Signature: R. Reising **Bridge No.:** RAILROAD #06

Route: COLIN **Unit:** 3752 **Bridge Type** 364 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1917 /

Load Rating Percent 000 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Open wood ties; widespread railroad tie deter. @ N; new (2018) ties @ S under active track; old rotting ties stacked next to bridge on N track.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Corr; sig. LOS; severe LOS on angles of BF/web; LOS on rivet heads & bolts on BF isol. sev. LOS to web flange connection; some rivets replaced w bolts; many scrapes; impact damage SE TF; multiple impact damages to N girder, BF bent @ 3 locs; debris & rust accum. on BF of girders; LOS on stiffeners (several not connected or perforated @ bottom).	3	4
C17. Stringers:	Corr. w LOS - part. @ TF esp @ W under RR ties (knife edging); outer joists of S track have different geometry (retrofit), but still show LOS; severe LOS to web @ NW {not under track}; stringer bracings @ stringer midspans w advance LOS esp @ NW.	3	4
C18. Floor Beams:	Corr; sev. LOS @ bearings; LOS to TF of end floor beams; rivets replaced w bolts on top; bolts rusted; scrapes & 1 dent from impact.	3	4
C24. Lateral Bracing:	Many tension rods bent by impact; gusset plates corr. & bent.; 1 tension rod removed. Steel angles that brace track half way between floorbeams have severe LOS and thinning.	4	2
C25. Sway Bracing:	Widespread surface corrosion; pitting; LOS.	2	6
C26. Bearing Devices:	Severe corr; LOS; nuts missing from E abut. anchor bolts (exp. side); corr. (pitting) @ E bearing.	3	4
C30. Protective Coating System (PCS):	**System:** **Year:** 1950 **PCS Rating:** 0 Ext. rusting w LOS.		
N59. Superstructure Summary:	**Not fatigue prone, not redundant. Excessive debris on BF's traps moisture & promotes LOS.**	**Summary Rating:**	**4**
C33. Abutment Walls:	a) Masonry wall @ E: apparent settlement w jt. opening up to 2.5" over 4 courses, other wider gaps have been mortar filled in past; isol. cracking through stones. b) Concrete: cracks w efflor. & some with rust; wider crack in conc. @ SW; moss/lichen; seepage; build up of efflor., map cracking, spalling, & large delaminated area's @ corners.	2	5
C34. Abutment Caps:	Cracking; efflor.; rust staining; map cracking & stalactites @ corners.	2	6
C39. Backwalls:	Sev. conc. deter. @ corners.	2	5

Bridge Inspection Report | *Safety Inspection*

SFN: 3160300

Collins Avenue SORTA Overhead **Date Inspected:** 06/25/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 4 N

Signature: _____ **Bridge No.:** RAILROAD #06

C40. Wingwalls:	Leaning +/- 2" @ top @ NE; efflor; SW wall cap separating & potentially sliding.	3	3
N60. Substructure Summary:		**Summary Rating:**	**5**
C55. Warning Signs:		1	7
65. Vertical Clearance:	Posted 10'-6".	**Vert. Clearance Rating:**	1
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**4 N**

Inspection Notes: Evidence of continuing impact; old ties from S track stacked near bridge abutment on N track. SORTA is planning to rehab/modify this structure.

General Notes: Mile Marker 2.18 - Oasis Line

Recommended Maintenance:	**Assigned to:**
1. Clean & paint bridge.(remove loose debris trapping moisture on bridge)	Owner
2. Investigate & repair cracking & apparent shifting of top of Wingwall @ SW.	Owner
3. Mortar repair jt. openings in masonry abutment.	Owner
4. Repair/Replace deter. structural steel members as necessary.	Owner
5. Investigate, monitor, and repair WW leaning @ NE.	Owner
6. Repair conc. abutments where unsound.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3199944

Congress Avenue Pedestrian Tunnel Under SORTA **Date Inspected:** 11/08/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 N

Signature: R. Reising **Bridge No.:** RAILROAD #07

Route: **Unit:** **Bridge Type** 1B4 / **Date Built / Date Rehabbed:** 1917 /

Load Rating Percent **(Main/Approach Spans)** **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N): N			
C44. Culvert - General:	Coated reinforced conc. tunnel; many individual spalls w exp. reinf {+/-45} due to lower cover; cracking & some delam areas; efflor. @ N&S ends; paint peeling mainly around spalls; some evidence of continued spalling.	2	6
C45. Culvert - Alignment:		1	8
C48. Culvert - Head/End Walls:	Cracking w built-up of efflor.; @ S, 75% of tunnel opening perimeter spalled, & dampness; N w 1 wide diagonal crack; HL map cracking & minor efflor; lichen.	2	5

N60. Culvert Summary: **Cracking w buildup of efflor. with spalling @ dampness @ S.** **Summary Rating:** **6**

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **6 N**

Inspection Notes: Span is only 8 ft wide (not ODOT bridge).
Spalling over exp. rebar continues as evident from non coated spalls.
Extensive sidewalk det. @ both ends of tunnel.

General Notes: Ext. cracking w efflor of the WWs that are leaning away from the culvert (1"@ top @ NE)

Recommended Maintenance:	**Assigned to:**
1. Repair conc. @ Headwalls @ N & S ends.	Owner
2. Chip out, patch, and seal delam. & spalls from inside tunnel.	Owner
3. Consider installing light in tunnel.	Owner
4. Replace approach walk @ S & N.	Sidewalks

Bridge Inspection Report | *Safety Inspection*

SFN: 3160653

Eastern Avenue SORTA Overhead at Delta and Riverside Drive **Date Inspected:** 06/28/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 4 N

Signature: R. Reising **Bridge No.:** RAILROAD #08

Route: EASTR **Unit:** 4092 **Bridge Type** 364 / (Main/Approach Spans) **Date Built / Date Rehabbed:** 1916 /

Load Rating Percent 0 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	(Steel floor between beams); isol. pitting esp. over pier; repainted (2007).	1	7
C7.2. Edge of Floor:	Mural @ N; spalls @ N @ beam flange; const crack @ upper cold jnt below fence @ N.	2	6
C11. Railing:	Fence installed (2007).		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
N58. Deck Summary:	**Summary Rating:**		**67**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	(Thru girders) encasement mostly removed @ S; flanges corr; rivet head deter., severe pitting @ bearings, minor pitting elsewhere; repainted (2007); ext. dents in girder web @ S where conc. facing removed; bent stiffeners @ S; efflor.	2	6
C16. Diaphragms/X-Frames:	Some mis-aligned.	1	7
C17. Stringers:	(Built up members) localized heavy pitting (mostly arrested by painting in 2017), isol. corr, ext. seepage w severe LOS @ bearings w rivet deter. & long stalactites (up to 6"); water seeping through stringers even during extended drought; 2 missing rivets @ pier connections @ N; impact damage w sheared off rivets @ 3 stringers (2017?) @ SW.	2	5
C30. Protective Coating System (PCS):	**System:** **Year:** 2007 **PCS Rating:** 7		
	LOS arrested by repainting; inter. coat showing thru top coat; loc. corr.		
N59. Superstructure Summary:	**Not fatigue prone, not redundant; bridge has 2 simple spans; several rivets replaced w bolts.** **Summary Rating:**		**5**
C33. Abutment Walls:	Ext. cracking w heavy efflor. & spalls; few delam areas; patched & sealed (2007); tree growing @ top of wall @ NW.	2	5
C34. Abutment Caps:	Widespread mapcracking w heavy efflor; minor spalls and rust stains.	2	5
C36. Pier Walls:	Conc. wall @ bottom; widespread spalling over studs.	2	6
C37. Pier Caps:	Ext. LOS (knive edging of flanges); rivet deter; some plates perf.; efflor. build-up on new paint; widespread stalactites up to 1 ft long and stalacmites; some stiff. ext. corr even perforations; active corrosion; heavy pitting; severe seepage.	3	4
C38. Pier Columns:	Sev conc. spalling of encasement @ S & N most columns (laminating corr. of underlying steel column visible under spalls); elsewhere rivet deter @ floor beam connection.	2	5
C40. Wingwalls:	Cracking; deter. @ jts; efflor; sealed (2007); long horiz. crack @ NE, sealed.	2	5
N60. Substructure Summary:	**Widespread seepage from abutments & piers.** **Summary Rating:**		**4**

Bridge Inspection Report | *Safety Inspection*

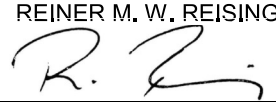
SFN: 3160653

Eastern Avenue SORTA Overhead at Delta and Riverside Drive

Date Inspected: 06/28/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 4 N

Signature: 

Bridge No.: RAILROAD #08

C55. Warning Signs:	"No Pedestrian" @ NW corner; "No Trespassing" signs on deck; vertical clearance 13' 6" sign.	1	8

65. Vertical Clearance: Posted 13'-6". **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **4 N**

Inspection Notes:
Top not accessed during 2021 inspection.
Severe seepage along fascias & piers w stalactites.
Dripping through deck even during extended drought period.
Stairs @ S hit by traffic; outside handrailing missing & concrete spalling.
CSR entered about poison ivy @ sidewalk(2021).

General Notes: Mile Marker 3.92 on Oasis Line

Recommended Maintenance:	**Assigned to:**
1. Remove conc. encasement from S & N pier columns & repair as necessary.	Owner
2. Waterproof deck.	Owner
3. Remove vegetation growing from abutments & railing (primarly poison ivy).	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3160548

Eighth Street C.U.T. Overhead - 1st West of McLean

Date Inspected: 06/10/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 5 N

Signature: R. Reising

Bridge No.: RAILROAD #09

Route: EIGHT **Unit:** 342 **Bridge Type** 322 / (Main/Approach Spans) **Date Built / Date Rehabbed:** 1931 /

Load Rating Percent 0 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Seepage, & cracking w sig. efflor & some exp. rebar mostly around W long. joint.	2	6
C7.2. Edge of Floor:	Widespread corr.; spalling around railing anchors with isol. spalls in between; stalactites forming @ SW; 1 sqft spall w exp. rebar @ SW; loose conc. over unnamed roadway @ SE; ivy growing @ S.	2	6
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C13. Expansion Joints:	W long. jt. open almost over full length & leaking with ext. conc. & steel deter; ballast and debris lodged in jt; E long. jt. minor leekage; S jnt. leaking causing mud stains on abutment.	2	5
N58. Deck Summary:		**Summary Rating:**	**6**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Widespread surface rusting & minor pitting; minor LOS @ TF's; efflor. build-up on BF - S end along W joint; scrapes @ BF center span; N beams almost touching back wall @ 65 degrees.	1	7
C16. Diaphragms/X-Frames:	Rusting.	1	7
C18. Floor Beams:	Brackets @ W long. jt only,: ext. corr. @ T/F w LOS (not under tracks); debris & bricks @ floorbeam to beam connection over roadway; W portion of concrete FB over S pier severly cracked.	2	6
C24. Lateral Bracing:	Rusting.	1	7
C26. Bearing Devices:	S bearings are fixed, all others exp.; corr.	2	6
C30. Protective Coating System (PCS):	**System:** **Year:** 1931	**PCS Rating:**	0
	Ext. rusting; initial LOS @ TF's.		
N59. Superstructure Summary:	**Redundant; not fatigue prone.**	**Summary Rating:**	**7**
C33. Abutment Walls:	Staining; HL vert. cracks; local seepage; many tieholes not closed; material squeezing out of vertical joint @ N.	1	7
C34. Abutment Caps:	Minor debris accum; seepage; vert. cracks; ext. pigeon colony @ N.	1	7
C36. Pier Walls:	Extremely large delams (almost full length of substructure) & widespread extensive spalling w exp. rebar. & rebar LOS.	2	5
C37. Pier Caps:	Minor debris accum; exposed rebar @ bottom of many pier windows; cracks @ delam @ E end of N pier	1	7
C38. Pier Columns:	Few delam, minor spalling; large delaminated area @ 2nd column from W, N pier.	1	7
C39. Backwalls:	Seepage; isol crushing @ N abut. (expansion abuttment).	1	7

Bridge Inspection Report | *Safety Inspection*

SFN: 3160548

Eighth Street C.U.T. Overhead - 1st West of McLean

Date Inspected: 06/10/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 5 N

Signature: R. Reising

Bridge No.: RAILROAD #09

C40. Wingwalls: Vert. abut. jt. open 2" @ SW; ext. veg; minor spalls; spalls, delams & moss in NE WW - rebar exp. in wall face; crack @ NW WW (N.S. rail entrance). 1 7

N60. Substructure Summary: **Summary Rating: 5**

C57. Utilities: 2 conduits corr. 1 7

Utilities On Structure: N N N N N N N

65. Vertical Clearance: Adjacent lower bridge is posted 13'-9". **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **5 N**

Inspection Notes: Top of bridge not accessed during City inspections.

Recommended Maintenance:		Assigned to:
1.	Address exposed rebar w sharp ends sticking out into sidewalk.	Owner
2.	Remove objects stuck in W long. Jnt and repair joint (seal).	Owner
3.	Check concrete @ railing attachments; chip loose concrete where necessary.	Owner
4.	Perform extensive repairs to pier wall (bases), remove loose concrete clean up and patch.	Owner
5.	Remove fallen conc. from sidewalks.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3160572

Eighth Street Norfolk Southern Overhead - 2nd West of McLean **Date Inspected:** 06/10/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 4 N

Signature: R. Reising **Bridge No.:** RAILROAD #10

Route: EIGHT **Unit:** 340 **Bridge Type** 364 / (Main/Approach Spans) **Date Built / Date Rehabbed:** 1930 /

Load Rating Percent 0 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Steel plates: corr; seepage; LOS esp. @ interface of top floor & wall; perf. visible.	2	5
C11. Railing:	Thru girder serves as railing.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C13. Expansion Joints:	Seepage @ N w extensive mud/debris.	2	6
N58. Deck Summary:		**Summary Rating:**	**5**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Ext. corr. w initial LOS @ BF, pack rust esp @ floor beam connections (worst condition in approach spans with LOS & deformation to BF's; pack rust under FB causing waviness in BF cover plates in N span; minor impact damage @ W beam over Main span.	2	5
C16. Diaphragms/X-Frames:	Rust.	1	7
C18. Floor Beams:	Corr. w sig. LOS and pack rust, esp. @ connections to beams (laminating) and over piers.	2	5
C25. Sway Bracing:	Not visible from below.		
C26. Bearing Devices:	N abutment fixed, rest are exp. bearings; ext. corr.; bolt connecting to W beam over N pier missing; S pier bearings have some bent retainer hooks.	2	5
C30. Protective Coating System (PCS):	**System:** **Year:** 1930 **PCS Rating:** 0 Ext. flaking or missing throughout; ext. rusting w sig. LOS.		
N59. Superstructure Summary:	**Not fatigue prone, not redundant; partially assumed rating, top not accessed.**	**Summary Rating:**	**5**
C33. Abutment Walls:	At N only: minor spalls @ E & W sides; some form tie hole plugs missing; vert. HL cracks; severe staining & seepage from above.	1	7
C34. Abutment Caps:	Widespread deep spalls & large delams and exp. rebar w severe LOS; ext. debris accum.; staining & lichen; ext. seepage.	2	5
C36. Pier Walls:	Vert. cracking, slight efflor & widespread staining; horizontal cracks apparently from unintended const. jts.; spalls w exposed rebar @ wall tops.	2	6
C37. Pier Caps:	Widespread spalls w exp. reinf. steel & delam areas (damage under bearings) esp @ 2nd pier from S.	2	5
C38. Pier Columns:	Severe conc. deter; spalls w exp. reinf w LOS, esp. @ N pier; LOS @ reinf. steel - stirrup rusted through; (greater than 10% LOS on column under bearings; 4 adjacent main bars exposed w LOS).	3	4
C39. Backwalls:	Ext. seepage.; partially concealed by debris; mud staining.	1	8

Bridge Inspection Report | *Safety Inspection*

SFN: 3160572

Eighth Street Norfolk Southern Overhead - 2nd West of McLean **Date Inspected:** 06/10/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 4 N

Signature: _____ **Bridge No.:** RAILROAD #10

C40. Wingwalls:	Spalls & crushing @ sides; form tie hole plugs missing; efflor. & conc. deter. @ NW; 2 wide cracks @ WW @ NE(1 vert. 1 mostly horiz.) @ N.S. rail entrance.	2	6
N60. Substructure Summary:	**Sig. spalls @ N pier column w main rebar exp. & LOS.**	**Summary Rating:**	**4**

C55. Warning Signs:	Posted 13'-9" @ E, no sign @ W; measured 14'-0" (W bound) turned.	1	7
65. Vertical Clearance:		**Vert. Clearance Rating:**	1
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**4 N**

Inspection Notes: Top of bridge not accessed .

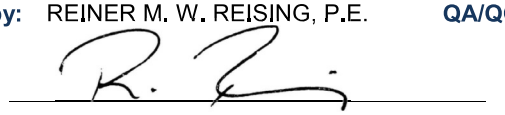
Recommended Maintenance:	**Assigned to:**
1. Repair concrete pier columns & walls where spalled.	Owner
2. Clean & paint struct. steel & bearings.	Owner
3. Repair steel as necessary after cleaning.	Owner
4. Repair (patch) abutment cap.	Owner
5. Investigate cause & mitigate N abutment seepage.	Owner
6. Clean bridge debris on sidewalks below.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3160769

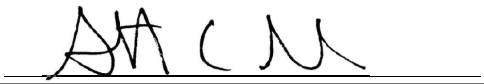
Fifth Street Chessie Overhead West of Linn Street **Date Inspected:** 5/14/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status:** 2 N

Signature: 

Bridge No.: RAILROAD #11

QA/QC Inspector: STEPHEN C. GRESSEL, P.E. **Safety Inspection ?** ☑

Signature: 

Route: FIFTH **Unit:** 3321 **Bridge Type:** 364 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1900 /

Load Rating Percent: 0

Inspection Information

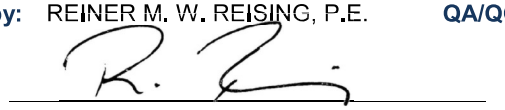
	Rating 1 to 4	Rating 9 to 0
C7.1. Floor: Open wood ties.		
C9. Curbs/Sidewalks: Metal grating; several new sections in place; several wooden grating support members appear unstable & out of alignment/plumb w fasteners missing; 1 vertical wood support missing @ SE. Lots of debris from track repair trapped in grates.		
C11. Railing: Thru girder serves as railing.		
N36. National Safety Feature - Bridge Railing (0, 1 or N): N		
N58. Deck Summary: **2020 track work w many spikes, etc hanging from grates over right-o way and dropped on sidewalks below.** **Summary Rating:**		
C14. Alignment of Members: Widespread impact damage to beams (minor) & lateral bracing (severe).	2	6
C15.1. Beams/Girders: Widespread minor impact damage @ BF E & W; initial LOS; scrapes from trucks; TF rivet deter.; pack rust separating top cover plate @ E beam. LOS of BF on E beam over north pier.	2	6
C16. Diaphragms/X-Frames: (In approach span only): LOS between angles & gussets in SE span; pack rust bet. plates; perf. on angles and gussets.	2	6
C17. Stringers: LOS esp. flanges, significant @ some connections; welded cover plates @ TF of E track with widespread welds breaking & cracked continued into cover plates; W track stringers do not have TF cover plates but show LOS (serrated edges). 2 stringers over N pier have sheared off bolts. All 4 stringers in W track over main span have cracked webs @ FB connection over N pier (45 degrees cracks originating from top of web where flanges are coped, appear to be growing) all BF's @ this connection have sev. LOS, 1 web has 1" diam perf. hole; W most stringer @ this location has 7" (out of 15" height) of uncracked web remaining - LOS greater than 50%. New (2021) crack at eastmost stringer over N pier extending over 2/3rd of the web height with sheared off bolt at the same location.	4	2
C18. Floor Beams: LOS - part. @ topside of TF's; pack rust between TF cover plates; heavy pitting w rivet head deter. (some rivet heads barely noticible) & flange edge serrating; severe BF deter. @ beam connections esp. @ NE.	2	5
C24. Lateral Bracing: Severe LOS of some members; pack rust bet. angles; 1 angle severely damaged from impact; perf.; LOS on gussets; occasional vibration under traffic.	3	4
C25. Sway Bracing: Rusting.	1	7
C26. Bearing Devices: Corroding, LOS, & bending on S anchor plates; N abutment (W track) has extensive	3	3

Bridge Inspection Report | *Safety Inspection*

SFN: 3160769

Fifth Street Chessie Overhead West of Linn Street **Date Inspected:** 5/14/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status:** 2 N

Signature: 

Bridge No.: RAILROAD #11

QA/QC Inspector: STEPHEN C. GRESSEL, P.E. **Safety Inspection ?** ☑

Signature: 

vert. movement under trains. Severely bent and undermined bearing plate at westmost bearing of N abutment with lifted anchor bolts, wide gap between E bearing and masonry plate at abutment seat.

C30. Protective Coating System (PCS): **System:** **Year:** 1982 **PCS Rating:** 1

Widespread fading; widespread surface corr.; active corr. w LOS @ top horiz surfaces, stringers, & bracings.

N59. Superstructure Summary: **Partially assumed rating since the top of the structure was not accessed.** **Summary Rating:** **2**

C33. Abutment Walls:	Horiz. & vert. cracks @ const. joints; severe map cracking & buildup @ corners w severe efflor; spalling @ NE up to bearing exposing embedded member below anchor plate.	2	5
C37. Pier Caps:	Significant LOS on top cover plate @ S.	2	5
C38. Pier Columns:	LOS - particularly @ bases - approx. 10% conc. deter. @ bases with spalling over corroded steel (top); lacing deter. @ N lat. Brace; cracked & settled walk adjacent to column.	2	5
C40. Wingwalls:	Crib wall leaning @ SE corner; severe conc. deter. @ W; cracks, efflor. & spalls; wall top @ W shearing off wingwall; graffiti.	2	5

N60. Substructure Summary: **Summary Rating:** **5**

65. Vertical Clearance: Measured 14'-10". (Many tall trucks passing below bridge) **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **Rating controlled by the condition of the stringers over N pier (cracking in the webs at FB connection and FB connection bolt sheared off web LOS > 50% on multiple stringers and no redundant loadpath without cracking).** **General Appraisal / Operational Status:** **2 N**

Inspection Notes: Sidewalks between pier columns have settled & are cracked. Lots of debris from concrete pier encasements and aparently from trains on walks and in gutters.
Notified CSX about condition of W stringers immediately after the 2017, 2018, and 2020 and 2021 inspection.
Safety inspection only, top of the bridge not accessed.

General Notes: Bridge #6.65

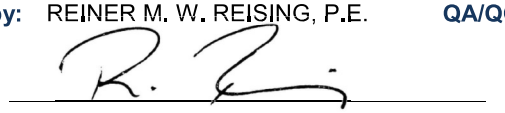
Bridge Inspection Report | *Safety Inspection*

SFN: 3160769

Fifth Street Chessie Overhead West of Linn Street

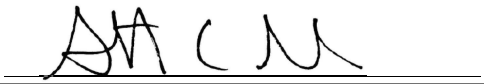
Date Inspected: 5/14/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status:** 2 N

Signature: 

Bridge No.: RAILROAD #11

QA/QC Inspector: STEPHEN C. GRESSEL, P.E. **Safety Inspection ?** ☑

Signature: 

Recommended Maintenance:		Assigned to:
1.	Perform detailed inspection of all steel members and connections.	Owner
2.	Repair all abutment bearings to guarantee proper support and prevent movement under loading.	Owner
3.	Repair/replace cracked stringers.	Owner
4.	Repair stringers to FB connections where bolts are sheared, test all existing connetions.	Owner
5.	Repair lateral bracing (impact damage over main span) and severe LOS elsewhere.	Owner
6.	Sweep debris originating from column base & railroad traffic from curbs & sidewalks.	Owner
7.	Remove debris from gratings and properly secure all gratings.	Owner
8.	Remove loose hardware (spikes, bolts, etc) from over street & sidewalks.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3160963

Front Street Norfolk Southern Overhead South of 6th Street Expwy **Date Inspected:** 06/10/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 3 N

Signature: R. Reising

Bridge No.: RAILROAD #12

Route: FRONT **Unit:** 2925

Bridge Type 363 / **(Main/Approach Spans)**

Date Built / Date Rehabbed: 1930 /

Load Rating Percent 0

Safety Inspection ? ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Open ties, with 2x4's added between ties @ E tracks apparent timber deterioration.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
N58. Deck Summary:	**Open ties, no deck.**	**Summary Rating:**	
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Corr. w LOS on TF & BF & on webs; partially assumed rating based on condition of gussets since portions of the beams cannot be inspected without accessing bridge.	3	4
C16. Diaphragms/X-Frames:	Corr. w severe LOS & deter. @ gusset plates - some members no longer attached or cracked through or missing; bottom horiz. members of most diaphragms no longer connected to gussets or gussets broken; bottom connections no longer effective; 2 end crossframes between the adjacent bridges completely cracked through, indicating movemement of the bridges.	4	1
C24. Lateral Bracing:	Corr. w severe LOS - part. @ gusset plates; many bracing members not connected on one side; most gussets w extreme LOS or completely cracked through; three lower lateral bracing members removed; entire lower lateral bracing no longer effective.	4	1
C26. Bearing Devices:	Corr; cracking of conc. base under bearing plate @ N pier {not immediately under bearings).	2	6
C30. Protective Coating System (PCS):	**System:** **Year:** 1930 **PCS Rating:** 0		
	Extensive corr. throughout w sig. LOS (up to 100%) on all secondary members.		
N59. Superstructure Summary:	**Not fatigue prone; not redundant.**	**Summary Rating:**	**4**
C36. Pier Walls:	Minor spalls in N pier.	1	7
C37. Pier Caps:	Cracks @ TF of S pier seat (all legs of angles cracked through (see diaphragms) - 100% LOS of TF).	3	3
C38. Pier Columns:	Severe rivet deter. @ base of S pier; 100% LOS @ anchor bolts @ S pier; corr. w initial LOS - part. @ base; base of pier not in full bearing @ SW.	3	3
N60. Substructure Summary:	**Cond. of S pier governs rating.**	**Summary Rating:**	**3**

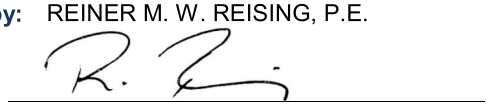
Bridge Inspection Report | *Safety Inspection*

SFN: 3160963

Front Street Norfolk Southern Overhead South of 6th Street Expwy **Date Inspected:** 06/10/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 3 N

Signature: 

Bridge No.: RAILROAD #12

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **3 N**

Inspection Notes: Did not attempt to access top of bridge.
Connection of blast plates on the S side of the flood wall is severely compromised and they should be removed before they fall.(7 out of 8 fasteners @ E beam have failed)
Inspection limitted to span over Front Street. Both tracks active in 2019.

General Notes: Kentucky 3.0 CNO

Recommended Maintenance:		**Assigned to:**
1.	Provide full connection of S pier bent to foundation.	Owner
2.	Repair pier seat @ S pier where angles are cracked(top of pier).	Owner
3.	Replace crossframes, bracing & gusset plates as required - esp. where lower lateral bracing is no longer attached.	Owner
4.	Repair cracked diaphragms between adjacent bridges.	Owner
5.	Remove blast plates from bridge (S of flood wall) before they fall.	Owner
6.	Replace all loose steel members before they fall into roadway {gussets, braces, etc.}	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3160920

Galbraith Road Chessie Overhead Between Burns & Woodbine **Date Inspected:** 05/11/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 N

Signature: _____ **Bridge No.:** RAILROAD #13

Route: GALBR **Unit:** 3832 **Bridge Type** 364 / **Date Built / Date Rehabbed:** 1947 /

Load Rating Percent 0 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Some cracking w efflor. Esp over S pier; minor honeycombing; efflor. @ interface w/ beams; some efflor accumulated on web of center beam; isol. Minor spalling at FB flanges.	1	7
C11. Railing:	No railing; new spill guards (steel angles welded to to pflange of beam) added in 2015; some spill guards tack welded to existing rivets.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
N58. Deck Summary:		**Summary Rating:**	**7**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Seepage w corr. @ conc. interface; pack rust @ stiff. @ piers; ext. efflor. & corr. @ center girder top of web; isol minor spalling @ FB flanges.	1	7
C16. Diaphragms/X-Frames:	Surface corr.	1	7
C18. Floor Beams:	Surface rusting; pack rust @ conc. interface and @ abutments, others in good condition; one floorbeam dented from impact @ SW (2017?).	2	6
C26. Bearing Devices:	Covered w ballast @ corners; neoprene type material squeezing out under FB's.	1	7
C30. Protective Coating System (PCS):	**System:** **Year:** 1979 **PCS Rating:** 0		
	Corr. @ conc. interfaces, @ pier bases, & @ abut. bearings; surface rust elsewhere.		
N59. Superstructure Summary:	**Not fatigue prone, not redundant; widespread surface corr. typically without LOS.**	**Summary Rating:**	**6**
C33. Abutment Walls:	Several full height vert. cracks; staining; seepage from exp. joints @ N & S; dripping @ bearings; several distinct leak sites @ abutments.	1	7
C34. Abutment Caps:	Ballast & debris accum; seepage & moss @ N & S; vert. cracks; efflor; staining.	1	7
C38. Pier Columns:	Corr. w initial LOS @ bases - esp. in splash zones (pitting); corr. @ top; moisture dripping @ top of both center beam columns (not observed in 2021).	2	6
C39. Backwalls:	Conc. deter. @ NW (crumbling); seepage; water seeping down both backwalls.	1	7
C40. Wingwalls:	Ballast falling over top & onto walks; diag. cracks w efflor @ corners; map cracking (w stalactites) @ SE & SW @ top @ abut. Jt; top sections of WW @ NE being displaced outward over s/w - apparently by former trees growing behind WW, 3/4" out @ W end & 3" out @ E end of section.	2	6
N60. Substructure Summary:	**Water seeping down S backwall even during dry periods. Water and mud starting to accumulate on sidewalks.**	**Summary Rating:**	**6**

Bridge Inspection Report | *Routine Inspection*

SFN: 3160920

Galbraith Road Chessie Overhead Between Burns & Woodbine

Date Inspected: 05/11/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 N

Signature: R. Reising

Bridge No.: RAILROAD #13

C55. Warning Signs:	13'-9" installed in 2012	1	9
65. Vertical Clearance:		**Vert. Clearance Rating:**	1
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**6 N**

Inspection Notes:
Abnormally little noise under moving trains (not observed 2021).
Top not accessed during 2021 inspection.
Ballast from bridge on sidewalk. Mud and water from abutments accumulating on walks, esp at N.
Several bird nests on bottom flanges of center beam.

Recommended Maintenance:		**Assigned to:**
1.	Remove ballast & debris from abutment seats & from WW plateaus and sidewalks.	Owner
2.	Clean pier column base plates in sidewalk area to prevent corrosion and possible section loss.	Owner
3.	Investigate water proofing/leakage @ bridge end.	Owner
4.	Reset/secure/anchor top of Wingwall @ NE.	Owner
5.	Remove accumulated mud (originating from bridge abutments) from sidewalks	Owner
6.	Prevent future runoff from abutments onto sidewalks	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3161323

Gest Street Chessie Overhead at 3rd Street **Date Inspected:** 06/07/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 3 N

Signature:  **Bridge No.:** RAILROAD #14

Route: GEST **Unit:** 192 **Bridge Type** 364 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1931 /

Load Rating Percent 0 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	No actual deck, rating applies to ties, etc: Wood ties (2020); steel grating (1996), portions bent; many spikes, shims and clamps from tie replacement stuck in grating.	1	7

N36. National Safety Feature - Bridge Railing (0, 1 or N): N

N58. Deck Summary: **Open deck, hence no summary rating.** **Summary Rating:**

C14. Alignment of Members:	Several areas of slight impact damage, esp. @ pier bracings & approach spans (not considered here).	1	7
C15.1. Beams/Girders:	Former derail. damage @ E end; corr. arrested by painting; minor isol. pack rust bet. some C/P.	1	7
C17. Stringers:	Surface rusting @ flanges.	1	7
C18. Floor Beams:	Minor LOS to webs; some stiffeners damaged & repaired.	1	7
C24. Lateral Bracing:	Pack rust bet. angles; LOS - especially @ gussets (perforated gusset edges); holes in LLB gussets; TLB - some members replaced.	2	6
C25. Sway Bracing:	Mostly concealed.	1	7
C26. Bearing Devices:	@ E only; LOS; corr. arrested by painting.	1	7

C30. Protective Coating System (PCS): **System:** **Year:** 1996 **PCS Rating:** 6

Widespread chalking and fading on beams; aparent surface corrosion on other "interior members"; top of gussets not visible but expected to be corroding; portions repainted in 2021

N59. Superstructure Summary: **Not fatigue prone, not redundant; partially assumed rating since inspection from ground level only.** **Summary Rating:** **7**

C37. Pier Caps:	Impact damage over Gest Street; rivets missing and LOS in lacings; possible cracks in pier bracing over Gest (N side).	2	5
C38. Pier Columns:	Corr holes @ pier bases 51-52 d/t LOS, estimated LOS of pier 51 columns is around 50% (reducing bearing capacity of enitre pier by 50%); base plate @ B53 extensive LOS; anchor bolts severe LOS & lifted; column pumping considerably under LL; cond. @ piers 51 & 53 governs rating; LOS to bearing plate esp. N bearing over pier 53.	3	3

N60. Substructure Summary: **Summary Rating:** **3**

Bridge Inspection Report | *Safety Inspection*

SFN: 3161323

Gest Street Chessie Overhead at 3rd Street

Date Inspected: 06/07/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 3 N

Signature: R. Reising

Bridge No.: RAILROAD #14

C55. Warning Signs:	S sign missing; N sign new.	3	3
65. Vertical Clearance:	Posted 13'-6" @ S (very small sign) & 13' 9" @ N (new sign); pier 48 & higher blocked off & concealed by scaffolding; VC measured @ 13.88 on 9-18-2017; ongoing overlay project in 2020 (check VC when completed).	**Vert. Clearance Rating:**	1
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**3 N**

Inspection Notes: Top not accessed during 2021 inspection.
Recent CSX rehab appears to be limited to other spans of this structure, or trackwork.

Recommended Maintenance:	**Assigned to:**
1. Repair steel @ base of pier columns.	Owner
2. Clean structural steel, replair as necessary, and paint.	Owner
3. Update all VC signs and replace missing signs at S.	Traffic

Bridge Inspection Report | *Safety Inspection*

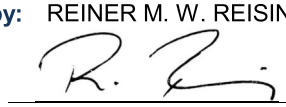
SFN: 3161668

Gest Street Chessie Overhead - 1st East of Mill Creek

Date Inspected: 07/29/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 2 N

Signature: 

Bridge No.: RAILROAD #15

Route: GEST **Unit:** 52 **Bridge Type** 364 / (Main/Approach Spans) **Date Built / Date Rehabbed:** 1923 / 1975

Load Rating Percent 0 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Wood ties & steel grating; many wood ties split & tie ends visibly deforming under loads; grating bent @ several locations; debris (sand, gravel) falling through deck; railroad tracks lifting from ties under train load.		
C11. Railing:	Several posts broken, substituted or apparently floating.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C14. Alignment of Members:	Some stringers appear twisted @ FB connection (assumed to be construction issue).	2	6
C15.1. Beams/Girders:	Widespread laminating corr. w LOS - esp. on BF; missing bolts throughout structure; pack rust forming; scrapes on BF's; beam in approach span governs rating (33% LOS on flanges).	3	4
C16. Diaphragms/X-Frames:	Corr. w LOS; bolt missing @ N pier diaphram 3rd bridge from W.	2	5
C17. Stringers:	Corr; ext. LOS - especially @ 2nd bay from W (sev. laminating corr., at least 1 stringer perforated over almost full length, BF distorted and separating from web); loose bolts @ S pier @ beam conn (bay 4 from W); some stringers apparently twisted @ FB connection; 2nd bridge from W controls rating.	4	2
C18. Floor Beams:	Excessive corr w widespread severe LOS; many bolts apparently removed (3 @ center of each web conn. & all flange conn, (pattern indicates removal on purpose)); most FB's perforated (2 E most tracks esp.) with BF seperated from web over 75% of FB length (entire length between stringers).	3	3
C24. Lateral Bracing:	Corr. w ext. LOS; impact damage on sev. members; bolts replaced; single member in N approach span with 95% LOS.	3	4
C26. Bearing Devices:	Corr; some LOS; pounding @ bearings under loading; pack rust; debris accum. over piers; anchor bolts (joist to beam) loose @ S; severe LOS and anchor bolt deter. @ bottom of piers; bearing plates of S pier to joist conn. @ the first bridge E to Mill Creek has apparently turned/shifted; bolt sheared off at SE most bearing.	2	5

C30. Protective Coating System (PCS): **System:** **Year:** 1975 **PCS Rating:** 0

Ext. corr; initial LOS.

N59. Superstructure Summary: **Not fatigue prone, not redundant; sev. LOS; large rust flakes accum. on flanges, gussets, etc, possibly concealing additional LOS.** **Summary Rating:** **2**

C33. Abutment Walls:	Gunite repaired (1988); seepage; rust stained from bearings; isol. cracking w efflor @ tops.	2	6
C37. Pier Caps:	Debris; ext. LOS & broken bolt @ SE.	2	5
C38. Pier Columns:	Advanced deter. - especially @ bottom of piers (1/2" deep pitting); pack rust bet. pier column & plate; sev. LOS @ bases (worse @ center piers); holes @ stiffeners (some	3	4

Bridge Inspection Report | *Safety Inspection*

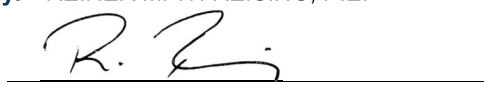
SFN: 3161668

Gest Street Chessie Overhead - 1st East of Mill Creek

Date Inspected: 07/29/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 2 N

Signature: 

Bridge No.: RAILROAD #15

100% LOS); nuts on anchor bolts rusted away; sev. LOS @ bottom of lat. member bet. piers; conc. deter. around bases (all bases @ S appear to be possibly moving); localized heavy pitting; sev. rivet deter.

C39. Backwalls:	Partially obstructed; horiz. & vert. cracks.	2	6
C40. Wingwalls:	Gunite repairs (1988); minor cracking & efflor.	2	6

N60. Substructure Summary: **Very noticable sidewalk pounding under train traffic.** **Summary Rating:** **4**

65. Vertical Clearance: VC sign - 14'-0" is for 2 concrete bridges at east. **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **2 N**

Inspection Notes:
3 tracks on bridge (2 on E side and 1 on the far W) all tracks are currently being used by trains; 1 roadway.
Did not attempt to access top of bridge 2021.
Met with Reese Benson (CSX) in the field following 2019 inspection to point out our concerns.
Notified CSX after 2020 and 2021 inspection about condition of the bridge.
Entire bridge rattling under traffic.

Recommended Maintenance:		**Assigned to:**
1.	Replace or repair deteriorated structural steel (see perforated floorbeams and stringers).	Owner
2.	Clean & paint structural steel.	Owner
3.	Clean fallen wood, dirt, train parts, etc.. from sidewalks below bridge.	Owner
4.	Repair/strengthen piers @ bases.	Owner
5.	Perform close-up inspection of all floorbeams & stringers & share reports with the CITY.	Owner
6.	Remove loose timber over traffic lanes & walks.	Owner
7.	Remove all unused/broken utilities on the bridge.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3161609

Gest Street Chessie Overhead - 2nd East of Mill Creek **Date Inspected:** 07/30/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 3 N

Signature: R. Reising **Bridge No.:** RAILROAD #16

Route: GEST **Unit:** 53 **Bridge Type** 364 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1930 /

Load Rating Percent 0 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Walkway grating; deter. of timber flooring; grating severly bent @ N; 1 grate section pushed through flanges, only attached @ 1 end; hose dangling through deck below beam flange.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Widespread corr. w sig. pitting - esp. on top of BF's; corr. W LOS on TF of W span; rivet deter; ext. debris accum; impact damage @ E girder; noticeably deflecting under live load.	2	6
C16. Diaphragms/X-Frames:	Widespread corr. w LOS; misaligned / bent.	2	6
C17. Stringers:	Widespread corr. w surface pitting; debris accum.	2	6
C18. Floor Beams:	Ext. corr.; BF laminating, debris accum. on many FBs with web seperating from BF full width between stringers; some FB's have perforations between stringers & beam connections.	3	3
C24. Lateral Bracing:	Ext. corr. W LOS - severe @ gusset plates; some members perforated; pack rust; debris accum; impact damage @ E & W; W most bridge governs rating.	2	5
C26. Bearing Devices:	Bearings @ S abut. not seated - floating approx. 2" above abut. Seats (not observed in 2021); corr. w LOS; anchor bolts lifted; N most abutment bearings under E most tracks pumping under traffic.	4	2
C30. Protective Coating System (PCS):	**System:** **Year:** 1950 **PCS Rating:** 0		
	Ext. corr. w LOS.		
N59. Superstructure Summary:	**4 independent side-by-side bridges; each not redundant; not fatigue prone; wide spread corr. Full extent of deterioration may not be detectible from the ground level.** **Summary Rating:** 3		
C33. Abutment Walls:	HL vert. cracks; deter. @ center jt; stains; seepage @ N.	1	7
C34. Abutment Caps:	Ext. debris; minor spall @ S; heavy green moss growing; spall w exp rebar @ NW.	1	7
C38. Pier Columns:	Corr. w LOS @ bases; nuts on anchor bolts rusted away (some completely); S piers pinned @ 2 locations; pack rust bet. stiff. plts; bolts @ attach to bearings @ base sev. deter. - esp. @ N; 4th column from W (N side) is moving (shaking) very noticeably vertically & horiz. under load and does not appear to be bearing on footing (can be moved with foot), adjacent (3rd) column supporting the same track makes cracking noise under load and is pumping as well; columns have advanced LOS @ bottom (LOS in column web up to 0.25")	3	4
C39. Backwalls:	Mostly obscured by diaphragms; minor vert. cracks; spalling; widespread scaling.	1	7
N60. Substructure Summary:	**Non redundant piers; widespread corr. & fastener det.** **Summary Rating:** 4		

Bridge Inspection Report | *Safety Inspection*

SFN: 3161609

Gest Street Chessie Overhead - 2nd East of Mill Creek

Date Inspected: 07/30/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 3 N

Signature:

Bridge No.: RAILROAD #16

65. Vertical Clearance: VC sign -14' - 0" is for E concrete bridges only.

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 3 N

Inspection Notes: Only 1st & 3rd tracs from E appear to currently carry traffic. (This is where condtions of floorbeams and pier columns are worst).
Did not attempt to access top of bridge.
Notified CSX about FB condition following 2019 & 2020 inspection (on site meeting 2019 to illustrate our concerns).
Requested and received FRA inspection report for the structure (1-2020).

	Recommended Maintenance:	Assigned to:
1.	Provide full bearing under all abut. bearings to prevent vertical movement under trains.	Owner
2.	Replace deter. anchor bolts @ piers & pier bases and reattach 4th pier column @ N - reattach nuts to anchor bolts.	Owner
3.	Clean RR debris from sidewalks below bridge.	Owner
4.	Clean & paint struct. steel.	Owner
5.	Investigate all structuaral steel members and repair as necessary esp perforated FB;s under active track& share report w city	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3161439

Gest Street C.U.T. Overhead - 1st West of Dalton **Date Inspected:** 06/14/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 N

Signature: _____ **Bridge No.:** RAILROAD #17

Route: GEST **Unit:** 74 **Bridge Type** 112 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1931 /

Load Rating Percent 0 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Widespread scrapes from impact; minor delam. & spalls w some exp. Rebar - esp. in N spans & @ E; widespread stains & mottling.	2	6
C7.2. Edge of Floor:	Tunnel entrances: fascia spalls & cracks w efflor., stalactites @ 1 location @ N; exp rebar.; delam. conc.	2	6
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C13. Expansion Joints:	Jt. mat'l squeezing out @ many jts; leakage under E most bridge; efflor around several jts.	2	5
N58. Deck Summary:	**Summary Rating:**		**6**
C14. Alignment of Members:	Slight misalignment @ jts.	1	7
C15.2. Slab:	Slab type structure; see "FLOOR".	2	6
N59. Superstructure Summary:	**Redundant, not fatigue prone.** **Summary Rating:**		**6**
C33. Abutment Walls:	Minor vert. cracks w some efflor.; cap cracked on top @ SE; minor spalls; covered w dust/dirt.	1	7
C37. Pier Caps:	Some delam., exp. rebar.	1	7
C38. Pier Columns:	Isol. vert. cracks; delam, spalls and isol. exp. Reinf; large delam. Near W end of bridge.	1	7
C40. Wingwalls:	Minor water saturation (not observedin 2021), cracking & efflor; ballast spilling over; lrg. Spall @ NW (delam. Bolted back in place).	1	7
N60. Substructure Summary:	**N side {W bound lanes appear to have more delams, and det.}** **Summary Rating:**		**7**
C55. Warning Signs:	W fascia sign peeling and covered by conduit & tree branches. Signs should be updated to reflect actual clearance.	2	5
C57. Utilities:	Open elect. box w exp. wires @ 2nd pier column from E; many open elect. boxes in floor.		

Utilities On Structure: Y N N N N N N

65. Vertical Clearance: New overlay 2020: vertical clearances measured with new overlay: **Vert. Clearance Rating:** 1

Bridge Inspection Report | *Safety Inspection*

SFN: 3161439

Gest Street C.U.T. Overhead - 1st West of Dalton

Date Inspected: 06/14/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 N

Signature: R. Reising

Bridge No.: RAILROAD #17

W: (S span) measured 13.4' at N haunch; and 14'-0 in center
E: (N span) measured 14'-0" at haunch; and 14'-10" in center
Existing VC signs are conservative but can remain.

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: **6 N**

Inspection Notes: Did not attempt to access top of bridge during 2020 inspection; new roadway overlay in 2020.

General Notes: Impact attenuator @ E end of center pier.
Bridge is in 5 sections - 2 western-most spans have no RR tracks & are paved for vehicular traffic use.

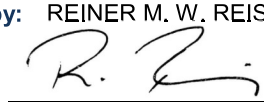
Recommended Maintenance:		Assigned to:
1.	Chip delam. conc. on floor & fascia before it falls onto traffic.	Owner
2.	Close up open electrical boxes.	Owner
3.	Remove excess jt. mat'l. from exp. jt @ NW.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3161498

Gest Street Norfolk Southern Overhead (E) - 2nd West of Dalton **Date Inspected:** 06/14/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 5 N

Signature:  **Bridge No.:** RAILROAD #18

Route: GEST **Unit:** 71 **Bridge Type** 112 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1930 /

Load Rating Percent 0 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Many scrapes from tall vehicles (impact); some delams; cracks forming under rebar (possible delams & spalls); some exp. Reinf. (rusting); low rebar cover is the source of these issues.	2	6
C7.2. Edge of Floor:	Deep scrapes, spalls, exp. rebar esp. @ SW (impact damage), several small delam; cracks and spalls @ fascias.	2	6
C11. Railing:	Metal railing, apparently corr.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
N58. Deck Summary:		**Summary Rating:**	**6**
C14. Alignment of Members:		1	8
C15.2. Slab:	Slab type structure; see "FLOOR".	2	6
N59. Superstructure Summary:	**Redundant, not fatigue prone.**	**Summary Rating:**	**6**
C33. Abutment Walls:	Minor vert. cracks w exp. rebar @ N; 1 large spall/delam @ N (20 sq. ft.w several exp. bars); crushing @ corners @ WW interfaces.	2	6
C37. Pier Caps:	Isol. spalling w exp. rebar; some delam areas.	2	6
C38. Pier Columns:	Delams & spalls w exp. (rusting) reinf. steel - esp. 2nd column from E (6 main bars exp); delam. Areas.	2	5
C40. Wingwalls:	Ballast spilling over; minor popouts over rebar ties w low concrete cover; few minor cracks.	1	7
N60. Substructure Summary:		**Summary Rating:**	**5**

C55. Warning Signs: Advanced warning signs apply to adjacent bridge w lower clearance.

C57. Utilities: Various lights: conduits corroding; 1 fixture missing @ N; loose pull box on pier column, all assumed to be no longer functioning. 4 2

Utilities On Structure: Y N N N N N N

65. Vertical Clearance: Posted 13-9" WB, EB not posted; measured (7-31-2020) 14' 11" W bound & 14'3" E bound. **Vert. Clearance Rating:** 1

Bridge Inspection Report | *Safety Inspection*

SFN: 3161498

Gest Street Norfolk Southern Overhead (E) - 2nd West of Dalton

Date Inspected: 06/14/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 5 N

Signature:

Bridge No.: RAILROAD #18

N59. General Appraisal and Oper. Status:	**Widespread but isol. spalls & delams as a result of low concrete cover over rebar.**	**General Appraisal / Operational Status:**	**5 N**

Inspection Notes: Impact attenuators are installed @ both the E & W ends of the center pier.
Did not attempt to access top of bridge 2021.
New roadway overlay 2020.

General Notes: Kentucky, East Lead Gest Street Yard.

Recommended Maintenance:	**Assigned to:**
1. Consider chipping; rebar coating, & concrete patching on 2nd pier column from E and N abutment.	Owner

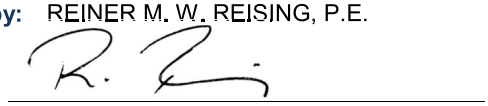
Bridge Inspection Report | *Safety Inspection*

SFN: 3161552

Gest Street Norfolk Southern Overhead (W) - 3rd East of Mill Creek **Date Inspected:** 07/30/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 3 N

Signature: 

Bridge No.: RAILROAD #19

Route: GEST **Unit:** 54 **Bridge Type** 364 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1912 /

Load Rating Percent 0 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Wood ties & planks, splitting & disentegrating @ some locations; floor removed from E most span in 2014.	2	5
C11. Railing:	Timber railing in approach spans loose; thru girder serves as railing for center span.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
N58. Deck Summary:	**Summary Rating:**		**5**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Corr. w widespread pitting & rivet det.; impact damage @ BF - E girder.	2	6
C16. Diaphragms/X-Frames:	Corr. (newer members); debris accum; N end crossframe loose & moved toward pier @ W & E (apparently shimmed w timber) & not connected to beams; S end diaphram also not connected.	3	4
C17. Stringers:	Corr. w ext. LOS @ E - up to 75% LOS on TFs & widespread perforations on webs; newer rolled beams & in better condition @ W; corr. holes in web @ E; rating based on W bridge. (E bridge rated much worse but has no tracks).	2	6
C18. Floor Beams:	Corr.; debris accum; ext. flaking & LOS to web bottoms.	2	5
C24. Lateral Bracing:	Corr. (newer members); debris accumulating; LOS @ gussets & angles (original members); loose @ W fascia; many members misaligned.	3	3
C25. Sway Bracing:	Not visible (from below), assumed rating.	1	7
C26. Bearing Devices:	Abut bearings corroding; anchor bolts lifted; covered w debris; several anchor bolts 100% LOS; 100% LOS on angle stiffeners.	3	4
C30. Protective Coating System (PCS):	**System:** **Year:** 1950	**PCS Rating:**	0
N59. Superstructure Summary:	**Not fatigue prone, not redundant; big difference in condition of steel members between E & W bridge. Many E members have sev. LOS & perforations and would be rated as imminent failure(1). W bridge in better condition but several connections appear changed from original design & are likely compromised. All but 1 bottom gusset connect FB to beams have no bolts. End diaphrams are not connected to beams and apparently shifted @ N, it is possible that other compromised connections allow for similar movement of members.**	**Summary Rating:**	**5**
C33. Abutment Walls:	HL full height crack w efflor.; minor spall; staining & lichen.	1	7
C34. Abutment Caps:	Debris accum.; horiz cracks w efflor @ S; staining & lichen.	1	7
C38. Pier Columns:	Corr. w LOS @ bases & stiffeners; several stiffeners completely rusted thru; sig. LOS on anchor bolts (some 100%); pack rust forming bet. angles on diag bracing; through hole in horizontals @ S; full depth holes in NW pier column on both legs (>50% LOS	3	3

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 3 N

Signature: _____ **Bridge No.:** RAILROAD #19

total); plates added over similar damage @ SW column.

C39. Backwalls:	Minor cracks & efflor. worst to the W of bridge.	1	7
C40. Wingwalls:	Seepage; efflor; stalactites; severe spalling @ SW.	2	5

N60. Substructure Summary: **Cond. of NW pier (under active track) governs rating.** **Summary Rating:** **3**

65. Vertical Clearance: VC sign - 14'-0" for E concrete bridges only. **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **3 N**

Inspection Notes: The E half of the bridge is all original structure steel and is not in use.
W portion used by trains and vehicles alike; did not access top of bridge.

General Notes: Kentucky, West Lead Gest Street Yard; superstructure of E bridge would be rated much lower but was not controlling this rating.

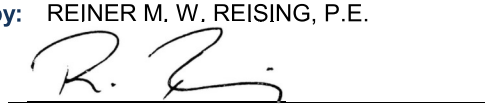
Recommended Maintenance:		**Assigned to:**
1.	Repair/replace deter. structural steel members @ pier bases.	Owner
2.	Clean & repaint superstructure.	Owner
3.	Check and repair floorbeams & FB conn. where fasteners are no longer present.	Owner
4.	Remove deteriorated members of upper lateral bracing over street & sidewalks before they fall on the ground.	Owner
5.	Reset & secure end diaphrams over abutments.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3161307

Highland Avenue Norfolk Southern Overhead West of Lester Road **Date Inspected:** 06/14/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 N

Signature:  **Bridge No.:** RAILROAD #20

Route: HIGHL **Unit:** 4262 **Bridge Type** 112 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1950 /

Load Rating Percent 0 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Scrapes; cracks & spalls d/t insuff. reinf. cover; exp. rebar (esp. in approach spans); 2 bars in main span affecting V.C.; several long HL cracks in line w black pier seat material.	2	6
C7.2. Edge of Floor:	Many spalls from impact w exp rebar; intial map cracking w efflor. & stalactites (alkali-silica reaction) esp. @ W; wide crack @ NW & SE indicating larger delam.	2	5
C11. Railing:	2 broken posts @ NE; impact damage; bent @ NW; rusted.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
N58. Deck Summary:	**Ballast falling over deck.** **Summary Rating:**		**6**
C14. Alignment of Members:		1	8
C15.2. Slab:	Conc. slab structure - see "FLOOR".	2	6
C26. Bearing Devices:	Black (exp jnt filler?) between conc pedestals.		
N59. Superstructure Summary:	**Redundant; not fatigue prone; generally low concrete cover over rebar.** **Summary Rating:**		**6**
C33. Abutment Walls:	Minor spalls; hairline mapcracking w efflor @ corners; 1 exp. rebar @ S.	2	6
C37. Pier Caps:	Staining; minor spalls & delam w exp. reinf.	1	7
C38. Pier Columns:	Minor cracking & delams, spalls, some w exp. reinf @ const. jts just below pier caps; widespread honeycombing; stained columns in splash zone; scrapes from impact @ N.	2	6
C40. Wingwalls:	Erosion of embank. behind NW WW - part. filled w ballast; staining; minor delams	1	8
N60. Substructure Summary:	**General low concrete cover over rebar.** **Summary Rating:**		**6**
C55. Warning Signs:	Chevrons only attached by one bolt each @ top.	1	7
65. Vertical Clearance:	Measured 14'-0" (new pavement 2016). All previous VC signs were removed; VC reduced by exposed lower bars +/- 2". **Vert. Clearance Rating:**		1
N59. General Appraisal and Oper. Status:	**General Appraisal / Operational Status:**		**6 N**

Bridge Inspection Report | *Safety Inspection*

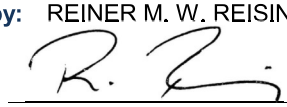
SFN: 3161307

Highland Avenue Norfolk Southern Overhead West of Lester Road

Date Inspected: 06/14/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 N

Signature: 

Bridge No.: RAILROAD #20

Inspection Notes: Many tall trucks crossing under bridge that almost touch the slab.
Top not accessed 2021.

General Notes: Oakley Junction - Milepost OB 0.34

Recommended Maintenance:		Assigned to:
1.	Repair/replace railing.	Owner
2.	Perform conc. repairs (chipping & patching) @ bottom edge of fascias, before loose material falls into traffic.	Owner
3.	Cut rebar sticking out from slab over roadway.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3161137

Highland Avenue SORTA Overhead East of Lester Road

Date Inspected: 10/01/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 N

Signature: R. Reising

Bridge No.: RAILROAD #21

Route: HIGHL **Unit:** 4271 **Bridge Type** 364 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1970 /

Load Rating Percent 000 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Minor trans. cracking.	1	8
C7.2. Edge of Floor:	Rusting @ standoff locations; trans. HL cracks.	1	8
C11. Railing:	Metal railing removed; conc. parapets widely scraped on insides from apparent derailment; graffiti.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C13. Expansion Joints:	Seepage; rust.	1	7
N58. Deck Summary:		**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Minor scrapes over E bound lane; minor rusting @ beam ends.	1	7
C16. Diaphragms/X-Frames:	Widespread initial rusting.	1	7
C24. Lateral Bracing:	Widespread intial rusting, no LOS.	1	7
C26. Bearing Devices:	Spot rust.	1	7
C30. Protective Coating System (PCS):	**System:** **Year:** 1970	**PCS Rating:**	4
	Widespread fading/chalking; widespread discoloration (turning brown); very limited areas of active corrosion though.		
C32. Fatigue Prone Details:	Lateral Bracing gusset plates, BF thickness transition: mostly assumed rating,	1	8
N59. Superstructure Summary:	**Fatigue prone; not redundant; birds roosting.**	**Summary Rating:**	**7**
C33. Abutment Walls:	Minor HL cracks.	1	8
C39. Backwalls:	Stains; horiz. cracking w efflor @ top 2' of S backwall; possible seepage from exp joints @ S.	1	7
C40. Wingwalls:	Isol. map cracking w efflor. @ SE; minor staining; horiz offset of WW's vs abutment @ SE.	1	7
N60. Substructure Summary:		**Summary Rating:**	**8**

Bridge Inspection Report | *Safety Inspection*

SFN: 3161137

Highland Avenue SORTA Overhead East of Lester Road

Date Inspected: 10/01/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 N

Signature: 

Bridge No.: RAILROAD #21

C55. Warning Signs:		1	7
65. Vertical Clearance:	Posted 13'-9" in advance of bridge for WB traffic. Actual clearance approx. 14'.	**Vert. Clearance Rating:**	1
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**7 N**

Inspection Notes: Single metal clank sound noticed during 2019 inspection w out traffic (bridge in direct sunlight). Top of bridge not accessed 2021.

Recommended Maintenance:	**Assigned to:**
1. Consider cleaning & repainting steel.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3162885

Laidlaw Avenue Norfolk Southern Overhead

Date Inspected: 06/11/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 N

Signature: R. Reising

Bridge No.: RAILROAD #22

Route: LAIDL **Unit:** 3651 **Bridge Type** 321 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1959 /

Load Rating Percent 0 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Steel plates w widespread surface corr. & initially pitting.	2	6
C11. Railing:	Tree branches shoved into railing post where horiz members are missing.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
N58. Deck Summary:		**Summary Rating:**	**6**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Areas of minor pack rust between beam cover plts. & BF's developing throughout w plates separating, no loss of rivets yet; ext. surface rusting of BF w minimal LOS; minor dents to several BF's (many over S walk).	2	6
C16. Diaphragms/X-Frames:	Surface corr.	1	7
C26. Bearing Devices:	Concealed, apparent rusting.	1	7
C30. Protective Coating System (PCS):	**System:** **Year:** 1959	**PCS Rating:**	0
	Widespread corrosion, but little LOS (steel weathering); floor & BF's in worst condition w paint mostly nonexistent, webs in much better condition.		
N59. Superstructure Summary:	**Redundant; not fatigue prone; widespread corrosion, but little LOS (steel weathering).**	**Summary Rating:**	**6**
C33. Abutment Walls:	HL cracking (some full height); minor rust staining under fascia bearings; small spall @ S.	1	7
C39. Backwalls:	(Mostly concealed) minor cracks.	1	7
C40. Wingwalls:	Hairline cracking; vert. crack w efflor. @ NW; spalls @ SE w exp. rebar (low cover) & conc. det. w efflor; vines growing on S wingwalls.	1	7
N60. Substructure Summary:		**Summary Rating:**	**7**

Bridge Inspection Report | *Safety Inspection*

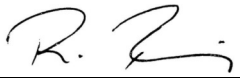
SFN: 3162885

Laidlaw Avenue Norfolk Southern Overhead

Date Inspected: 06/11/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 N

Signature: 

Bridge No.: RAILROAD #22

65. Vertical Clearance: 14'-10"; (new overlay 2015)

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: **6 N**

General Notes: Cincinnati Belt Line - Milepost CT 1.08 - Bridge #2096A.
Most tracks removed - only 2 tracks @ W remain.

Recommended Maintenance:		Assigned to:
1.	Clean & paint structural steel.	Owner
2.	Remove tree branches from W railing posts before they fall into traffic.	Owner
3.	Monitor BF rivet deterioration.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3199942

Lancaster Street Pedestrian Tunnel Under SORTA **Date Inspected:** 04/28/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 2 N

Signature: R. Reising **Bridge No.:** RAILROAD #23

Route: **Unit:** **Bridge Type** 1B4 / **Date Built / Date Rehabbed:** 1914 /

Load Rating Percent **(Main/Approach Spans)** **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
N58. Deck Summary: **Not applicable.**	**Summary Rating:**		
C44. Culvert - General:	Excessive floor heaving; ext. cracking of interior façade bricks, esp. @ NE; conc. arch mostly not visible except for holes in bricks; (mostly assumed rating); graffiti; 2nd crack from N is +/- 1" wide w apparent conc cracked behind (possible point of entrance for cementitous material in 2021 see inspection note); apparent continuation of shifting/cracking in bricks w potential for bricks falling.	3	4
C48. Culvert - Head/End Walls:	Full height cracks @ both tunnel ends; N wall offset @ crack ± 1.5" w/ main rebar exp. & 100% LOS the other one buckled; S spandrel 1.5" wide full depth crack almost full height crack; spandrel concrete deteriorating, aparently held in place by wingwalls. Wingwalls: Ext. cracking w efflor. Built-up; lrg. Cracks & horizontal offset @ N end; ext. conc. Deter; spalling at edges @ S; moss, discoloration & water saturation; ballast spilling over wall @ S; N arch apparently completely delaminated.	4	2
N60. Culvert Summary:	**2021 cementitous material had been flowing into the tunnel (E half) from a highpoint at the vertical brick crack. Origine of the material not clear.**	**Summary Rating:**	**2**

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **2 N**

Inspection Notes: Tunnel no longer useful; ext. trash piles @ N end of arc. Vicinity of tunnel is experiencing significant subterranean shifting. Pier wall E of tunnel completed 2018; tunnel fenced off @ S 2019. Cementitous material in E side of tunnel orgininatig from area near the wide brick crack (2021).

General Notes: RR marker 2 on top.

Recommended Maintenance:	**Assigned to:**
1. Remove debris & trash from tunnel & entrances.	Owner
2. Fill tunnel & remove from inventory.	Owner
3. Until filled, tunnel should be monitored & secured/reinforced spandrel walls (esp S).	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3160335

Langdon Farm Road SORTA Overhead **Date Inspected:** 07/28/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 N

Signature: R. Reising **Bridge No.:** RAILROAD #24

Route: LANGD **Unit:** 4031 **Bridge Type** 322 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1948 /

Load Rating Percent 000 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Steel plates; ext. corr. w initial LOS.	2	6
C7.2. Edge of Floor:	Ext. deter. of conc. fascia, widespread deep spalls w exp. rebar, widespread map cracking w efflor; stalactites; delam. areas.	3	4
C11. Railing:	Most posts completely broken (thru-cracked); gravel guard panels bent or loose allowing ballast to fall on roadway; center horiz. railing discontinuous @ SE.	4	2

N36. National Safety Feature - Bridge Railing (0, 1 or N): N

N58. Deck Summary: **Stalagmites forming in roadway below edge of floor from seepage.** **Summary Rating:** **6**

C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	9 rolled beams closely spaced; widespread rust; LOS @ fascia beams w ext. built-up of efflor.; birds droppings on BF; scrapes @ BF; interior beams in better condition.	2	6
C16. Diaphragms/X-Frames:	Rolled W sections; rusting, severe @ continuous BF.	2	6
C26. Bearing Devices:	Corr; conc. encased @ abut.	2	6

C30. Protective Coating System (PCS): **System:** **Year:** 1948 **PCS Rating:** 0

Widespread rusting; initial LOS; chalking/fading.

N59. Superstructure Summary: **Redundant; not fatigue prone.** **Summary Rating:** **6**

C33. Abutment Walls:	Vert. HL cracks; seepage stains; horiz. cracks w built-up efflor. @ NW & SW, much better elsewhere.	1	7
C36. Pier Walls:	Minor HL cracking; seepage stains; large patched areas (unsound) @ S w 3 spalls & exp rebar in splash zone; several delams detected by sounding.	2	6
C39. Backwalls:	Cast around beam ends; concrete crushing from expansion esp @ fascia beams.	3	4
C40. Wingwalls:	Minor vert. cracking; moss/lichen.	1	8

N60. Substructure Summary: **Summary Rating:** **6**

C4. Embankment:	Mostly overgrowing.	1	8

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **Summary Rating:** **8**

Bridge Inspection Report | *Safety Inspection*

SFN: 3160335

Langdon Farm Road SORTA Overhead

Date Inspected: 07/28/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 N

Signature:

Bridge No.: RAILROAD #24

65. Vertical Clearance:

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 6 N

Inspection Notes: Top not accessed 2021.

General Notes: Mile marker 12.04 - Oasis
Bike lanes and one lane vehicle traffic each way below bridge.

Recommended Maintenance:		Assigned to:
1.	Chip loose conc from fascias before it falls into traffic.	Owner
2.	Chip loose conc from backwalls before it falls onto s/w.	Owner
3.	Replace or repair railing & spill guards before it falls into traffic below.	Owner
4.	Clean & paint struct. steel.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3161730

Lester Road Norfolk Southern Overhead South of Highland

Date Inspected: 06/14/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 4 N

Signature: R. Reising

Bridge No.: RAILROAD #25

Route: LESTR **Unit:** 4261 **Bridge Type** 112 / (Main/Approach Spans) **Date Built / Date Rehabbed:** 1950 /

Load Rating Percent 0 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Ext. map cracking w efflor concentrated toward edge of floor; scraped @ underside.	2	5
C7.2. Edge of Floor:	Ext. widespread concrete det. (sev. widespread ASR?), crumbling, map cracking; exp. reinf. steel @ top; exp. stirrups & bases of railings; widespread loose conc.; stalactites esp. @ N.	3	3
C11. Railing:	Rusted; 2 posts on N side no longer embedded (substituted by steel angles); conc. crumbling around other posts; bent horiz. railing @ SE.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
N58. Deck Summary:	**Extensive shedding of crumbled conc.**	**Summary Rating:**	**5**
C14. Alignment of Members:		1	8
C15.2. Slab:	Conc. slab structure - see "FLOOR & EDGE OF FLOOR"	2	5
N59. Superstructure Summary:	**Redundant; not fatigue prone; overall conc. condition is poor.**	**Summary Rating:**	**5**
C33. Abutment Walls:	Cracks w ext. efflor, delam; general conc. deter @ corners; spalls; severe alkali silica reaction @ WW corners.	2	5
C37. Pier Caps:	Seepage; efflor;sev. cracking & delams @ fascia's; exp. rebar (4 main vertical bars) @ top of several columns.	3	4
C38. Pier Columns:	Severe spalling @ fascia corners; w ext. efflor. & exp. bars esp. @ NW; unsound under map cracking (outside columns).	2	5
C40. Wingwalls:	Ext. conc. deter. @ top near abut. (all 4 sev. Alkali silica reaction); map cracks w efflor; 1/2" offset to abutment @ SW; crushing @ 2 locations against abutment w 2 large delams; lower portions of wall much better.	2	5
N60. Substructure Summary:		**Summary Rating:**	**4**
C55. Warning Signs:	Slightly faded; rusted.	1	7
65. Vertical Clearance:	Posted 13'-6".	**Vert. Clearance Rating:**	1
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**4 N**

Bridge Inspection Report | *Safety Inspection*

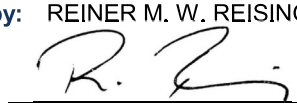
SFN: 3161730

Lester Road Norfolk Southern Overhead South of Highland

Date Inspected: 06/14/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 4 N

Signature: 

Bridge No.: RAILROAD #25

Inspection Notes: Track repair work completed (2015); top not accessed in 2021.

General Notes: Oakley Junction, Milepost OB 0.33

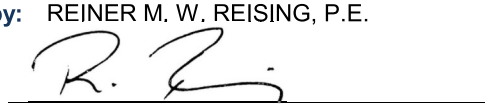
	Recommended Maintenance:	Assigned to:
1.	Chip/repair loose deter. concrete particularly over roadway before portions fall onto traffic.	Owner
2.	Secure railing where post are no longer embedded into some concrete.	Owner
3.	Plan for extensive concrete repairs/replacement.	Owner
4.	Repair pier colums caps where main rebar is exposed.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3161692

Madison Road IORY Overhead at Kenwood Road **Date Inspected:** 06/18/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 4 N

Signature:  **Bridge No.:** RAILROAD #26

Route: MADSN **Unit:** 480 **Bridge Type** 364 / **Date Built / Date Rehabbed:** 1915 /

Load Rating Percent 0 **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Steel plates: Seepage; corr. w pitting & LOS @ connections, severe @ bridge ends (only floor plates between FB considered).	2	5
C11. Railing:	Thru girders act as railing; web (many) perforations plated 2017		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
N58. Deck Summary:	**Ballast spilling onto s/w @ SE & NW; veg. growing @ E; water dripping through deck (although not at time of 2017 inspection).**	**Summary Rating:**	**5**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Corr; efflor; sev. widespread LOS to webs @ ballast interface causing many perforations (plated in 2017 using plates and stitch welds); widespread impact damage to stiffeners & BFs; pack rust on BF's; corr. w sig. LOS (heavy pitting inside of BF); several rivets missing from BF of W beam due to impact; rivet det esp near beams due to rust; several areas of BF deformation(peeling) @ center due to impact.	3	4
C18. Floor Beams:	Corr. w widespread efflor; stalactites @ plate connections, esp @ S; numerous scrapes from impact; pack rust; sig. LOS @ end connections; rivet det due to rust esp near beams; leaking thru FB's @ S abutment.	3	4
C25. Sway Bracing:	Webs & 1 beam connection angle w severe LOS @ ballast interface; 2" tall perforation typical(esp. W beam, where all webs are rusted through); LOS to sway bracing flanges (some severe); pack rust forming @ tops.	3	3
C26. Bearing Devices:	Corr. most likely inhibiting exp; debris; pack rust @ masonry plates; 2 broken bolts @ SW bearing plate (bearings located on grilleage in abutments per original plans); sev LOS moment plate @ S center bearing; NW bearing slide retainer severly bent out of place.	2	5

C30. Protective Coating System (PCS): **System:** **Year:** 1970 **PCS Rating:** 2

Corr. w severe LOS @ ballast interface; corr. @ floor below; fascias painted 2010; widespread scrape marks @ BF's.

N59. Superstructure Summary:	**Not fatigue prone, not redundant.**	**Summary Rating:**	**4**
C33. Abutment Walls:	Efflor & rust staining; wide vert. crack @ S below center & SW bearing; widespread conc. deter, spalling and delams; ext. deter. of conc. @ SW under bearing & @ NW corner; new mural (2018) @ S and new paint @ N (2020).	2	5
C34. Abutment Caps:	Partially coated; cracks; conc. delaminating & large areas of unsound cap under SW & NE bearings; deter; efflor; spalls; debris accum; seepage; stalactites; severe concrete deterioration (crumbling in S center).	3	4
C39. Backwalls:	Cracks; conc. deter. esp. @ SW; efflor; delams. & spalls; major spall @ NE; moist & water stained @ SW.	3	4
C40. Wingwalls:	Cracks; spalls; gunite flash coat delam; coated (2017); stone det. @ SW; spalling @ older portion of wingwall @ cold joint (newer (1944) wingwall extension was aparently aparently not doweled into original wing @ NW causing slight offset).	2	6

Bridge Inspection Report | *Routine Inspection*

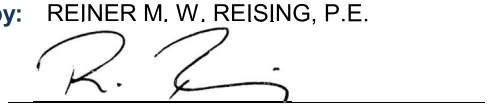
SFN: 3161692

Madison Road IORY Overhead at Kenwood Road

Date Inspected: 06/18/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 4 N

Signature: 

Bridge No.: RAILROAD #26

N60. Substructure Summary: **Coating may conceal some of the substructure deficiencies; seperation of new(1944) and original (1915) wall @ cold jnt not doweled; spalling @ older portion of wall @ NW (cold jnt).**

Summary Rating: **4**

C55. Warning Signs: 1 7

65. Vertical Clearance: Posted 12'-0". (measured 12'-3" +)

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: **4 N**

Inspection Notes: Active track on W side; tracks removed @ E. Bridge regularly hit by tall trucks despite many advance waring signs; continued scratches from vehicle strikes; top not accessed in 2021.

General Notes: Don Stephans @ 513-476-7929 {owner of next door wood shop} regulrarly informs DOTE about bridge impacts.

Recommended Maintenance:		Assigned to:
1.	Reattach vertical clearance sign @ W fascia.	Traffic
2.	Clean & paint structural steel esp below bridge.	Owner
3.	Repair concrete substructure elements.	Owner
4.	Remove vegetation from top of bridge.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3161854

Madison Road IORY Overhead West of Ridge Road **Date Inspected:** 06/01/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 N

Signature: _____ **Bridge No.:** RAILROAD #27

Route: MADSN **Unit:** 356 **Bridge Type** 321 / (Main/Approach Spans) **Date Built / Date Rehabbed:** 1959 /

Load Rating Percent 000 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Isol. distinct areas of seepage along beams w stalactites forming up to 10" long; under platform numerous cracks w efflor & mottling, map cracking in N span; condition of floor under platform governs rating.	2	5
C7.2. Edge of Floor:	Damp areas & mapcracking with efflor, esp over pier; widespread mottling; scrapes, spalls, & several very small delams in fascia's; widespread suspected ASR(?) @ fascias esp over pier; possible horiz thru crack w efflor @ S fascia (steel beam not full height?).	2	6
C9. Curbs/Sidewalks:	Ext. conc. deter; widespread cracking & spalling; all exposed conc appears unsound (sounded); spalls in platform show copper band over exp joint; sidewalk not integral w superstructure conc. But separate pour.		
C11. Railing:	Vert. through cracks one wide @ E, full height esp. @ posts; isol. deter. (ASR?); steel portion repainted 2011; no exposed rebar.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C13. Expansion Joints:	Crushing @ walk; seepage w efflor; distinct areas of leakage (efflor. build-up) on substructure esp. @ S and adjacent to platform; loose copper strip exposed in curb deck spalls over joints.	2	5
N58. Deck Summary:		**Summary Rating:**	**5**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Steel beams mostly concealed by conc.; rusting & pitting on BF's - esp. under jts.; seepage along beams.	2	6
C16. Diaphragms/X-Frames:	Only present in bay under platform: birds roosting.	1	8
C26. Bearing Devices:	(Mostly concealed) squeezing out @ several locations.	2	6
C30. Protective Coating System (PCS):	**System:** **Year:** 1959	**PCS Rating:**	0
	Ext. rusting w LOS on BF.		
N59. Superstructure Summary:	**Redundant, not fatigue prone. Only bottom of BF visible, hence partially assumed rating; diag crack/delam in pier diaphram under platform.**	**Summary Rating:**	**6**
C33. Abutment Walls:	Num. vert. cracks (up to .055" width @ S), some w efflor. - esp. @ S; staining from leakage through jt. above.	1	7
C37. Pier Caps:	Extensive staining from leakage above @ ends; ext. cracks w efflor. (ASR?), possibly under mining fascia bearing.	2	6
C38. Pier Columns:	Some HL cracks; minor spalls; popouts.	1	8

Bridge Inspection Report | *Safety Inspection*

SFN: 3161854

Madison Road IORY Overhead West of Ridge Road **Date Inspected:** 06/01/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 N

Signature: _____ **Bridge No.:** RAILROAD #27

C40. Wingwalls:	Few cracks, one w efflor; popouts.	1	7
N60. Substructure Summary:	**Widespread efflor. on surface from leakage at joints.**	**Summary Rating:**	**6**

C55. Warning Signs:	Posted 13'6" for EB traffic.	1	9
65. Vertical Clearance:	EB: 13'-10"; WB: 13'-9".	**Vert. Clearance Rating:**	1
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**6 N**

Inspection Notes: Newer balast; and since 2017 two tracks on the bridge rather than one; new (2021) utility conduit below bridge (light fixtures).

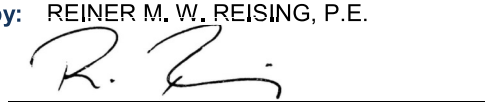
	Recommended Maintenance:	**Assigned to:**
1.	Repair pier cap @ W.	Owner
2.	Repair & seal joint over piers & curb to prevent water seepage into superstructure and piers.	Owner
3.	Check soundness of concrete and chip all loose material before it falls into traffic.	Owner
4.	Repair concrete where mapcracking, patch and seal. (edges of pier caps, etc.)	Owner
5.	Plan for extensive conc replacement @ railings, curbs, platform, etc.	Owner
6.	Chip delaminated conc. from railings, epoxy inject cracks.	

Bridge Inspection Report | *Safety Inspection*

SFN: 3161706

Madison Road SORTA Overhead East of Ridge Road **Date Inspected:** 06/01/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 4 N

Signature:  **Bridge No.:** RAILROAD #28

Route: MADSN **Unit:** 414 **Bridge Type** 363 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1945 /

Load Rating Percent 0 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Concrete: widespread cracking; widespread delams & spalling w some exp. Reinf. Steel.; isol. Rust staining;	2	6
C7.2. Edge of Floor:	Widespread closely spaced cracking (ASR?); deter. & spalling (some deep) on bottom & fascia; stalactites & delam. @ both fascias throughout; widespread exp. Rusted rebar w sev. LOS.	3	4
C11. Railing:	No railing on E side; rusting on W side; railing support brackets rusted w severe LOS; some posts apparently floating; timber edge beams sev. deter.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
N58. Deck Summary:	**Rail dips on bridge d/t poor ballast.** **Summary Rating:**		**6**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Ext. rusting; minor impact damage; 2 stiffeners bent, 1 broken; scrape marks @ bottom of BF's; connection of approach span beams to main span beam has 3 missing bolt @ NE, 2 @ SW.	2	6
C16. Diaphragms/X-Frames:	Rusting; 1 gusset @ lower bracing @ E bent up (impact?).	2	6
C24. Lateral Bracing:	Rusting; one gusset plate of lower lateral bracing bent up slightly (impact?).	2	6
C26. Bearing Devices:	Corr. w initial LOS.	2	6
C30. Protective Coating System (PCS):	**System:** **Year:** 1946 **PCS Rating:**		0
	Original paint almost completely gone, steel weathering mostly without LOS, except in splash zone.		
N59. Superstructure Summary:	**Not fatigue prone; not redundant.** **Summary Rating:**		**6**
C33. Abutment Walls:	Several vert. cracks and horiz. cracks @ const. jts. (painted over by mural (new 2019).	1	7
C34. Abutment Caps:	Isol. cracking and moisture; little efflor.;debris & gravel accum.	1	7
C37. Pier Caps:	Debris accum; rusting.	2	6
C38. Pier Columns:	Ext. rusting; ext. LOS @ bases; severe rivet & anchor bolt deter; few isol. areas of deeper steel deter. apparently originating from embedded objects, typical 10 sq in by 3/8" deep; flange thickness @ SW reduced from 1.25" to .4" {1 flange only}	3	4
C39. Backwalls:	Seepage; spalls; efflor buildup; vert. cracks; conc deterioration @ SW; upper triangular wall section on top of NE backwall slightly shifted (1-1/2")	2	5
C40. Wingwalls:	Cracking w extensive efflor. & spalling (ASR) @ tops NE & SE; ext. conc. deter. @ far NE & NW cap ends; main WWs in much better condition; triangular WW topper @ NE offset, apparently loose (fastened to backwall by L bracket).	2	5

Bridge Inspection Report | *Safety Inspection*

SFN: 3161706

Madison Road SORTA Overhead East of Ridge Road

Date Inspected: 06/01/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 4 N

Signature: _____

Bridge No.: RAILROAD #28

N60. Substructure Summary: **Not fatigue prone; not redundant.** **Summary Rating:** **4**

C55. Warning Signs: 1 7

65. Vertical Clearance: Posted 13'-6" (measured 13'-10") **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **4 N**

Inspection Notes: Abutments repainted (2019).
Contacted SORTA regarding concrete delaminations over traffic following the 2018 inspection; supposedly plans for rehab by SORTA in which case maintance items do not apply.

General Notes: Mile Marker 9.40 on Oasis Line
Element level data on file.

Recommended Maintenance:		Assigned to:
1.	Repair/replace corroded brackets supporting railing.	Owner
2.	Remove loose concrete from floor and fascias before it falls into traffic.	Owner
3.	Reset & secure upper triangular wall on top of backwall @ NE.	Owner
4.	Remove ballast from abutment seats.	Owner
5.	Remove unsound concrete from top of wingwalls, & repair as necessary.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3163032

McMillan Street over SORTA Tunnel **Date Inspected:** 04/12/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature: _____ **Bridge No.:** RAILROAD #29

Route: MCMIL **Unit:** 3372 **Bridge Type** 095 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1881 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N): N			
C44. Culvert - General:	Widespread cracking @ ends, including precursor to global cracks at N end with cracks through many courses of bricks (appears to be remains from former headwall collapse). General minor brick and mortar deterioration elsewhere, esp at bottom of brick courses; minor leakage at N esp +/-15 ft from N end, where there are two cracks in the center toward the W (this area was determined to de located about 15 ft N of the end of the sidewalk in the slope); moisture at blocked off N end @ NE (3' wide).	2	6
C45. Culvert - Alignment:		1	8
C48. Culvert - Head/End Walls:	Only located on the S side; cracks in the stones at isol. locations (near bottom of wall); widespread surface spalling mostly @ bottoms of walls; large diameter rebar sticking out from top of headwall (former railing?)	2	6
C50. Culvert - Abutments:	Stone pedestal abutments underneath the brick arch.	1	7
N60. Culvert Summary:	**N portion of the culvert has been filled in (closed off).**	**Summary Rating:**	**6**
C1. Pavement:	Long. map cracking originating from manhole.	1	7
C4. Embankment:	Steep South embankments and previous landslide at the SE embankment, not affecting guardrail or street above.	2	5
C5. Guardrail:	Concrete parapet with steel twin tubes on the top on the South side. No guardrail on the North side, only pedestrian railing.	1	7
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N			
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): 0			
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): 0			
C6. Approaches Summary:		**Summary Rating:**	**5**
C57. Utilities:	There is a stormwater manhole inside the culvert over the storm drain, lid missing.		
Utilities On Structure: N N N N N N N			
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**6 A**

Inspection Notes: Several long. cracks in fill inside the tunnel at the N end where fill is tallest (maybe fill could not be compacted due to vertical clearance), appears to have stabalized. Moisture entering paritcularly 15 ft S of North end of tunnel (which is about 15 ft North of the sidewalk above, hence in the slope).

Bridge Inspection Report | *Routine Inspection*

SFN: 3163032

McMillan Street over SORTA Tunnel

Date Inspected: 04/12/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 A

Signature: R. Reising

Bridge No.: RAILROAD #29

Recommended Maintenance:	Assigned to:
1. Tuckpoint and repair mortar & brick as necessary.	Owner
2. Reset manhole lid.	Stormwater

Bridge Inspection Report | *Safety Inspection*

SFN: 3161153

Mehring Way C.U.T. SE Connection Overhead East of Freeman **Date Inspected:** 11/05/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 N

Signature: R. Reising **Bridge No.:** RAILROAD #30

Route: MEHRG **Unit:** 37 **Bridge Type** 344 / (Main/Approach Spans) **Date Built / Date Rehabbed:** 1931 /

Load Rating Percent 0 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Open wood ties (circa 2010).	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
N58. Deck Summary:	**Summary Rating:**		**7**
C14. Alignment of Members:		1	8
C17. Stringers:	Minor corr. w minor LOS @ TF @ rails & isol @ webs; corr. @ lower lateral stringer bracing connections; pack rust forming @ connections to FB's.	1	7
C18. Floor Beams:	Very isol. corr. (former blast plate locations); isol. initial LOS on TF's; rivets (2) @ NE connection (knee brace) to vert. sheared off.	1	7
C19. Truss Verticals:		1	8
C20. Truss Diagonals:	Lacing bent above W-center pier; bent gusset @ 1st vert. from W - S side.	1	8
C21. Upper Chord:		1	8
C22. Lower Chord:	Possible minor corr. @ some lacing connections.	1	7
C23. Truss Gusset Plates:	Minor corr. w @ gusset plates; minor @ FB - more @ joists.	1	8
C24. Lateral Bracing:	Pack rust between angles; apparent corr. of gussets of top chord lateral bracing.	1	7
C25. Sway Bracing:	Initial LOS; all non-vertical members have multiple semi circle drain holes cut out.	1	7
C26. Bearing Devices:	Minor LOS on bases.	1	7
C30. Protective Coating System (PCS):	**System:** **Year:** 1997 **PCS Rating:**		6
	Little corr. or LOS except @ rails; drips/runs/sags; inter. {red} coat showing through top coat in many locs.		
N59. Superstructure Summary:	**Not fatigue prone; not redundant; (partially assumed rating since top of bridge was not accessed); rust colored surface staining.** **Summary Rating:**		**7**
C36. Pier Walls:	@ E; efflor. @ cracks @ NE; joint material squeezing out of vertical jnt @ E pier; isol. cracking w efflor. apparent thru crack near wall opening not under bearing.	1	7
C37. Pier Caps:	Minor HL cracks; minor debris accum.	1	7
C38. Pier Columns:	Minor cracking; form-tie hole plugs missing; honeycombing esp. @ unintended cold joints; minor spalling; minor exp. reinf. @ 1 location; staining; widespread scaling.	1	7
N60. Substructure Summary:	**Ivy & lichen growing @ W.** **Summary Rating:**		**7**

Bridge Inspection Report | *Safety Inspection*

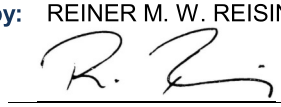
SFN: 3161153

Mehring Way C.U.T. SE Connection Overhead East of Freeman

Date Inspected: 11/05/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 N

Signature: 

Bridge No.: RAILROAD #30

65. Vertical Clearance:

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: **7 N**

Inspection Notes: Line on N side removed. Top not accessed during City routine inspections, hence partially assumed rating.
Rehab work done by CSX in 2010-2012

General Notes: FB rivets @ stringer connections do not appear to be riveted on both sides by design. Plates on one side have rivet heads on the other appear to be prepunched (?). This pattern switches somewhere closer to the W end of the bridge.

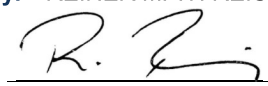
Recommended Maintenance:	Assigned to:
1. Share latest Railroad inspection report of this bridge with the City.	Owner
2. Clear vegetation from substructure.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3161102

Mehring Way C.U.T. SE Connection Overhead - Harriet to Freeman **Date Inspected:** 08/02/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 N

Signature:  **Bridge No.:** RAILROAD #31

Route: MEHRG **Unit:** 23 **Bridge Type** 363 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1931 /

Load Rating Percent 0 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Open wood ties in good condition; grating @ S w objects trapped between grates.	1	7
C11. Railing:	Cable @ S only.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
N58. Deck Summary:		**Summary Rating:**	**7**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Surface corr. esp. on flanges ; isol. rivet deter. @ ends of cover plates; minor pack rust; BF dented both beams span 45 (span W of Carr St.); poss. LOS @ BF @ gussets; apparent LOS in TF cover plates; minor imperfections in BF E of floodwall (impact?).	1	7
C16. Diaphragms/X-Frames:	Corr. w initial LOS (laminating) & pack rust @ some gusset plate locations; perforated gusset @ diaphram connection mid span 28; possible crack in bot vert gusset over pier 52 (N) in line with rivets; possibly bent gusset @ N over pier # 46 (bot. hor. Gusset).	1	7
C24. Lateral Bracing:	Bottom lateral bracing only in some spans (apparently by design); LOS & pack rust @ gusset plates & between angles w perforations over piers esp to the W (pier 27 S).	1	7
C26. Bearing Devices:	Corr; anchor bolt loose @ pier 51S; bearing plate @ bottom of beam @ some locations is corr. w LOS & heavy pitting (33, 47, 49); oversize holes @ bearing plate 45 & 47.	2	6

C30. Protective Coating System (PCS): **System:** **Year:** 1984 **PCS Rating:** 5

Part. repainted (1997); rusting @ BF & @ bottom of web; rust under-cutting @ piers; some flaking of newer paint esp on pier columns.

N59. Superstructure Summary: **Initial packrust developing between plates; possible crack in bottom vert. gusset over pier 15N in line w rivets; possibly bent gusset over pier 46(bottom N gusset).** **Summary Rating:** **7**

C37. Pier Caps:	Corr; intial LOS; pack rust between cover plates @ several bents, pack rust between cover plates; minor impact scrapes @ bottom of several bents; top horiz. bracing between pier columns not always present(apparently by design); many scrapes (impact) @ bottom of 44 w 2 rivets sheared off.	1	7
C38. Pier Columns:	Impact damage to bracing @ 54, 38, & 27 N; minor LOS @ bases; conc. pedestal deter; holes in bracing @ 28 S top & bottom (LOS @ top > 50%); pack rust between angles of horiz. bracing; possible heaving @ pier 27 S w broken welds @ column base; generally more corrosion to columns W of pier 47.	2	6

N60. Substructure Summary: **Rusting columns @ pier 47 & W of 47.** **Summary Rating:** **6**

Bridge Inspection Report | *Safety Inspection*

SFN: 3161102

Mehring Way C.U.T. SE Connection Overhead - Harriet to Freeman **Date Inspected:** 08/02/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 N

Signature: R. Reising **Bridge No.:** RAILROAD #31

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **6 N**

Inspection Notes: Top not accessed during the 2021 inspection.
New pier number markings apparently offset by -1 (this report based on new markings).
New overlay on roadway below (2021).

Recommended Maintenance:		Assigned to:
1.	Replace all bracing where perf. esp @ pier 28.	Owner
2.	Tighten bolt @ pier 51 S (bearing).	Owner
3.	Remove loose timber from BF & E of pier 35.	Owner
4.	Remove steel spike sticking out of corr. hole in gusset W of pier 37.	Owner
5.	Remove loose wood from BF, span 54.	Owner
6.	Remove 2 severely perforated tabs (former N track conn.) @ E side of pier 41 before they fall into traffic.	Owner
7.	Remove any objects wedged into grating.	Owner
8.	Check gusset @ pier 52 N & 46 N for integrity.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3161226

Mehring 1Way Chessie Overhead East of Smith Street **Date Inspected:** 08/12/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 3 N

Signature: R. Reising

Bridge No.: RAILROAD #32

QA/QC Inspector: BRIAN E. RHODES **Safety Inspection ?** ☑

Signature: Brian Rhodes

Route: MEHR C **Unit:** 101 **Bridge Type** 321 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1929 /

Load Rating Percent 0

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Open ties: Aparently trackwork ongoing 2021; steel grating between the two spans;. Few walk cantilevers with sev.e LOS; 3 suspended timber platforms between tracks below metal grates over Mehring Way (with questionable beam connections) should be removed if no longer used.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C14. Alignment of Members:	Minor impact damage to pier N of mehring Way.	1	7
C15.1. Beams/Girders:	Widespread LOS, esp @ connection of BF to webs, with perforations (mostly these areas are not visible); several rivets missing; some riveted moment plates replaced with bolted plates; severe LOS (100%) of BF on beams 1 and 2 from E at pier 14; TF edges serrating; multiple cracks in beam ends over piers (indicated by RR inspector notes not visible from the ground).	3	3
C16. Diaphragms/X-Frames:	Corrosion w LOS - significant at gussets; many members not connected, or severely perforated, some missing, few replaced in isolated spans.	4	2
C24. Lateral Bracing:	Corrosion w LOS esp. at gusset plates; many perforated or missing members; one member over PRW only attached on one end with other end sagging free.	4	2
C26. Bearing Devices:	Mostly concealed; severe det. of some anchor bolts visible; apparent loose anchor bolt N of pier 15 at beam 2 from W; sev LOS & packrust to bearing plates esp. pier 8.	3	4

C30. Protective Coating System (PCS): **System:** 1997 **Year:** **PCS Rating:** 0

Widespread corrosion, but partially repainted (bot of pier N of PRW and all S of pier 10).

N59. Superstructure Summary: **Several critical portions of the superstructure cannot be inspected from the ground level. Inspection from the adjacent vehicluar bridge provides only limitted views. Generally the condition appears to be getting worse to the N end of the bridge.** **Summary Rating:** 3

C37. Pier Caps:	Corr. & LOS, some severe, particularly on hor. surfaces; various rivets missing (pier 10); pack rust under beams; braces bet. pier columns @ pier 15 w severe LOS; LOS to flanges and aparent cracks of some plates S of Mehring Way.	2	5
C38. Pier Columns:	Corr. & LOS; cracking of conc. bases; impact N of Mehring Way; LOS, pack rust & rivet deter. at column bracings pack rust on pier 9 causing plates ob both sides of the pier to split & disintegrate; pier bases have ext. corr. and LOS @ anchor bolts.	2	5

Bridge Inspection Report | *Safety Inspection*

SFN: 3161226

Mehring 1Way Chessie Overhead East of Smith Street **Date Inspected:** 08/12/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 3 N

Signature: R. Reising

Bridge No.: RAILROAD #32

QA/QC Inspector: BRIAN E. RHODES **Safety Inspection ?** ☑

Signature: Brian Rhodes

N60. Substructure Summary: **Summary Rating:** 5

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):

65. Vertical Clearance: 14'-3" minimum V.C for Smith St.; signed 12'-6" **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **No information available for load restriction of trains. Both tracks active in 2021.** **General Appraisal / Operational Status:** **3 N**

Inspection Notes: Top not accessed during the 2021 inspection. Most of the scaffolding that was in span 14 since 2013 had been removed, but vertical hangers remain in place.
Partially assumed rating due to limtted access.
2021 lots of debris, from ongoing track work on the ground below. Notified CSX (Reese Benson) about dangling ties above roadway and loosly suspended on utilities above rpoadway following 2021 inspection.

	Recommended Maintenance:	Assigned to:
1.	Investigate and repair LOS on beam BF N of pier 14 to E tracks, where flange has 100% LOS.	Owner
2.	Remove 3 unused timber paltforms between tracks over Mehring Way including steel support angles.	Owner
3.	Replace missing rivets.	Owner
4.	Replace all steel members with signigicant loss of section, esp bottom brace over Pete Rose Way.	Owner
5.	Remove all utiltiies, pipes, etc from bridge if they are abandoned before they fall into traffic below.	Owner
6.	Clean, repair, and paint all structural steel.	Owner
7.	Remove all loose wood & railroad debris above piers, sidewalks, etc.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3160394

Mitchell Avenue Chessie Overhead **Date Inspected:** 08/16/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 6 N

Signature: R. Reising **Bridge No.:** RAILROAD #33

QA/QC Inspector: BRIAN E. RHODES **Safety Inspection ?** ☑

Signature: Brian Rhodes

Route: MITCH **Unit:** 3401 **Bridge Type** 321 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1970 /

Load Rating Percent 000

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Rusting & pitting; initial LOS & seepage @ pier jts.	2	6
C11. Railing:	Steel spill guard; corr; slight horiz. misalignment @ S fascia, S span.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Extensive seepage of mud from both abutments & water seepage over pier.		
C13. Expansion Joints:	Excessive leaking; open jts. @ pier; mud washing thru @ center & S.	3	4
N58. Deck Summary:	**Ballast pulled back to expose waterproofing membrane.**	**Summary Rating:**	**6**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Closely spaced rolled beams w full length cover plates @ top & bottom flanges; widespread rust & dark surface corr; minor scrapes on BF's; minor impact damage @ sev. Locations, worst @ SW with small dent in BF.	2	6
C16. Diaphragms/X-Frames:	Rust; some rivets replaced with welds.	2	6
C26. Bearing Devices:	Mostly buried w gravel & mud; ext. rusting; stiffener over bearing @ W bent; several anchor bolts lifted; some bearing plates apparently bent (smiling); pier bearing plate @ 3rd beam from E vibrating & clanking under load (not observed in 2021); several nuts not tight.	2	6
C30. Protective Coating System (PCS):	**System:** **Year:** 1970	**PCS Rating:**	0
	Widespread rusting; orange base coat visible, many fins, tears, & scrapes.		
N59. Superstructure Summary:	**Fatigue prone; redundant; slight apparent bending under train loads.**	**Summary Rating:**	**6**
C33. Abutment Walls:	Ext. stains; few vert. full height cracks w isol efflor.; ext. mud seepage esp. @ NW; minor impact scrapes @ N; delams & spall w exp. rebar @ N.	1	7
C36. Pier Walls:	Excessive stains and seepage (esp. E bridge); HL cracks; minor scrapes from impact @ S.	1	7
C40. Wingwalls:	Ballast falling over sides; diag. crack @ NW & SW w efflor; minor spalls and minor concrete crushing between WW & abut @ S.	1	7
N60. Substructure Summary:	**Substructure covered w mud including installed light fixtures.**	**Summary Rating:**	**7**

Bridge Inspection Report | *Safety Inspection*

SFN: 3160394

Mitchell Avenue Chessie Overhead **Date Inspected:** 08/16/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 6 N

Signature: R. Reising

Bridge No.: RAILROAD #33

QA/QC Inspector: BRIAN E. RHODES **Safety Inspection ?** ☑

Signature: Brian Rhodes

C56. Sign Supports: Signs clamped on BF (S fascia). 1 8

C57. Utilities: Comm?; non-continuous conduit @ N (2 locations w exposed wires). 1 7

Utilities On Structure: Y N N N N N N

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **6 N**

Inspection Notes: Top not accessed during 2021 inspection.

General Notes: Bridge #6.81

Recommended Maintenance:		Assigned to:
1.	Clean & paint struct. steel & bearings.	Owner
2.	Seal joints to prevent further seepage & spilling of ballast.	Owner
3.	Remove excess ballast from abut. seats & wingwall.	Owner
4.	Repair electric conduits where separated.	Owner
5.	Secure pier bearing plates and tighten anchor bolt nuts as necessary.	Owner
6.	Clean mud from sidewalks and abutment walls including light fixtures.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3162672

Red Bank Expressway IORY Overhead — **Date Inspected:** 09/24/2021

Inspected by: REINER M. W. REISING, P.E. — **Summary Rating / Operational Status** 7 N

Signature: _____ — **Bridge No.:** RAILROAD #34

Route: REDBK **Unit:** 4531 — **Bridge Type** 363 / NNN (Main/Approach Spans) — **Date Built / Date Rehabbed:** 1970 /

Load Rating Percent 0 — **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Spall & delam near beam @ E; efflorescence @ construction joints @ both abutments; 2 square foot saturated area of long. Jnt. @ W w stalactites nearby.	1	8
C7.2. Edge of Floor:	Trans. cracks w efflor; isol. small spalls over rebar esp @ S(typically 4" in diameter)	1	7
C11. Railing:	Dented; spill guards bent & ineffective (bottom gap too large to prevent ballast from falling through; some horiz. tubes corr, some replaced w smaller dia. tubes; spill guard missing @ NW; SEVERAL RAILING POSTS LOOSE & therefore entire railing is shaking; vegetation growing through rail possibly adding aditional loads.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C13. Expansion Joints:	Leakage @ ends of long. jts, esp. @ W.	2	6
N58. Deck Summary:	**Apparent vegetation on deck.**	**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Widespread surface rust.	1	7
C16. Diaphragms/X-Frames:	Widespread surface rust.	1	7
C24. Lateral Bracing:	Widespread surface rust; 1 missing bolt @ lower gusset plate @ W; 4 rivets of top lateral brace gussets replaced w bolts @ fascia beams @ E (N&S).	1	7
C26. Bearing Devices:	2 anchor bolts loose (lifted) @ E; 4 other anchor bolts apprently missing.	2	6
C30. Protective Coating System (PCS):	**System:** **Year:** 1970 — **PCS Rating:** 0		
	Widespread spot rust esp on flanges; more than 50% failed.		
N59. Superstructure Summary:	**Not fatigue prone, not redundant.**	**Summary Rating:**	**7**
C33. Abutment Walls:	HL cracks @ E, vertical & horiz.; minor spall; seepage @ W; staining on both sides, w excessive moisture @ W.	1	7
C39. Backwalls:	Seepage staining; spalling & delam & spall @ E top, probably as a result of deck crushing on BW @ exp. End; HL vertical cracks in center @ E w moist spot	1	7
C40. Wingwalls:	Very minor HL cracking; spall @ SE.	1	8
N60. Substructure Summary:		**Summary Rating:**	**7**

Bridge Inspection Report | *Safety Inspection*

SFN: 3162672

Red Bank Expressway IORY Overhead

Date Inspected: 09/24/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 N

Signature:

Bridge No.: RAILROAD #34

65. Vertical Clearance: Measured 19'-6"

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: **7 N**

Inspection Notes: South track removed.
Notified Bridge owners (RailAmerica, IORY, G&WO) about condition of railings in the past.
Top not inspected 2021.

General Notes: Bridge #12/96
Mile marker 13 just E of bridge.

Recommended Maintenance:		Assigned to:
1.	REPAIR RAILING AND SPILLGUARDS.	Owner
2.	SECURE RAILING POSTS	Owner
3.	Replace missing bolts of bearings.	Owner
4.	Trim branches & ivy from WW's & railings.	Owner
5.	Remove vegetation from bridge deck to prevent root damage to structure.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3162214

Ridge Avenue IORY Overhead South of Madison

Date Inspected: 06/14/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 N

Signature: R. Reising

Bridge No.: RAILROAD #35

Route: RIDGE **Unit:** 4251 **Bridge Type** 321 / 111 (Main/Approach Spans) **Date Built / Date Rehabbed:** 1958 /

Load Rating Percent 0 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Few HL trans. cracks w efflor; isol. seepage w efflor. along few beams; stalactites forming @ some beam flanges; main span governs rating for floor; (approach spans in very good cond.); widespread scrapes from impact.	1	7
C7.2. Edge of Floor:	Many spalls over all lanes @ S fascia from impact; sev. cracking w efflor. & conc. deter. @ fascia over piers.	2	6
C11. Railing:	Vert. cracks (full height) @ many posts some w efflor; top metal railing rusting (severely); spalls & sev. Conc. Deter.@ bases; veg. growing on railing.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C13. Expansion Joints:	At piers only; seepage; efflor.; jt. filler loose @ several locs; squeezing out @ fascias; very little room for expansion; evidence of leak @ E.	2	6
N58. Deck Summary:		**Summary Rating:**	**7**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Scraped by traffic @ S; rusting @ BF's w widespread minor pitting; minor seepage along beams; intitial LOS @ few beam ends due to packrust esp @ fascias.	2	6
C26. Bearing Devices:	Mostly concealed (partially assumed rating); rubber material squeezed out in some places.	1	7
C30. Protective Coating System (PCS):	**System:** **Year:** 1958	**PCS Rating:**	0
	Ext. rusting w initial LOS.		
N59. Superstructure Summary:	**Redundant; not fatigue prone.**	**Summary Rating:**	**6**
C33. Abutment Walls:	Few vert. HL cracks.	1	8
C37. Pier Caps:	Minor exp. rebar w LOS @ underside of cap @ E pier (low rebar cover); 2 small spalls w exp. rebar; seepage mostly @ E w staining & build up of efflor.; excessive conc. deter. & cracking w efflor. @ all corners. (crushing ASR?)	2	6
C38. Pier Columns:	Minor popouts; staining.	1	8
C40. Wingwalls:	Minor vertical HL cracks; minor popouts & spalling; jt. filler mat'l. disintegrating; lichen @ NW.	1	8
N60. Substructure Summary:		**Summary Rating:**	**6**

Bridge Inspection Report | *Safety Inspection*

SFN: 3162214

Ridge Avenue IORY Overhead South of Madison

Date Inspected: 06/14/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 N

Signature:

Bridge No.: RAILROAD #35

C55. Warning Signs:	VC signs.	1	7
65. Vertical Clearance:	13'-10".	**Vert. Clearance Rating:**	1
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**6 N**

Inspection Notes: Only one track remaining on bridge; E curbs are broken & walks @ E settled; water ponding on walk @ NE;
Top not inspected in 2021; evidence of ponding below bridge, effecting sidewalk.

Recommended Maintenance:		**Assigned to:**
1.	Repair conc portions of railing and piers as necessary.	Owner
2.	Remove vegetation from top of bridge & from around substructure units.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3162265

Ridge Avenue SORTA Overhead North of Madison **Date Inspected:** 10/01/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 N

Signature: _____ **Bridge No.:** RAILROAD #36

Route: RIDGE **Unit:** 4263 **Bridge Type** 363 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1970 /

Load Rating Percent 0 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Some HL trans. cracks; minor spalling @ TF's of beams @ abutments; efflor @ NE & NW.	1	8
C7.2. Edge of Floor:	Many trans. HL cracks w some efflor. mostly under railing panel joints @ new pier; full length hoorizontal cold joint @ deck level on both sides of bridge.	1	7
C11. Railing:	Tarnished; end caps missing; several anchor nuts missing (W); minor impact w exp. rebar @ SW; height of conc. parapet above ballast +/- 31".		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C13. Expansion Joints:	Seepage; rust @ jt. armor below.		
N58. Deck Summary:		**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Several minor scrapes from traffic; minor widespread rusting - esp. @ bottom flanges(2 areas w light pitting); minor pack rust @ beam splices; beams close to backwall (see "BEARING DEVICES"); dark staining & rusting over Ridge Rd; isol. small corr. cells in webs.	1	7
C16. Diaphragms/X-Frames:	LOS under exp. jts.; very minor initial rusting.	1	7
C24. Lateral Bracing:	Very minor initial rusting, no LOS; pigeons droppings.	1	7
C26. Bearing Devices:	Rockers @ abuts. in hot weather mode @ 45 F (slight @ W); bridge leaning towards abutment, (2.625" @ 70 deg, 2.375 @ 45 deg, 2.7" @ 80 deg) @ E.	2	5
C30. Protective Coating System (PCS):	**System:** **Year:** 1970 **PCS Rating:** 4		
	Chalking/fading; some active corrosion at bottom flanges over S bound lanes; isol. small corr. cells in webs.		
C32. Fatigue Prone Details:	Many: lat. bracing gussets; flange transitions, etc; mostly assumed rating.	1	8
N59. Superstructure Summary:	**Fatigue prone; not redundant.**	**Summary Rating:**	**7**
C33. Abutment Walls:	Staining, very minor HL cracking.	1	8
C36. Pier Walls:		1	8
C39. Backwalls:	Stains - especially @ W; minor cracking w efflor. @ W.	1	7
C40. Wingwalls:	Slight mvmt. (jts. opening); jt. mat'l seeping out; minor cracks; minor efflor @ select isol. locations; minor scrapes @ SE.	1	7
N60. Substructure Summary:		**Summary Rating:**	**8**

Bridge Inspection Report | *Safety Inspection*

SFN: 3162265

Ridge Avenue SORTA Overhead North of Madison

Date Inspected: 10/01/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 N

Signature:

Bridge No.: RAILROAD #36

65. Vertical Clearance: 14'-9" measured.

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: **7 N**

Inspection Notes: Bridge appears to be in constant hot weather mode with little room for expansion at both abutments. Top not accessed 2021.

General Notes: Mile marker 9.89 on Oasis Line.

Recommended Maintenance:	Assigned to:
1. Clean & paint steel beams.	Owner
2. Seal railing tubes with end caps.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3162842

Seventh Street C.U.T. Overhead - 1st West of McLean

Date Inspected: 10/05/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 N

Signature: R. Reising

Bridge No.: RAILROAD #37

Route: SEVEN **Unit:** 2921

Bridge Type 321 / (Main/Approach Spans)

Date Built / Date Rehabbed: 1930 /

Load Rating Percent 0

Safety Inspection ? ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Widespread minor honeycombing ocasionally turning into map cracking; HL trans. & long. cracks few w minor efflor.; moist around cracks.	1	7
C7.2. Edge of Floor:	Seepage; cracking w efflor. & dripping @ center jnt.	1	7
C11. Railing:	Ext. surface rust; anchor bolts missing; base plts. deter.; several cast members cracked; E railing utility supports not used & rusting.		

N36. National Safety Feature - Bridge Railing (0, 1 or N): N

N58. Deck Summary: **Deck extends over backwall @ both ends; deck appears to be well vegetated.** **Summary Rating:** **7**

C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Widespread surface rusting without noticable LOS esp. @ TF; minor scrapes (impact) @ BF.	1	7
C16. Diaphragms/X-Frames:	Ext. surface rusting. esp. @ top.	1	7
C26. Bearing Devices:	Not accessible; ext. corr; debris; anchor bolt & beam conn. bolt deter.; initial LOS; covered by mud @ S.	2	6

C30. Protective Coating System (PCS): **System:** **Year:** 1931 **PCS Rating:** 0

Widespread failure.

N59. Superstructure Summary: **Redundant; not fatigue prone.** **Summary Rating:** **7**

C33. Abutment Walls:	Minor vert. cracks esp @ N; seepage & ext stains esp in E half of bridge (from BW); moisture from joint seepage; lichen/moss esp. @ N; leaking through vertical abutment joint esp. @ bottom.	1	7
C34. Abutment Caps:	Excessive dirt & debris accum. @ SE; moist; lichen/moss esp. @ N.	1	7
C39. Backwalls:	Minor horiz. & vert. cracks; seepage w efflor.; excess. leaking from top, esp under E half.	1	7
C40. Wingwalls:	Both E WW's tilted slightly away from abut; excess veg., moss & vines; form tieholes not all plugged @ N.	1	7

N60. Substructure Summary: **Summary Rating:** **7**

Bridge Inspection Report | *Safety Inspection*

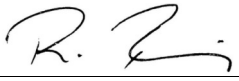
SFN: 3162842

Seventh Street C.U.T. Overhead - 1st West of McLean

Date Inspected: 10/05/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 N

Signature: 

Bridge No.: RAILROAD #37

C55. Warning Signs: Faded sign. 2 5

C57. Utilities: Comm? (rusting utility hangers) in E bay. 2 6

Utilities On Structure: N N N N N N N

65. Vertical Clearance: Posted 13'-6". **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 N**

Inspection Notes: Top not accessed during 2021 inspection; ext. seepage through center long. joint.

Recommended Maintenance:		Assigned to:
1.	Clean & paint structural steel.	Owner
2.	Remove mud from abut. seats & bearings.	Owner
3.	Seal center long. jt and abutment joints that traps moisture.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3162745

Seventh Street Norfolk Southern Overhead - 2nd West of McLean **Date Inspected:** 08/06/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 5 N

Signature: R. Reising **Bridge No.:** RAILROAD #38

QA/QC Inspector: BRIAN E. RHODES **Safety Inspection ?** ☑

Signature: Brian Rhodes

Route: SEVEN **Unit:** 2922 **Bridge Type** 363 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1930 /

Load Rating Percent 0

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Newer wood ties on E bridge; (2013) grated walkway on W bridge replaced former RR track.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
N58. Deck Summary:	**Based on rating of grates on W bridge.**	**Summary Rating:**	**7**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Corr. w initial LOS @ TF & BF's & stiffeners; sig. pack rust on BF @ gussets; TF pitted w rivet deter; scrapes; pack rust causing gap bet. cover plates @ W bridge; few scrapes from impact; (E bridge w tracks in much better condition).	2	5
C16. Diaphragms/X-Frames:	Corr. w LOS @ gusset plts; perf. @ angles (W bridge governs rating).	3	4
C24. Lateral Bracing:	Corr. sometimes w sig. LOS & rivet deter. @ gusset plates; gusset plates perf; rating driven by W bridge.	3	4
C26. Bearing Devices:	Corr; anchor bolts have sev. LOS, some corroded completely away & some are uplifted;	2	5
C30. Protective Coating System (PCS):	**System:** **Year:** 1930	**PCS Rating:**	0
	No apparent coating left.		
N59. Superstructure Summary:	**Not fatigue prone, not redundant; W bridge governs the rating.**	**Summary Rating:**	**5**
C36. Pier Walls:	Cracks; deep corner spalls; extensive conc. deter. @ N & W side of S pier; large delam. areas of concrete under W track.	2	5
C37. Pier Caps:	Spalls (20 sq ft @ S pier, widespread delaminated & unsound conc. (estimated @ 50%) under W tracks); cracks; efflor.; honeycombing; efflor. & stalactites; large delam area's mainly under W tracks.	2	5
N60. Substructure Summary:	**Condition of W bridge S pier governs the rating, E bridge much better; condition of W bridge pier governs the rating**	**Summary Rating:**	**5**

Bridge Inspection Report | *Safety Inspection*

SFN: 3162745

Seventh Street Norfolk Southern Overhead - 2nd West of McLean

Date Inspected: 08/06/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 5 N

Signature: R. Reising

Bridge No.: RAILROAD #38

QA/QC Inspector: BRIAN E. RHODES **Safety Inspection ?** ☑

Signature: Brian Rhodes

C55. Warning Signs:	Sign bent (CSR posted)	3	4
65. Vertical Clearance:	Posted 13'-6" in front of adj. bridge.	**Vert. Clearance Rating:**	1
N59. General Appraisal and Oper. Status:	**W bridge governs rating, E bridge in better condition.**	**General Appraisal / Operational Status:**	**5 N**

Inspection Notes: W line abandoned, ties removed and replaced with grated walkway in 2013; did not attempt to access top of bridge; bearing pedestal in adjacent span (N approach) severely cracked & delaminated and banded w severe LOS of lower pedestal bracing steel bands (not considered for this rating); E bridge over roadway in better condition than adjacent bridge & spans. Bearings in adjacent S span shimmed 2019?; rating is on span over roadway only, adjacent spans appear in worse in condition, esp @ N.

General Notes: Kentucky, 2.3 Conn PASS.

Recommended Maintenance:	**Assigned to:**
1. Clean & paint struct. Steel; repair as necessary.	Owner
2. Clean & paint bearings & replace anchor bolts as necessary.	Owner
3. Clean off debris from bottom flange to prevent corrosion to structural steel.	Owner
4. Plan for conc. repairs to S pier & pier cap.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3162796

Seventh Street Norfolk Southern Overhead - 3rd West of McLean **Date Inspected:** 08/10/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 4 N

Signature: R. Reising

Bridge No.: RAILROAD #39

Route: SEVEN **Unit:** 2923 **Bridge Type** 363 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1930 /

Load Rating Percent 0

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Open floor with newer wood ties on both bridges, active tracks on both sides of the bridge.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Sig. LOS - especially @ TF and top of BF(rivet det); localized severe LOS @ bottom of TF of W beam @ former gussets (18 ft from N pier); stiffeners corr. thru & cracked @ bottom; vertical waves in BF adjacent to some bearings; in this span & adjacent spans.	3	4
C16. Diaphragms/X-Frames:	Corr. w sev. LOS @ gusset plates; several gusset plates appear loose, many perforated; some top horiz. Members removed or perf; several bot. horiz. Members have been splice repaired or completely replaced (one).	3	3
C24. Lateral Bracing:	Mostly ineffective; corr. w severe LOS and perforations @ gusset plates; rivet deter; several angles thru cracked (both bridges); several lower lat. bracing members repaired in 2013; many upper lat. bracing members removed 2013; 3 upper lateral bracing members completely missing.	3	3
C26. Bearing Devices:	Ext. corr. w LOS; anchor bolts have sev. LOS - some completely corroded away; lat. angle braces added to all bearings (for latteral support only); floating bearing @ NE.	3	4

C30. Protective Coating System (PCS): **System:** **Year:** 1930 **PCS Rating:** 0

Ext. corr. w ext. LOS.

N59. Superstructure Summary: **Not fatigue prone; not redundant; TF's essentially no longer braced due to loss of members & LOS to remaining bracing; worst on W bridge (carries traffic).** **Summary Rating:** **4**

C36. Pier Walls:	Form tie hole plugs missing; minor cracks, spalls, & delams; pop outs @ S pier.	1	7
C37. Pier Caps:	Staining.	1	8

N60. Substructure Summary: **Moss growing on piers.** **Summary Rating:** **7**

Bridge Inspection Report | *Routine Inspection*

SFN: 3162796

Seventh Street Norfolk Southern Overhead - 3rd West of McLean

Date Inspected: 08/10/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 4 N

Signature: R. Reising

Bridge No.: RAILROAD #39

65. Vertical Clearance: Bridge adj. has sign for 13'-6" only @ E (Clearance 14'-8").

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 4 N

Inspection Notes: Did not attempt to access top of bridge. Both bridge tracks apparently under active train traffic; abnormal track noise under passing trains, (observed during previous inspection); W bridge condition worse.

General Notes: Kentucky, 2.3 Conn MN.

Recommended Maintenance:		Assigned to:
1.	Replace all missing or damaged bracing members also in approach spans.	Owner
2.	Clean & paint struct. steel, adding new steel & rivets where needed.	Owner
3.	Clean & paint (or regrease) bearings & replace anchor bolts as necessary.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3161870

Sixty-Ninth Street Norfolk Southern Overhead East of Vine

Date Inspected: 05/20/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 N

Signature: R. Reising

Bridge No.: RAILROAD #40

Route: SIXTY **Unit:** 3642 **Bridge Type** 321 / (Main/Approach Spans) **Date Built / Date Rehabbed:** 1938 /

Load Rating Percent 0 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Isol. exp. rebar @ E (minor low cover spalls); staining w few popouts; 1 sqft spall @ NW over pier.	1	7
C7.2. Edge of Floor:	Minor delam. @ SE; ext. map cracking w efflor & stalactites on concrete fascia esp. in approach spans; 2' tall x 3" wide spall @ SW over pier; crumbling & ASR @ NE over abutment; apparent delams over walks, esp @ NW; spall & loose conc over SW pier @ top of railroad.	2	5
C11. Railing:	Steel railing @ W only, ext. rusting of steel tubes w isol. perforations; conc rail @ E crumbling & delam @ approach spans; spall and loose concrete over SE pier @ top of railing.	2	6

N36. National Safety Feature - Bridge Railing (0, 1 or N): N

N58. Deck Summary: **Summary Rating:** **7**

C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Widespread rusting, initial corrosion (esp in approach spans); minor scrapes from impact.	2	6
C16. Diaphragms/X-Frames:	Rusting; initial corr.	2	6
C26. Bearing Devices:	Continous steel beam w two anchor bolts per pier; ext. rusting; initial LOS @ fascias; minor deformation @ anchor bolts; debris accum. from seepage.	2	6

C30. Protective Coating System (PCS): **System:** **Year:** 1951 **PCS Rating:** 0

Ext. rusting.

N59. Superstructure Summary: **Redundant; not fatigue prone.** **Summary Rating:** **6**

C33. Abutment Walls:	Full height vert. cracks; map cracking w little efflor. - @ corners @ S; widespread HL cracks; minor popouts.	2	6
C34. Abutment Caps:	Isol vert. cracks; map cracking w buildup of efflor @ corners; debris(mud) @ N.	2	6
C37. Pier Caps:	Minor cracks; water stains; RR spikes, ballast, & ext seepage(mud) on pier cap; minor spalling; isol exp. reinf. under piercap @ SE (low cover).	1	7
C38. Pier Columns:	Minor cracks; impact damage & scrapes @ E; minor popouts.	1	7
C39. Backwalls:	Mostly concealed, (assumed rating).	1	7
C40. Wingwalls:	Isol. areas of map cracking w build up of efflor; lichen/staining.	2	6

N60. Substructure Summary: **Seepage @ abut. & piers.** **Summary Rating:** **6**

Bridge Inspection Report | *Safety Inspection*

SFN: 3161870

Sixty-Ninth Street Norfolk Southern Overhead East of Vine

Date Inspected: 05/20/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 N

Signature: R. Reising

Bridge No.: RAILROAD #40

C55. Warning Signs:	No signs @ SE, SW from Lebanon street. (VC measured in 2017 to be 13.97')	4	2
C57. Utilities:	Utility line on E face of bridge.	1	7

Utilities On Structure: U U U U U U U

65. Vertical Clearance: Posted 13'-9" (@ W), measured 14'-0"; E sign (13'-6") down in 2020 **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: **6 N**

Inspection Notes: Leakage over piers (mud & water) esp @ N with mud puddle on sidewalk.
Sidewalk sunken between pier columns in relation to curb.
New (2020) curb @ SW.

Recommended Maintenance:		**Assigned to:**
1.	Clean & paint structural steel & bearings.	Owner
2.	Remove loose concrete @ fascias railings esp @ E & bottom @ NW, before it falls onto roadway and/or sidewalk below.	Owner
3.	Remove bricks & debris from pier caps.	Owner
4.	Add vertical clearance signs on all approach roads.	Traffic
5.	Clean mud & debris from sidewalks.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3162028

Spring Grove Avenue Chessie Overhead North of Mitchell Avenue **Date Inspected:** 06/01/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 3 N

Signature: R. Reising **Bridge No.:** RAILROAD #41

Route: SPRNG **Unit:** 447 **Bridge Type** 364 / 321 (Main/Approach Spans) **Date Built / Date Rehabbed:** 1970 /

Load Rating Percent 0 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Steel deck in main span: rusted drain holes/heavy pitting in steel plates & TF of FB over road & s/w @ S; most angles connecting the walkway plates to the beams have dropped on floor beams esp in N most span, s/w capactity compromised with sidewalk vibrating under train traffic. Wood ties on end spans: wood plank floor @ far ends of bridge, some planks mis-aligned, some have moist stains in N span; spill guards in approach spans leaning outward from excess ballast & wood det.; some wood ties @ SW not resting on BF.	3	4
C11. Railing:	Thru girder serves as railings over road; cable railing for end spans attached to spill guard beam (all leaning outwards from excess ballast); SE approach hand railing has excessive tilt, appears in danger of falling.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Water dripping; clogged pipes @ NE, SE, & SW - draining onto pier seats; drain holes @ S pier located over floor beam.	3	3
C13. Expansion Joints:	Ext. debris behind beams @ abut.; sev. Leakage with mud running down backwalls.	3	4
N58. Deck Summary:	**Summary Rating:**		**4**
C14. Alignment of Members:	Bottom lateral bracings & corresponding gussets in N approach span deformed.	2	6
C15.1. Beams/Girders:	Widespread surface rust; initial LOS @ exp. jt. & TF's in approach spans; scrapes on BF in main spans; corr. on fascia web @ elevation of floor plates. Crack in web NW approach beam over N pier repaired (2015) w plates; top gussets "indented" into web @ approach spans esp @ NW (can be seen from other side of beam); W beam BF on N approach span slightly wavy near N abutment; top lateral gusset plates "impressed" into beam webs of N approach span; both BFs slighty wavy near S abutment.	2	6
C16. Diaphragms/X-Frames:	Paint flaking; rust; initial LOS @ exp. jts.; several deformed members in N approach span.	2	5
C18. Floor Beams:	Widespread rust; some scrapes from impact; initial LOS; corr. @ S under drain hole & over N pier.	2	6
C24. Lateral Bracing:	Paint flaking; rust; debris buildup on gusset plates; bolts missing on some gusset plates. 3 bracing members in N approach span deformed.	2	6
C25. Sway Bracing:	Not visible from below.		
C26. Bearing Devices:	Ext. corr; debris accum; many anchor bolts bent & lifted, some are missing; completely covered w mud @ abuts; SW anchor bolt severly tilted; floating bearing @ NW approach, apparently no contact even undertrain loads (indicating a highly unengineered loadpath), beam moving considerably under loads; N abutment bearing appears to be floating as indicated by beam movement despite mud cover; several bolts connecting main span beams to bearings are missing.	3	3
C30. Protective Coating System (PCS):	**System:** **Year:** 1970 **PCS Rating:**		0

Bridge Inspection Report | *Safety Inspection*

SFN: 3162028

Spring Grove Avenue Chessie Overhead North of Mitchell Avenue **Date Inspected:** 06/01/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 3 N

Signature: _____ **Bridge No.:** RAILROAD #41

Widespread rust; flaking; initial LOS @ isol. locs; some area's sprayed white in 2018.

C32. Fatigue Prone Details:	Cracking in N approach span (plated in 2015), currently no cracks detected but movement of beam over bearings indicate potential for future cracking; top gussets "indented" into web @ approach spans esp @ NW; many bracing members in this area are bent.	1	7

N59. Superstructure Summary: **Fatigue prone; not redundant; bearings controlling the rating due to concern about beam movement causing unintended load path & potential cracking. There appears to be movement at abutment bearings as well, but they are concealed by thick layers of mud.** **Summary Rating:** **3**

C33. Abutment Walls:	Stub abuts; covered with mud.	1	7
C37. Pier Caps:	Debris accum; seepage; staining; drain pipe @ S pier empties over pier seat; exp. rebar d/t low cover @ bottom of center pier; vert. HL shrinkage cracks; spalling @ top of N pier.	1	7
C38. Pier Columns:	Random cracking.	1	8
C39. Backwalls:	Covered w mud.	1	7
C40. Wingwalls:	Erosion d/t steep banks; undermining @ SE, NE.	1	8
C43. Slope Protection:	Conc. only under bridge; excessive mud & debris.	1	8

N60. Substructure Summary: **Excessive mud spilling over backwalls concealing abutments including bearings.** **Summary Rating:** **7**

C4. Embankment:	Erosion & ballast spill over; undermining of WW @ SE & NE.	2	5

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):

C6. Approaches Summary: **Summary Rating:** **5**

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **3 N**

Inspection Notes: Crack in approach span web repaired (plated) 2015. Top of bridge not accessed for this inspection. Condition of bearing and walk support angels was brought to CSX attention multiple times.

General Notes: Bridge # 6.94.

Recommended Maintenance:		**Assigned to:**
1.	Repair N approach bearings before new cracks develop in beams.	Owner
2.	Clean up mud spill from both abutments & pier seats so proper bearing seating can be confirmed.	Owner
3.	Remove/reattach/replace support angles for the walkway plates connecting walkway to the beams.	Owner
4.	Remove excess ballast from approach spans & repair railings.	Owner

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 3 N

Signature: _____ **Bridge No.:** RAILROAD #41

5.	Clean & paint structural steel.	Owner
6.	Replace missing bolts attaching W beam to bearings over center pier.	Owner
7.	Reset SE approach railing before it falls.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3162079

Spring Grove Avenue Chessie Overhead South of Ralston **Date Inspected:** 06/29/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 3 N

Signature: R. Reising **Bridge No.:** RAILROAD #42

Route: SPRNG **Unit:** 230 **Bridge Type** 364 / (Main/Approach Spans) **Date Built / Date Rehabbed:** 1920 /

Load Rating Percent 0 **Safety Inspection ?** ☑

Inspection Information	Rating 1 to 4	Rating 9 to 0
C7.1. Floor: (Only the area between floor beams): Widespread corr. w LOS; severe @ girders; efflor; seepage.	2	5
N36. National Safety Feature - Bridge Railing (0, 1 or N): N		
C12. Drainage: Pipes cracked/broken w most sections missing - leaking onto piers & structural steel members.	4	0
N58. Deck Summary: **Summary Rating:**		**5**
C14. Alignment of Members:	1	8
C15.1. Beams/Girders: Widespread corr. w severe LOS of BF's - esp. @ piers; widespread scrapes/impact damage to BF; pack rust separating cover plates, esp under FB's; pack rust @ BF's worst @ center beam; efflor & stalactites.	3	4
C18. Floor Beams: Widespread corr. w severe LOS - especially @ beam connections & @ bearings (isol. Perforations of webs @ connections); efflor; rivet deter; widespread stalactites esp. @ SE indicating seepage through deck and FB's.	3	3
C25. Sway Bracing: (Not accessible).		
C26. Bearing Devices: Ext. corr. w LOS; corr. & ballast inhibit exp; roller assemblies rusted together; most retainers cracked - some all the way through - &/or rusted w LOS.	3	3
C30. Protective Coating System (PCS): **System:** **Year:** **PCS Rating:**		0
N59. Superstructure Summary: **Not fatigue prone, not redundant.** **Summary Rating:**		**3**
C33. Abutment Walls: Gen. deter.; areas where leaking water washed out mortar jnts & isol. masonry fracture, esp. @ W; ivy@ NE.	2	6
C34. Abutment Caps: Vert. cracks; spalls; conc. deter; ext. accum. of ballast @ corners.	2	6
C36. Pier Walls: Widespread conc. deter.; spalling, cracking, exp. rebar w LOS, delam; worst areas @ noses & under columns.	3	4
C38. Pier Columns: Ext. LOS; center pier bracing - 100% LOS; pack rust separating gussets w rivets failed @ E pier; apparent missing fasteners @ pier to beam connection; bracing @ center pier no longer effective (100% LOS @ each end); sev. rivet & bolt det. esp @ gussets where most rivets are failed (top of columns).	3	3
C39. Backwalls: Vert. cracks w efflor; conc. deter; staining.	2	6
C40. Wingwalls: Gen. stone & mortar deter; ext. deter. of conc. caps & stalactites - part. @ NE & SW; ballast & debris spilling over top & corners; bush growing from WW @ NE.	2	5
N60. Substructure Summary: **Pier column bracings no longer effective esp @ center pie rating based on condition of column bracing.** **Summary Rating:**		**3**

Bridge Inspection Report | *Safety Inspection*

SFN: 3162079

Spring Grove Avenue Chessie Overhead South of Ralston

Date Inspected: 06/29/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 3 N

Signature: R. Reising

Bridge No.: RAILROAD #42

C55. Warning Signs: 1 8

C57. Utilities: Comm?; some utility hangers loose; exposed wires dangling @ center pier. 2 5

Utilities On Structure: Y N N N N N N

65. Vertical Clearance: Posted 13'-6" (neighboring overpass is actually lower). **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **3 N**

Inspection Notes: Top not accessed during this inspection.

General Notes: Bridge 4.98.

Recommended Maintenance:		Assigned to:
1.	Repair & secure bracing of center pier before members fall into traffic.	Owner
2.	Clean, repair, and repaint structural steel.	Owner
3.	Repair bearings where pin casings are cracked or bearings are frozen.	Owner
4.	Repair delam/spalled conc. @ piers.	Owner
5.	Repair structural steel esp. pier bracings & pier columns including connection.	Owner
6.	Remove all shedded conc., steel, & rust from walls, gutters, & curbs.	Owner
7.	Replace broken, perforated or missing drainage pipes.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3161641

Spring Grove Avenue Norfolk Southern Overhead South of Ralston **Date Inspected:** 11/03/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 N

Signature: _____ **Bridge No.:** RAILROAD #43

Route: SPRNG **Unit:** 229 **Bridge Type** 321 / (Main/Approach Spans) **Date Built / Date Rehabbed:** 1995 /

Load Rating Percent 0 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Metal decking covered w conc; slight isol. efflor. on metal decking.	1	8
C7.2. Edge of Floor:	Vert. cracks w efflor. @ vert. portion of fascia.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C13. Expansion Joints:	Apparent leaking @ abutments esp @ W.	1	7
N58. Deck Summary:		**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	6 closely spaced W27 X 194 beams; many scrapes @ BF's d/t truck traffic impact - (mostly small notches) in BFs & accumalating scrapes in webs; widespread surface corrosion in 3 S most beams of spans 1 & 2 from E; active corr. w minor pitting starting from scrapes @ BF's; object (bolt?) embedded into beam over outbound lane (impact).	1	7
C16. Diaphragms/X-Frames:		1	8
C26. Bearing Devices:	Bronze sliding type; some initial corr. - part. @ NW; slight staining; not all bearings have seismic angles; rust initiating @ seismic angles; seismic angle @ S fascia over main span on W pier appears to have thinned & bent.	1	8

C30. Protective Coating System (PCS): **System:** **Year:** 1996 **PCS Rating:** 4

Ext. damage to paint film d/t impact/scrapes on BF & fascia webs; surface corr. @ 3 S most beams in span 1 & 2 from E.

N59. Superstructure Summary:	**Redundant; not fatigue prone.**	**Summary Rating:**	**7**
C33. Abutment Walls:	Sev. stained (mud from top); HL cracks @ W.	1	8
C36. Pier Walls:	Minor HL cracking; some scrape marks; anti-graffiti coating peeling @ several locations; staining.	1	8
C37. Pier Caps:	Staining	1	8
C39. Backwalls:	Seepage onto abutment @ W; vert HL crack w seepage @ SE.	1	8
C40. Wingwalls:	SW WW bulging where sheet piles meet conc; 3" offset 4' above ground; backfill falling out; vert. cracks @ SW.	1	8
C43. Slope Protection:	Concrete; holes @ some jnts.	1	7
N60. Substructure Summary:	**Bugholes in concrete members.**	**Summary Rating:**	**8**

Bridge Inspection Report | *Safety Inspection*

SFN: 3161641

Spring Grove Avenue Norfolk Southern Overhead South of Ralston **Date Inspected:** 11/03/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 N

Signature: _____ **Bridge No.:** RAILROAD #43

C55. Warning Signs:		1	8
65. Vertical Clearance:	13'-6" Warning signs & flashing lights; measured 13'-8".	**Vert. Clearance Rating:**	1
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**7 N**

Inspection Notes: Top not accessed during this inspection; obvious continuing impact from vehicles.

Recommended Maintenance:		**Assigned to:**
1.	Seal joint between wingwall @ steel piles @ SW.	Owner
2.	Consider painting at minimum BF & fascia webs.	Owner
3.	Replace conduit of yellow flashing warning light @ E pier.	Owner
4.	Remove impact event objects from beams.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3162435

Stanley Avenue SORTA Overhead **Date Inspected:** 06/28/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 5 N

Signature: _____ **Bridge No.:** RAILROAD #44

Route: STANL **Unit:** 4093 **Bridge Type** 321 / (Main/Approach Spans) **Date Built / Date Rehabbed:** 1917 /

Load Rating Percent 0 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	LOS @ first bay from fascias (2 out 12 bays); re-painted (2007); sev pitting around holes in first bay from N (drain holes?); otherwise no deficiency	2	6
C7.2. Edge of Floor:	Honeycombing @ N; spall @ railing post @ N; steel fascias w sev pitting & LOS; rivet deter; widespread staining from water runoff; (timber @ S fascia det. w/plants growing out of lagging; space between top of beam and bottom of lagging keeps moisture and promotes section loss; minor impact to steel fascia at N (bent flange corroding at impact location).	3	4
C11. Railing:	New CLF @ N & S; 1 fence post base partially exp @ N (conc spall).		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
N58. Deck Summary:	**Summary Rating:**	**6**	
C14. Alignment of Members:	Both fascia beams warping slightly (impact @ N)	1	7
C15.1. Beams/Girders:	Repainted (2007); severe LOS w heavy pitt. @ bearing loc. Over piers; deck holding water; seepage @ plate connections as evident from stalactites; new efflor. & rust @ bottom angles; stalactites forming; impact over S bound lanes @ 2 beams; governed by fascia beams.	2	5
C16. Diaphragms/X-Frames:	Some bent.	1	7
C30. Protective Coating System (PCS):	**System:** **Year:** 2007 **PCS Rating:** 7		
	Corr. arrested by painting; minor chalking on fascias; some active corr. esp. over pier.		
N59. Superstructure Summary:	**Redundant; not fatigue prone.** **Summary Rating:**	**5**	
C33. Abutment Walls:	Cracking esp @ E (many horiz.) w seepage & ext. efflor, esp. W; few delams (patched & coated).	2	5
C34. Abutment Caps:	Ext. wider horiz. mapcracking w seepage & , leakage esp @ W with heavy efflor (possible ASR?); patched & coated (2007); stalactites.	2	5
C36. Pier Walls:	Conc. @ bottom of piers w spalls @ former stud locations.	2	6
C37. Pier Caps:	Ext. pitting; rivet deter; repainted (2007); stalactites forming; active corr. @ TF's; heavy leaking from cantilever plates (top of pier seat for outer beams) several days after rain, with plates showing heavy pitting.	2	5
C38. Pier Columns:	Bottom conc. encased (2007) w little cracking; upper portion steel w isol. corrosion.	1	7
C40. Wingwalls:	Ext. cracking w seepage & efflor; wall cap @ E has ext. cracking; coated (2007); SE wall @ Stacon St. leans (not considered for rating); vertical crack & spall @ NE adjacent to abutment. {opening @ top 3.75" & 1.5" @ bottom}	2	6
N60. Substructure Summary:	**Summary Rating:**	**5**	

Bridge Inspection Report | *Safety Inspection*

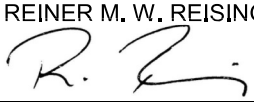
SFN: 3162435

Stanley Avenue SORTA Overhead

Date Inspected: 06/28/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 5 N

Signature: 

Bridge No.: RAILROAD #44

65. Vertical Clearance:

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: **5 N**

Inspection Notes: Top not accessed 2021

General Notes: Mile Marker 4.11 on Oasis Line.

Recommended Maintenance:	Assigned to:
1. Seal deck to keep water out of bridge.	Owner
2. Remove vegetation from top of bridge.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3162133

Tennessee Avenue IORY Overhead East of Reading Road **Date Inspected:** 07/28/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 N

Signature: _____ **Bridge No.:** RAILROAD #45

Route: TENES **Unit:** 3793 **Bridge Type** 364 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1959 /

Load Rating Percent 0 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Conc. deck; isol. cracking w minor efflor @ beam interface; traces from plastic form liner.	1	7
C7.2. Edge of Floor:	Widespread long. cracking w efflor. & stalactities (outer 6" of overhang & @ face of fascia beam).	2	6
C11. Railing:	Ext. rusting.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C13. Expansion Joints:	Seepage; ext. efflor., stalactites & stalagmites & moss @ pier locs.	2	5

N58. Deck Summary: **Minor deck crushing @ abut corners (top of deck).** **Summary Rating:** **7**

C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Widespread surface rusting/minor pitting; girders attached to BW; slight LOS on rivet heads; minor scrapes/impact damage; LOS of web under long. jt. (minor pitting); one bolt sheared off at S beam connection over pier.	2	6
C18. Floor Beams:	Minor rusting throughout; minor pitting.	2	6
C26. Bearing Devices:	Rusting.	1	7

C30. Protective Coating System (PCS): **System:** **Year:** 1959 **PCS Rating:** 0

Widespread failing of paint.

N59. Superstructure Summary: **Not fatigue prone, not redundant; possible slight movement of beams @ midspan when under load.** **Summary Rating:** **6**

C33. Abutment Walls:	Vert. cracks w 1 location of buildup of efflor @ W; seepage & ext. staining; lichen.	1	7
C37. Pier Caps:	Minor flex. HL cracks @ bottom of pier caps w minor efflor. @ S most arch; stains; vertical const. jnts. @ both ends of pier cap 4.5' tall w slight efflor & HL cracking below.	1	8
C38. Pier Columns:	Vert. HL cracks.	1	8
C39. Backwalls:	BWs attached to beams (semi-integral); widespread seepage/stains & dampness & build-up of efflor. esp. @ W; spall @ SW beam connection.	2	6
C40. Wingwalls:	Map cracking; efflor. W seepage & stalactites @ NE; lichen.	1	7

N60. Substructure Summary: **Summary Rating:** **7**

Bridge Inspection Report | *Safety Inspection*

SFN: 3162133

Tennessee Avenue IORY Overhead East of Reading Road

Date Inspected: 07/28/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 N

Signature: R. Reising

Bridge No.: RAILROAD #45

65. Vertical Clearance: Measured 14'-8".

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: **6 N**

Inspection Notes: Slight vert. movement of beams near midspan under train loading (historical observation).
Top not accessed during 2021 inspection.

General Notes: Bridge # 959.

Recommended Maintenance:	Assigned to:
1. Clean & paint structural steel, railing & bearings.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3162141

Tennessee Avenue Norfolk Southern Overhead West of Reading Road **Date Inspected:** 07/27/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 3 N

Signature: R. Reising **Bridge No.:** RAILROAD #46

QA/QC Inspector: BRIAN E. RHODES

Signature: Brian Rhodes

Route: TENES **Unit:** 3791 **Bridge Type** 364 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1944 /

Load Rating Percent 0

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Open ties - splitting, rotting, severe lumber deter. & plant growth in timber.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
N58. Deck Summary:	**Advanced timber deter.; veg. growing in ties on deck.**	**Summary Rating:**	
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Widespread rusting w initial LOS & isol. rivet deter (3 missing @ FB gussets); scrapes @ BF of thru girder; paint flakes/debris accum. on BF - esp. @ gusset plates; graffiti; minor scrape marks @ BF.	2	6
C17. Stringers:	Widespread rusting w initial LOS - part. @ floor beam conn.; NE stringer not bearing @ abutment.	2	5
C18. Floor Beams:	Widespread rusting w initial LOS & rivet deter; TF pitting (top side); end FB have perf. flanges over abut. & missing rivets @ obtuse connections.	2	5
C24. Lateral Bracing:	Widespread corr. w initial LOS, pack rust @ connection to stringer; some rivets completely deter.; several stringer connections apparently compromised (not fully connected) or failing.	2	5
C25. Sway Bracing:	Widespread rusting; some rivet head deter; isolated pack rust.	2	6
C26. Bearing Devices:	Sev. LOS @ anchor bolts, some lifted, some completely rusted thru; exten. corr. inhibiting exp; wood bearing pads rotten/deter; SW roller assembly failed & settled approx. 1"; exp. bearings @ S out of place beyond recall; NE stringer missing bearing block.	4	1
C30. Protective Coating System (PCS):	**System:** **Year:** 1971 **PCS Rating:** 0		
	Widespread rusting w initial LOS; paint is mud cracking & flaking off.		
N59. Superstructure Summary:	**Not fatigue prone, not redundant; partially assumed rating since inspection from ground level only.**	**Summary Rating:**	**5**
C33. Abutment Walls:	Ext. stone & conc. deter; spalls; widespread map cracks @ S w efflor & conc. det. (ASR); stone deter more than 1/3 of depth. (greater than 1 ft)	3	3
C34. Abutment Caps:	Ext. conc. deter. (crumbling); slightly undermined @ SE; vert. cracks; veg. growing.	3	4
C39. Backwalls:	Mostly concealed: cracks; spalling; ext. conc. deter; efflor.	3	4

Bridge Inspection Report | *Routine Inspection*

SFN: 3162141

Tennessee Avenue Norfolk Southern Overhead West of Reading Road **Date Inspected:** 07/27/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 3 N

Signature: R. Reising **Bridge No.:** RAILROAD #46

QA/QC Inspector: BRIAN E. RHODES

Signature: Brian Rhodes

C40. Wingwalls:	Cracks w efflor. & sev. conc. deter (severe alcali-silica reaction @ S); newer WW w vert. crack @ NW, leaning outwards 2" at top; severe diag. crack @ SE WW.	2	5

N60. Substructure Summary: **Summary Rating: 3**

C4. Embankment:	Former lagging @ SW failed.	2	5

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** 3 N

Inspection Notes: Bridge no longer in use. Wires (telephone) touching BF beams. Top not accessed during 2021 inspection.

General Notes: Cincinnati Belt Line - Milepost 2.18

Recommended Maintenance:		**Assigned to:**
1.	Remove bridge if no longer needed.	Owner
2.	Repair concrete & masonry @ abutments & wingwalls.	Owner
3.	Remove deter. wooden ties before they fall onto traffic.	Owner
4.	Secure lateral bracing members where connections failed.	Owner
5.	Replace missing bearing block for stinger @ NE.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3162826

Victory Parkway SORTA Overhead **Date Inspected:** 10/26/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 X

Signature: R. Reising **Bridge No.:** RAILROAD #47

Route: VCTRY **Unit:** 3692 **Bridge Type** 363 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1974 /

Load Rating Percent 000 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Few minor trans. cracks; water sat. - @ inlets; cracking w severe build-up of efflor. @ scupper penetrations.	1	8
C7.2. Edge of Floor:	Trans cracks some w efflor & seepage @ jts (fascia edge of floor governs ratings), stalactities @ beam ends; staining under railing joints; small spall w exp rebar over pier @ W; 2 diag cracks @ NW w efflor buildup, reflective of curb cracks.	1	7
C9. Curbs/Sidewalks:	Exp. mat'l falling out; seepage @ jts. & fascia; crack & delam. over pier (W).	1	7
C10. Median:	Minor spalling; isol (1 location) mapcracking w efflor (ASR?); exp. rebar; waterproofing no longer securely adhering to median.	1	7
C11. Railing:	Metal portion removed; full height crack over pier @ W.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	8 inlets w d/s; some d/s clogged; rusting; drains @ pier& N end are overflowing from bell housing causing corr. of SUPERSTRUCTURE {w constant drip during dry period}; efflor. & stalactites build-up @ bell housings.	3	4
C13. Expansion Joints:	Open joints; seepage; ballast falling thru open long. jt.	1	7
N58. Deck Summary:		**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Minor scrapes (impact over E bound traffic); intial rusting @ exp. jts. & beam ends w initial LOS - esp. around inlets; spot rust elsewhere; isol. minor rusting along TF; isol. small corr. cells in webs.	1	8
C16. Diaphragms/X-Frames:	Surface corr: esp. @ abut. expansion joint.	1	7
C24. Lateral Bracing:	Paint fading; initial corr. & build up of efflor. @ exp. jts. - esp. gussets below inlets.	1	7
C26. Bearing Devices:	S abut. rockers in hot weather exp. mode; loose nuts @ center pier; pad shifted from under masonry plate @ pier (E end); debris.	1	7

C30. Protective Coating System (PCS): **System:** **Year:** 1974 **PCS Rating:** 4

Widespread chalking, fading,; isolated peeling/flaking,(based on overall quantity not LF), scrapes from impact in S span; most defects limited to bracing diaphrams & BF's of beam; many very small corr. cells in webs.

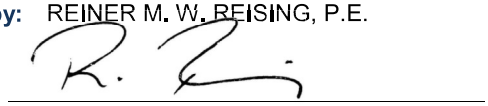
N59. Superstructure Summary:	**Fatigue prone, not redundant.**	**Summary Rating:**	**8**
C33. Abutment Walls:	Seepage from above; staining, esp. @ N; few minor HL cracks; accum. of random debris @ bearings.	1	8
C37. Pier Caps:	HL cracks w efflor; staining; slight debris accum; some exp. rebar & embedded nails @ bottom of form work d/t low cover.	1	7
C38. Pier Columns:	Minor cracks; stains; many small bug holes; scrape marks from impact.	1	8

Bridge Inspection Report | *Safety Inspection*

SFN: 3162826

Victory Parkway SORTA Overhead **Date Inspected:** 10/26/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 X

Signature:  **Bridge No.:** RAILROAD #47

C39. Backwalls:	Seepage from above.	1	8
C40. Wingwalls:	Slight opening of jts; cracks w efflor; very minor backfill mat'l coming out of jts esp @ NE; minor popouts; exp. rebar (low cover @ NW); minor cracking w efflor. @ NE.	1	7

N60. Substructure Summary: **Summary Rating:** **7**

65. Vertical Clearance: 15'-0". **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status:	**Half of bridge to be converted to trail bridge during Wasson Phase 6, hold off maintenance until trail conversion.**	**General Appraisal / Operational Status:**	**7 X**

Inspection Notes: No tracks on bridge; top of bridge not inspected 2021.

Bridge Inspection Report | *Safety Inspection*

SFN: 3199943

Wenner Street Pedestrian Tunnel Under SORTA **Date Inspected:** 08/10/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 7 N

Signature: R. Reising

Bridge No.: RAILROAD #48

QA/QC Inspector: WILLIAM J. SHEFCIK, P.E. **Safety Inspection ?** ☑

Signature: William Shefcik

Route: **Unit:** **Bridge Type** 1B4 / **Date Built / Date Rehabbed:** 1917 /

Load Rating Percent **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N): N			
C44. Culvert - General:	Coated white inside 2020, and murals added to walls in 2021; minor spalling and delaminations w some exp. rebar; long. cracking in N half of tunnel floor with buildup of efflor; 4 trans cracks w efflor. within 5 ft segment in center of tunnel floor; HL crack around entire perimeter of tunnel in center (shrinkage?); floor breaking up & cracking @ N end {+/- 2ft} and @ S end {+/- 3ft}. Step added at N in 2021 covering 2 ft of original tunnel floor.	1	7
C45. Culvert - Alignment:		1	8
C48. Culvert - Head/End Walls:	Coated 2020/2021: Cracking w buildup of efflor.; delaminated areas at corners.	2	6
N60. Culvert Summary:	**Ext. concrete deterioration and deep concrete spalling S of tunnel at extension of wall at Eastern (not considered for this report)**	**Summary Rating:**	**7**

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 N**

Inspection Notes: Span is only 6 ft wide; light installed in tunnel 2020.
New (2021) additional step at N end of tunnel concealing broken up floor.
New (2021) landscaping on top of tunnel.

General Notes: Between Eastern & Walworth.
Only S track in use.

Bridge Inspection Report | *Safety Inspection*

SFN: 3199943

Wenner Street Pedestrian Tunnel Under SORTA

Date Inspected: 08/10/2021

Inspected by: REINER M. W. REISING, P.E.

QA/QC Inspection? ☑

Summary Rating / Operational Status 7 N

Signature: R. Reising

Bridge No.: RAILROAD #48

QA/QC Inspector: WILLIAM J. SHEFCIK, P.E.

Safety Inspection ? ☑

Signature:

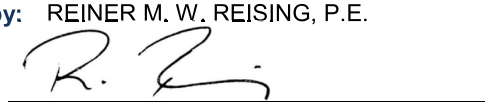
Recommended Maintenance:	Assigned to:
1. Repair tunnel floor @ both ends where delaminated.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3160491

Whetsel Avenue IORY Overhead **Date Inspected:** 06/08/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 3 N

Signature:  **Bridge No.:** RAILROAD #49

Route: WHETS **Unit:** 4763 **Bridge Type** 364 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1915 /

Load Rating Percent 0 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Corr. w LOS, esp. @ beam interface; sig. dripping thrrough deck at beam lines.	2	5
C11. Railing:	Thru girders serve as railings.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
N58. Deck Summary:	**Summary Rating:**		**5**
C14. Alignment of Members:	N beam @ E end slightly out of plumb - 3/8" in 4'; impact damage to 2nd beam @ top, stiff. bent @ N.	1	7
C15.1. Beams/Girders:	Scrape marks & LOS on BF; rivet deter; corr; sev. LOS on some webs @ interface w ballast & conc, with several through holes @ S; build up of stalactites on BF's under FB's; building up of stalactites on sidewalk below; dripping from all beams leaving clear marks and initial stalagmites on pavement below.	3	4
C18. Floor Beams:	Built-up of several steel profiles: Widespread efflor. w stalactites; corr. w LOS plate interfaces; rivet deter.; sev seepage at interface with beams.	3	4
C25. Sway Bracing:	LOS @ ballast interface @ S mostly limited to the web of sway bracing.	2	6
C26. Bearing Devices:	Corr., many frozen bearings ; initial LOS; anchor bolt deter.	3	4
C30. Protective Coating System (PCS):	**System:** **Year:** 1960 **PCS Rating:**		2
	Fascias repainted 2010; widespread active corr. below deck.		
N59. Superstructure Summary:	**Not fatigue prone, not redundant.** **Summary Rating:**		**4**
C33. Abutment Walls:	Considerable stone delam. & spalling - esp. @ W abut., some +/- 1/3 of stone depth; mortar deter; newly coated (2011); several stone faces that are not crumbling are delaminated (+/- 50% @ W); continuing stone deter., esp. @ bottom of walls; leakage through abutment stones.	3	3
C34. Abutment Caps:	Top masonry course different stone types, granite under bearings in good condition elsewhere; several areas of sev. stone deterioration; several blocks undermined, worst @ W; 1 missing block.	3	3
C39. Backwalls:	Cracking full height; some map cracking w ext. seepage & efflor. - esp. @ W; deter; spalls; staining.	3	4
C40. Wingwalls:	See ABUTMENT WALLS; wider (+/-1") full height crack @ SE facing Erie Ave; overgrown with poison Ivy.	3	3
N60. Substructure Summary:	**Abutments possibly recoated 2019. Continued stone deterioration.** **Summary Rating:**		**3**

Bridge Inspection Report | *Safety Inspection*

SFN: 3160491

Whetsel Avenue IORY Overhead

Date Inspected: 06/08/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 3 N

Signature: R. Reising

Bridge No.: RAILROAD #49

C55. Warning Signs:	Bent @ S.	1	7
65. Vertical Clearance:	Posted 13'-0"; measured 13' 2" (8-15-19).	**Vert. Clearance Rating:**	1
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**3 N**

Inspection Notes:
Only one track left on bridge.
New wearing surface below bridge 2019 (damaged at S in 2021 with several apparently drilled holes in S bound lane at center).
Top not accessed in 2021

	Recommended Maintenance:	Assigned to:
1.	Remove & repair loose stone faces from abutments & WW's & perform ext masonry repairs.	Owner
2.	Remove loose fallen stone debris from sidewalks.	Owner
3.	Repair girder webs & sway bracing.	Owner
4.	Cut trees behind WW's pushing wall toward sidewalk; remove poison Ivy from wingwalls.	TROD
5.	Consider securing embankments (replace timber lagging) where ballast slides onto walks.	Owner
6.	Repair waterproofing to prevent further det. of bridge members.	Owner

Private Bridges

Bridge Inspection Report | *Safety Inspection*

SFN: 3199803

Approach to Newport Southbank Bridge over Former Front Street **Date Inspected:** 11/04/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 3 K

Signature: _____

Bridge No.: PRIVATE #01

Route: **Unit:** **Bridge Type** 321 / 055 (Main/Approach Spans) **Date Built / Date Rehabbed:** /

Load Rating Percent **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Isol. spalling w some exp. rebar, severe under jts. w mapcracking & efflor. otherwise very isol. issues.	1	7
C7.2. Edge of Floor:	Conc. edge beams @ E cracked & broken where they bear on steel FBs; seepage w efflor; severe conc. det. @ NE w exp. rebar & formerly embedded conduit.	2	5
C8. Wearing Surface:	Full width trans cracks over steel piers (superstructure exp. jnt. under continous deck); many cracks sealed w asphalt.	1	7
C9. Curbs/Sidewalks:	Trans. cracks in conc curbs; popouts; scaling; isol rust staining; widespread bottom of curb spalling, plants growing, & map cracking w efflor which allows water infiltration under curbs into arches/deck, esp inlet @ N end of arches; widespread conc. det. in curb over arches; closely spaced cracks w efflor in curbs & many rust stains; significant planter leakage @ park steps seeps into nearby sidewalk crack & appears to travel to weephole in center arch.	3	4
C11. Railing:	Vert. cracks; spalls; rust stains; efflor; impact scrapes @ NW; some aluminum castings (sleeves for handrail) cracked @ NW; metal rail over arches has 1 bolt sheared @ S.	2	5
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Some scuppers completely clogged w plants growing in inlets causing water to run into arch, esp inlet @ N end of arches; down spout extension of 1st N pier seperated.	2	6
C13. Expansion Joints:	Leakage caused sev. damage to superstructure & deck below; deck exp. jt. over former front street doesn't line up with superstructure exp. jt (W fascia) also at several other locations where superstructure exp. jnts. were made continous with deck (knee braces on opposite side of these jts are all broken. (knee brace's prevent expansion @ jnt.)); many jts. were covered w bituminous material for water proofing on the wearing surface.	2	5

N58. Deck Summary: **Summary Rating:** **7**

C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Pitting partially heavy & severe LOS w holes thru BF & TF of fascia beams; corr. - part. @ jts. & on TF's (TF laminating >33% LOS with some perforations); bearing stiffeners 100% LOS (several beams), severe LOS on 2nd beam from E at N abutment; TF's w LOS @ bottom face where former pitting was over painted; E fascia beam @ N abutment has sev LOS w BF reduced over 50%.	3	4
C16. Diaphragms/X-Frames:	(End diaphragms): Corr; pack rust, sev. LOS @ exp. jts.(several perforations); diaphrams over former Front St. & intermediate diaphrams in better condition.	3	3
C18. Floor Beams:	Rust w corr. on TF & BF ext. @ N abut. and piers (under exp. jts); rusted connections w broken welds @ fascia (welded to both sides of exp. jnt.); NE most FB 95% LOS (only BF intact - since new load path could develop, this FB was not considered for the overall SUPERSTRUCTURE rating.; floorbeams carry sidewalk only.	3	4
C26. Bearing Devices:	Pack rust @ steel piers & abut; most steel bearings appear frozen & are in postion different from the outside temp, knee braces on opposite side of jts are broken indicating a different temp movement than designed.	3	3

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 3 K

Signature: _____ **Bridge No.:** PRIVATE #01

C27. Arch:	Widespread seepage causing mortar & brick deter.; build-up of efflor., evidence of recent tuckpointing (2020); conc. portion w HL cracking, ext. efflor.; 1 area in center arch w det. brick (delaminating surface).;delaminated areas in arches.	2	6
C29. Arch Spandrel Walls:	Several bricks replaced; evidence of recent (2020) tuck pointing.	2	6

C30. Protective Coating System (PCS): **System:** **Year:** 1980 **PCS Rating:** 3

Completely failed under jts.; widespread chalking & fading elsewhere.

N59. Superstructure Summary: **Redundant; fatigue prone.** **Summary Rating:** **4**

C33. Abutment Walls:	Masonry: (N only); stone deter (esp. @ E) 2 blocks disentegrating into sand behind backwall (see wingwall); apparent unintended loadpath at NE where masonry piece appears to be supporting deck on both sides of the expansion joint.	2	5
C34. Abutment Caps:	Conc: vert. cracks, staining, some efflor.	1	7
C36. Pier Walls:	Widespread general stone/mortar deter. @ piers - severe @ downspouts (up to 24" deep deterioration N of arches) effecting ± 10 stones; many mortar jnts. open & apparently washed out deep; birds roosting & widespread plants growing in open mortar jnts; delam. conc. @ pier N of arches, N side.	3	3
C37. Pier Caps:	Moist from downspout dripping @ far S; corr. w advanced LOS; LOS under exp. jts; (steel caps contol rating)	3	4
C38. Pier Columns:	Rivet sheared & knee brace cracked through & unnattached @ bents 2 & 4 (center beam); pack rust @ pier bases @ bent 4 & @ beam connections; anchor bolt @ pier 4 (N side, center column) has 100% LOS; {bolt no longer transferring any load}; packrust & deformations of connection plates at beam connections & bottom of columns.	2	5
C39. Backwalls:	Cracks in corner @ SE w efflor; NE walk of bridge is bearing on rock that is part of abutment w sev LOS to rock & mortar.	3	4
C40. Wingwalls:	Deter. of stone & mortar jts; sev. masonry deter. & undermining under exp. jts; condition @ N of E abutment is worst with severe det. of 3 adjacent stones (1 completely turned to sand); condition @ NE abutment controls rating.	3	4

N60. Substructure Summary: **Summary Rating:** **3**

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **3 K**

Inspection Notes: Masonry piers and abutment (Wingwall) need ongoing monitoring and maintenance; 2021 bridge closed due to condition of adjacent purple people bridge pier; ongoing work @ 1st pier S from arches @ time of 2021 inspection; concerning masonry deterioration S of arches {beyond

Bridge Inspection Report | *Safety Inspection*

SFN: 3199803

Approach to Newport Southbank Bridge over Former Front Street

Date Inspected: 11/04/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 3 K

Signature: _____

Bridge No.: PRIVATE #01

inspection limits}.

General Notes: Includes the W portion of the brick arches.
Only a very small portion of this structure, N of the arches (over former Front Street), is actually over the ROW.

	Recommended Maintenance:	Assigned to:
1.	Plan for curb replacement.	Owner
2.	Seal exp. jnts., walks & curbs to prevent leaking.	Owner
3.	Repair sandstone piers & wingwalls - clean & tuck point where appropriate.	Owner
4.	Clean, repair & repaint structural steel.	Owner
5.	Repair bearings to allow proper expansion and thermal movement.	Owner
6.	Repair NE abutment/WW.	Owner
7.	Clean out inlets.	Owner
8.	Monitor condition of all masonry substructure units & share findings w City of Cincinnati.	Owner
9.	Remove delaminated material from arches before it falls to the ground.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3161463

Bedford Avenue Golf Cart Bridge East of Madison Road **Date Inspected:** 10/18/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 N

Signature: R. Reising **Bridge No.:** PRIVATE #02

Route: BEDFD **Unit:** 4081 **Bridge Type** 344 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1994 /

Load Rating Percent 000 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Corrugated metal flooring filled w conc; isolated areas of corr. on SIP forms @ edges.	1	7
C9. Curbs/Sidewalks:	Panel joints & edges caulked; trans cracks routed out & sealed; widespread sealant failing; several trans cracks.	1	7
C11. Railing:	Pony truss serves as railing (w pipe handrail attached -new handrail 2014?); minor impact damage (many scrapes); cap missing @ NE & SE.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Drains over the side.		
C13. Expansion Joints:	Sliding metal plate; NW coverplate Extends 9.0 cm to abutment (@ 70 degrees).	1	9
N58. Deck Summary:		**Summary Rating:**	**7**
C14. Alignment of Members:	Slight mis-alignment along TC - noticeable @ center splice.	1	7
C18. Floor Beams:	Corr. W minor LOS under center jt.	1	8
C19. Truss Verticals:	End post scratched from impact; isol. corr. esp. @ 6th vertical from E @ S {possible water infiltration suspected}.	1	8
C20. Truss Diagonals:		1	9
C21. Upper Chord:		1	9
C22. Lower Chord:		1	9
C24. Lateral Bracing:	Ends bent @ far N & S, and 1 @ center & 1 @ center.	1	7
C26. Bearing Devices:	Teflon on abuts. (covered w debris) esp @ W.	1	8

C30. Protective Coating System (PCS): **System:** SAE **Year:** 2006 **PCS Rating:** 1

Silicone Alkyd Enamel; widespread peeling w some corrosion cells typical; scrapes/gouges; widespread paint flaking & dirt accum. & build up of foreign material in paint, esp. @ W; cracks in paint throughout.

N59. Superstructure Summary: **Not redundant; highly fatigue prone; widespread lichan @ W.** **Summary Rating:** **8**

C34. Abutment Caps:	Stubs: Debris covered bearings.	1	8
C39. Backwalls:	Honeycombing @ both N & S; moss & slight dampness @ S.	1	8
N60. Substructure Summary:	**Entire substructure covered by vines, ivy, poison ivy**	**Summary Rating:**	**8**

Bridge Inspection Report | *Safety Inspection*

SFN: 3161463

Bedford Avenue Golf Cart Bridge East of Madison Road

Date Inspected: 10/18/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 N

Signature: R. Reising

Bridge No.: PRIVATE #02

C55. Warning Signs: Posted 3 Ton loading (label on bridge - not actual sign).

C57. Utilities: Conduit rusting throughout; exposed wires @ end of rusting conduit @ NW. 2 5

Utilities On Structure: N N N N N N N

65. Vertical Clearance:

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: **8 N**

Inspection Notes: Bouncing noticibly under pedestrian load; deteriorating paint may conceal possible cracking, esp. @ welds.

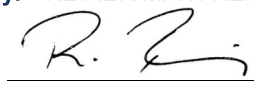
Recommended Maintenance:		Assigned to:
1.	Clean & repaint all steel.	Owner
2.	Remove debris from bearings & truss connections.	Owner
3.	Recaulk walking surface cracks.	Owner
4.	Cut vegetation (poison ivy) from around the bridge abutments and slope under bridge.	Owner
5.	Seal gap in top chord splice @ N to prevent water from entering tube.	Owner
6.	Consider protecting walk surface w applied membrane to keep water out of deck.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3199988

Broadway Street Pedestrian Overhead South of Sixth Street **Date Inspected:** 11/02/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature:  **Bridge No.:** PRIVATE #03

Route: **Unit:** **Bridge Type** 321 / **Date Built / Date Rehabbed:** 1984 /

Load Rating Percent **(Main/Approach Spans)** **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Metal deck; enclosed, not visible; some minor staining on metal cladding.	1	8
C8. Wearing Surface:	Carpet & marble; some trans. cracking in marble outside of beam line and long. between columns.		
C11. Railing:	Enclosed skywalk w full height windows.	1	9
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Minor staining/rust on metal roof; minor drywall damage (traces of leakage) @ interior columns (being repaired 2020); occasional leaking supposedly d/t undersized drains; 2 small overflow drains from S gutter, no apparent overflow drains @ N.	2	6
C13. Expansion Joints:	Sealant cracking @ E ceiling, and caulk failing @ E end outside below windows and at bottom of bridge.	1	8
N58. Deck Summary:	**Deck floor not visible; partially assumed rating.**	**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Steel beams; enclosed; not visible.		
C18. Floor Beams:	Small steel floor beams; enclosed; not visible.		
C28. Arch Columns/Hangers:	Steel columns support roof (enclosed).		
N59. Superstructure Summary:	**Superstructure not visible - assumed rating; not redundant; not fatigue prone.**	**Summary Rating:**	**8**
C38. Pier Columns:	Conc. & steel columns; enclosed, not visible.		
N60. Substructure Summary:	**Substructure not visible; assumed rating.**	**Summary Rating:**	**8**

65. Vertical Clearance: New overlay 2020; 17'-5" measured in 2021. **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **8 A**

Bridge Inspection Report | *Safety Inspection*

SFN: 3199988

Broadway Street Pedestrian Overhead South of Sixth Street

Date Inspected: 11/02/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: R. Reising

Bridge No.: PRIVATE #03

Recommended Maintenance:	Assigned to:
1. Consider modifying/adding overflow drains @ N to prevent leakage inside bridge.	Owner
2. Repair caulking @ E exp. joint around outside.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3199989

Broadway Street Pedestrian Tunnel South of Sixth Street **Date Inspected:** 11/02/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: R. Reising **Bridge No.:** PRIVATE #04

Route: **Unit:** **Bridge Type** 172 / **Date Built / Date Rehabbed:** 1983 /

Load Rating Percent **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N): N			
C44. Culvert - General:	Widespread HL map cracks in center of tunnel ceiling (several parallel long ones spaced at +/- 6"), often originating from utility hangers esp @ E portion of tunnel (low point of tunnel); widespread trans. crack in ceiling (2 w efflor) @ E; trans. cracks in tunnel floor, have been sealed (1993); crack w efflor in N wall @ vertical angle point.	1	7
C45. Culvert - Alignment:		1	8
C47. Culvert - Seams:	Wide trans. ceiling crack @ E ceiling.	1	7
N60. Culvert Summary:	**2018 pavers above tunnel were replaced with colored concrete to reduce leakage.**	**Summary Rating:**	**7**
C1. Pavement:	New (2020) overlay base course installed @ time of inspection, top course not yet installed.	1	9
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N			
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N			
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N			
C6. Approaches Summary:		**Summary Rating:**	**9**
65. Vertical Clearance:		**Vert. Clearance Rating:**	N
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**7 A**

Inspection Notes: E end of tunnel dirt spots are from utility drilling into S wall (accident in the early 2000's).
2018: Pavers in sidewalk and Plaza replaced by colored concrete.
New pavement course installed 2020.

Recommended Maintenance:	Assigned to:
1. Monitor cracking in tunnel ceiling.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3161536

Center Hill Avenue Pedestrian Tunnel at P & G (North) **Date Inspected:** 05/03/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: _____ **Bridge No.:** PRIVATE #05

Route: CENTR **Unit:** 3431 **Bridge Type** 395 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1976 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C44. Culvert - General:	Painted corrugated. metal culvert; newly painted (2017). Several smaller areas hollow sounding indicating backfill issues. Concrete floor: cracking being routed out and filled in 2017; some hallow sounding areas of the concrete floor. 3 locations with very minor leakage (2 at seams (w corrosion of metal, esp. at SE).	1	7
C45. Culvert - Alignment:		1	8
C46. Culvert - Shape:	Very minor change in curvature (appears to be orignal construction related).	1	8
C47. Culvert - Seams:	Two location with active corrosion at seams where water is leaking, everything repainted (2017).	1	8
C48. Culvert - Head/End Walls:	Alum. railing @ E HW with several broken bars and broken connections. Cracking and possibly loose concrete at top of E wall over tunnel entry. Cracking w efflor. @ both HW & EW; jts. @ all 4 corners covered w stainless steel plates (fasterners do not match plate metal causing severe corrosion to fasteners); algae/mold(?)growing; delam @ bottom of W HW; dampness.	1	7
C50. Culvert - Abutments:	Few HL cracks w efflor. @ entrances (some injected); small patches @ NW (2017 patch cracking) & SE (bottom).	1	8
N60. Culvert Summary:	**Floor drain grates at E tunnel entrance severely corroding.** **Summary Rating:**		**7**
C1. Pavement:	Trans. (turning into alligator cracks) & long. excessive map cracking @ W curb over uneven pave base, asphalt patches - does not appear to be culvert related.	2	6
C4. Embankment:	Steep; grass & mulch, newly waterproofed and seeded 2017.	1	8
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):			
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):			
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):			
C6. Approaches Summary:	**Summary Rating:**		**6**
C57. Utilities:	Corroding steel plates at bottom of conduit at hanger supports caused by mismatched metals.	1	7

Utilities On Structure: N N N N N N N

Bridge Inspection Report | *Routine Inspection*

SFN: 3161536

Center Hill Avenue Pedestrian Tunnel at P & G (North)

Date Inspected: 05/03/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: R. Reising

Bridge No.: PRIVATE #05

65. Vertical Clearance:

Vert. Clearance Rating: N

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 8 A

Inspection Notes: W entrance of tunnel and area to the W blocked off for construction at the time of the 2021 inspection.

Recommended Maintenance:		Assigned to:
1.	Replace corroding and deformed floor drain grates @ E.	Owner
2.	Replace fasteners holding stainless steel plates at tunnel entrances with matching material to avoid corrosion.	Owner
3.	Repair, replace broken sections of railing over the east tunnel entrance.	Owner
4.	Chip loose concrete from the top of the E entrance wall before it falls onto the ground, patch back.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3161757

Center Hill Avenue Pedestrian Tunnel at P & G (South)

Date Inspected: 05/03/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: R. Reising

Bridge No.: PRIVATE #06

Route: CENTR **Unit:** 3432 **Bridge Type** 195 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1967 /

Load Rating Percent 150

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C44. Culvert - General:	Inside spalls patched, horizontal cracks epoxy injected and the walls sealed and coated, (all 2017). 3 distinct areas of sealer (ceiling) failing near East end of tunnel. Some vert. HL cracks in wall recess remain, few hor. & diagonal cracks either not coated completely or reappearing (widest ones measured 0.02"); little water entering inside @ 2 distinct locations in E half of the tunnel (not observed in 2021). Trans. Cracks in floor throughout, some with rust staining, but mostly routed out and caulked. Several floor delaminations detected in W half of the tunnel.	1	7
C45. Culvert - Alignment:		1	8
C48. Culvert - Head/End Walls:	E Headwall: 2 minor HL cracks w. little efflor.; W wingwalls, one exposed rebar (low cover SW), and one HL crack w efflor. @ NW	1	7
N60. Culvert Summary:	**Extensive work structural repairs done in 2017.** **Summary Rating:**		**7**
C1. Pavement:	Trans. (truning into alligator cracks), long., & map cracking esp. around W curb. E curb concrete gutter breaking up at all segment joints creating deeper potholes. (Pavement issues are not tunnel related, but match the condition of the road nearby).	2	5
C4. Embankment:	Mulch @ E, very little vegetation at W with slight rutting.	1	7
C5. Guardrail:	New (2011). Guardrail at W imapcted (2 posts bent). No vegetation around guardrail posts causing minor erosion.	2	6
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):			
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):			
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):			
C6. Approaches Summary:	**Summary Rating:**		**5**
C57. Utilities:	10 Light fixtures inside the tunnel and several electrical outlets.	1	9
	Utilities On Structure: N N N N N N N		
65. Vertical Clearance:	**Vert. Clearance Rating:**		N
N59. General Appraisal and Oper. Status:	**General Appraisal / Operational Status:**		**7 A**

Bridge Inspection Report | *Routine Inspection*

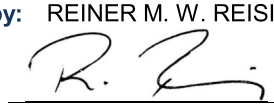
SFN: 3161757

Center Hill Avenue Pedestrian Tunnel at P & G (South)

Date Inspected: 05/03/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: 

Bridge No.: PRIVATE #06

Inspection Notes: Condensation inside the tunnel during the 2021 inspection.
Guardrail CSR initiated following 2021 inspection.

Recommended Maintenance:		Assigned to:
1.	Monitor the observed leakage; follow up with epoxy injections if necessary.	Owner
2.	Investigate condition of tunnel floor (cracks with rust staining and delaminated areas); develop repair strategy.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3199990

Charlotte Street Overhead East of John Street **Date Inspected:** 09/28/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 5 N

Signature: _____ **Bridge No.:** PRIVATE #07

Route: **Unit:** **Bridge Type** 121 / **Date Built / Date Rehabbed:** /

Load Rating Percent **(Main/Approach Spans)** **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Minor cracks @ S @ lowest level; crack @ S cont. into brick wall below (bay 4 from W); 4 small spalls w exp. small diameter rebar (very low cover); cracking w efflor. on top floor - other floors in very good condition.	1	7
C9. Curbs/Sidewalks:	Concrete floors. (inside)		
C11. Railing:	4 level, completely enclosed struct; broken windows above street; potential for glass or conc. spalls to fall; crack in sill on 1st floor; large sections of window sills missing @ 2nd level (E).		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
N58. Deck Summary:		**Summary Rating:**	**7**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Knee bracings impact damaged @ W w exp. rebar (N) and scrapes @ (S) everything else in much better condition; minor fascia delam. @ E & W; concrete fascia beams of upper levels show some spalling and exposed rebar; few HL cracks throughout; 15 parially exp. Rebar stirrups @ E fascia beam, bottom level.	1	7
N59. Superstructure Summary:	**Partially assumed rating since not all structural members are visible.**	**Summary Rating:**	**7**
C33. Abutment Walls:	Supported on adj. buildings; S brick support bldg. has widespread cracking; sev large vert. (approx. 1/4" wide, typical) full height crack in brick @ SE w spalling & brick crushing along crack (SE bldg. seems to be separating over 5 story height); NW impact @ corner w exp. rebar; additional cracking on S bldg @ various locations.	2	5
N60. Substructure Summary:	**Rating based on south building condition.**	**Summary Rating:**	**5**

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **5 N**

Inspection Notes:
Interior of structure last accessed in 2016.
Trash in Charlotte Street.
Several security cameras added to S building in 2016.
2021 apparent rehab work @ S end of S bldg.

Bridge Inspection Report | *Safety Inspection*

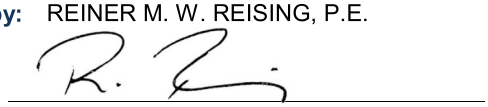
SFN: 3199990

Charlotte Street Overhead East of John Street

Date Inspected: 09/28/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 5 N

Signature: 

Bridge No.: PRIVATE #07

General Notes: Aaron Etzler (S building owner) is owner of the bridge since spring of 2014.

	Recommended Maintenance:	Assigned to:
1.	Remove or repair broken glass, plywood, broken window sills, etc., to prevent debris from falling into the street below.	Owner
2.	Patch NW fascia beam (knee bracing).	Owner
3.	Investigate & repair cracks in façade of south building. (esp. E side of bridge) chip loose & delam. (continued)	Owner
4.	(continued) material @ E on all bldg levels before it falls into the ROW.	Owner
5.	Chip loose concrete from floor over E & W fascia's of bridge.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3199954

Citycentre Drive Utility Bridge - 1st East of Anthony Wayne **Date Inspected:** 04/09/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 N

Signature: R. Reising **Bridge No.:** PRIVATE #08

Route: **Unit:** **Bridge Type** 344 / **Date Built / Date Rehabbed:** /

Load Rating Percent **(Main/Approach Spans)** **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Steel grid; one section compleytely missing from impact; no longer safe to use walkway.	4	0
C11. Railing:	Severely impcated since 2016 inspection; bot. portion buckled.	4	1
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
N58. Deck Summary:	**Summary Rating:**		**0**
C14. Alignment of Members:	Structure moving under ambient load due to lack of any lateral bracing. Impact affected walk and railing, aparently not the superstructure members.	2	6
C18. Floor Beams:	I-sections: Rusting with initial LOS.	2	6
C19. Truss Verticals:	Welded to chords; slight rusting, some bent.	2	6
C20. Truss Diagonals:	Welded to chords; rusting.	2	6
C21. Upper Chord:	Double angles: Rusting w initial LOS.	2	6
C22. Lower Chord:	Double angles: Rusting w initial LOS.	2	6
C30. Protective Coating System (PCS):	**System:** **Year:** 1983 **PCS Rating:** 0 Rust; part. @ connections.		
N59. Superstructure Summary:	**Welded truss @ bolted floor beams; not redundant; fatigue prone. Partially assumed rating since inspection was performed from ground level only.** **Summary Rating:**		**6**
C37. Pier Caps:	Widespread corrosion w LOS esp @ N.	2	6
C38. Pier Columns:	I beams: Rusting, part. @ bases; minor pitting; N footing not visible (below ground).	2	6
N60. Substructure Summary:	**Summary Rating:**		**6**

Bridge Inspection Report | *Safety Inspection*

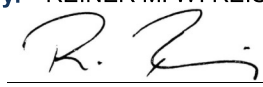
SFN: 3199954

Citycentre Drive Utility Bridge - 1st East of Anthony Wayne

Date Inspected: 04/09/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 N

Signature: 

Bridge No.: PRIVATE #08

65. Vertical Clearance:

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 6 N

Inspection Notes: Top not accessed during 2021 inspection.
Most utility pipes partially removed - no utilities in service.
Impact has compromised railing and potentially remaining walk.
During the 2021 inspection Mr. Koreman mentioned his plans to have this bridge removed in the summer of 2021.

General Notes: City Centre Drive was formerly Section Road.

Recommended Maintenance:	Assigned to:
1. REMOVE BRIDGE	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3199955

Citycentre Drive Utility Bridge - 2nd East of Anthony Wayne **Date Inspected:** 04/09/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 N

Signature: R. Reising **Bridge No.:** PRIVATE #09

Route: **Unit:** **Bridge Type** 344 / **Date Built / Date Rehabbed:** /

Load Rating Percent **(Main/Approach Spans)** **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N): N			
C14. Alignment of Members:	Very slight aparent bending of diagonals (tension members welded at ends).	1	7
C18. Floor Beams:	(Bracing members); corr., not located at panel points (see lateral bracing).	2	6
C19. Truss Verticals:	Welded to chords; corr. @ bottom. (slotted at top to fit around web of the upper chord).	1	7
C20. Truss Diagonals:	Tension rods: welded to chords; widespread freckeled rusting; few members slightly bent.	2	6
C21. Upper Chord:	T- section: Initial corrosion without LOS	1	7
C22. Lower Chord:	Built-up from bar sections: widespread rusting; rust esp. @ splices.	2	6
C24. Lateral Bracing:	Channel sections: (bracing members are more sway braces/floorbeams); corr. esp @ connections.	2	6
C30. Protective Coating System (PCS):	**System:** **Year:** 1983	**PCS Rating:**	0
N59. Superstructure Summary:	**Welded truss; fatigue prone; not redundant.**	**Summary Rating:**	**6**
C37. Pier Caps:	Channels welded to piers function as pier caps; rusting.	1	7
C38. Pier Columns:	Rust w some pitting (up to 1/16" deep) esp. @ bottom of columns; foundation of the columns not visible (below ground level).	2	6
N60. Substructure Summary:		**Summary Rating:**	**6**

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **6 N**

Inspection Notes: During the 2021 inspection Mr. Koreman mentioned his plans to have the structure removed during the summer of 2021.

Bridge Inspection Report | *Safety Inspection*

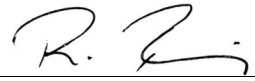
SFN: 3199955

Citycentre Drive Utility Bridge - 2nd East of Anthony Wayne

Date Inspected: 04/09/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 N

Signature: 

Bridge No.: PRIVATE #09

General Notes: City Centre Drive was formerly Section Road. Street was vacated in 1969 except for an 8.0 feet wide sidewalk on North side.
All pipes removed from bridge, few cables/pipe connectors loolsy attached to bridge.

Recommended Maintenance:	Assigned to:
1. REMOVE BRIDGE.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3199964

Coliseum Plaza over Pete Rose Way **Date Inspected:** 11/09/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 5 N

Signature: _____ **Bridge No.:** PRIVATE #10

Route: **Unit:** **Bridge Type** 320 / **Date Built / Date Rehabbed:** 1975 / 1987

Load Rating Percent **(Main/Approach Spans)** **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Conc. replaced (1987); cracks w very little efflor.; possible delams. Under joints @ bumpouts near railings (concealed by utilities) etc., some stalactites.	1	7
C7.2. Edge of Floor:	Spalling w exp. rebar @ exp joints & deck joints; patches, some cracked w efflor @ railing connections.	2	6
C9. Curbs/Sidewalks:	Conc. replaced (1987); regularly spaced trans & long HL cracks; diag. cracks toward railing @ expansion. jts; widespread popouts.	1	7
C11. Railing:	Precast railings installed (1993); HL cracking @ most panels; sealed (2005); cant. angles from fascia FB corr. @ welds (not painted and corroding).	2	6
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	11 inlets w near horiz. runs; staining around inlets indicates former ponding; some inlet covers partially filled w debris.	2	6
C13. Expansion Joints:	Daylight visible through joint on pier 6 from W w gland hanging from joint; some sidewalk deck jts. not caulked or caulk no longer effective; isol. conc. spalling around these jnts.	2	5
N58. Deck Summary:	**Summary Rating:**		**7**
C14. Alignment of Members:		1	8
C16. Diaphragms/X-Frames:	At railing conn. only; new (1987); corr. w LOS esp. @ connections; rust bet. angles & @ some connections.	2	6
C17. Stringers:	Span bet. cantilever floor beams; new (1987); backer bars left @ TF; corr. esp. @ TF; widespread corr. w initial LOS @ diagonal joists @ deck bump-outs; joist @ NE has bottom flange cut out to fit rounded railing @ bump out; corr. rings @ all stringer webs opposite diaphram connection (potential for cracking).	2	5
C18. Floor Beams:	Cantilever from USBA; rust & active corrosion - esp. @ exp. jts; initial LOS; stringer connections @ bump outs have over drilled holes without bolts @ top row (apparently by design since matching stringers do not have these holes).	2	6
C30. Protective Coating System (PCS):	**System:** **Year:** 1987 **PCS Rating:**		0
	Rust - part. @ exp. jts & deck joints; several members not painted or not painted w full system.		
N59. Superstructure Summary:	**Non-redundant, not fatigue prone.** **Summary Rating:**		**5**
C37. Pier Caps:	Enclosed, not visible; cladding broken @ pier 5 & 9 from W showing LOS to concealed steel members (bracing){W of column 5} flange splice apparently compromised by pack rust {riveted plates appear seperated}, birds roosting behind cladding.		
C38. Pier Columns:	Conc. encased steel; ext. cracking w efflor. & rust staining; some wide full height vert. cracks; spalling; impact damage from loading dock operations; ext. efflor. @ piers 3, 5 {w moss} & 9 from W indicates water entering from the top; possible delams @ some column corners.	2	6

Bridge Inspection Report | *Safety Inspection*

SFN: 3199964

Coliseum Plaza over Pete Rose Way

Date Inspected: 11/09/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 5 N

Signature:

Bridge No.: PRIVATE #10

N60. Substructure Summary: **Partially assumed rating since steel columns are conceale** **Summary Rating:** **6**

65. Vertical Clearance:

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: **5 N**

Inspection Notes: Pier seat cladding destroyed @ 5th pier; LOS on encased steel members where visible. Loose & stained cladding @ other locations indicates other areas w/ potential issues.

	Recommended Maintenance:	Assigned to:
1.	Perform close up inspection of stringer/diaphragm connections & repaint (share findings with city)	Owner
2.	Reseal deck joints in wearing surface to prevent water inflitration.	Owner
3.	Clean and paint structural steel.	Owner
4.	Repair cladding at pier columns to prevent water & birds from entering @ column 5 from W.	Owner
5.	Investigate condition of structural steel behind pier seat cladding. (share findings w city)	Owner
6.	Consider resealing wearing surface w membrane to prevent water from seeping through deck.	Owner
7.	Remove loose conc. from floor esp @ bump outs	Owner
8.	Remove loose exp. joint material below joint of pier 6 from W.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3199965

Coliseum Plaza over Taylor Southgate Approach & Mehring Way **Date Inspected:** 12/07/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 4 A

Signature: R. Reising **Bridge No.:** PRIVATE #11

Route: **Unit:** **Bridge Type** 320 / **Date Built / Date Rehabbed:** 1975 / 1987

Load Rating Percent **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Minor cracks w efflor esp. @ floor drains; seepage & efflor. @ deck joints; conc. replaced (1988); few spalls & delams.; isol. cracking around FB's along TF; spalling & possible delam. @ modified railing connections {patches}; moisture above fans.	2	6
C9. Curbs/Sidewalks:	Trans. & long. HL cracks, some with minor rust staining; widespread scaling; popouts (many patched 2015/some patches cracking); delam/crack over SW most railing connection; larger spalls & widespread delams near pedestrian steps to TSB; widespread caulk failing or missing @ joints over FB's; extreme conc. deterioration & scaling @ SE near steps to Taylor Southgate Bridge.	2	6
C11. Railing:	Precast railings installed (1993); sealed (2005); some vert. cracking (originating from railing connections); widespread staining; some railing connections to FB's may be compromised by laminating corr flanges.	2	6
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	14 inlets w near horiz. runs; some debris in isol. grates; 1 grate completely clogged, 1 covered w plate; 1 drain pipe leaking w icicles forming.	2	5
C13. Expansion Joints:	Caulk faling or missing @ top; corr. & conc. damage below indicate leakage; real exp joints @ bridge ends in better condition.		

N58. Deck Summary: **Summary Rating: 6**

C14. Alignment of Members:	Joists spliced @ midspan - midspan height is smaller than end heights (resulting in slight V shape of joists).	1	7
C16. Diaphragms/X-Frames:	At railing conn. only (1987); rust w LOS esp. @ conn.'s & welds (not painted).	2	6
C17. Stringers:	Spanning between cant. FBs (1987); ext. rust @ TF's; surface corr. & pitting throughout, widespread heavy pitting w extensive steel sheets shedding over cooling system & @ N end of bridge; circular rust pattern @ webs of stringers where cross frames attach, could be pre cursor to cracking.	3	4
C18. Floor Beams:	Cantilever from US Bank Area; ext. LOS over cooling system & under jnts. w severe laminating corrosion & ext. LOS; surface rusting & pitting throughout; possible slight twist of webs @ cantilever ends.	3	4
C24. Lateral Bracing:	Mostly removed except over cooling system; sig. LOS & pack rust throughout.	3	4

C30. Protective Coating System (PCS): **System:** **Year:** 1988 **PCS Rating:** 0

Rust - part. @ N, E, & W exp. jts; ext corr. over cooling system; many connections not painted.

N59. Superstructure Summary: **Summary Rating: 4**

Non-redundant, fatigue prone, partially concealed by utilities & bird netting.
Many large laminated corrosion sheet pieces from superstructure collecting in bird netting.
Worst condition over cooling aggregates; exact level of det. cannot be determined from ground level.

Bridge Inspection Report | *Routine Inspection*

SFN: 3199965

Coliseum Plaza over Taylor Southgate Approach & Mehring Way **Date Inspected:** 12/07/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 4 A

Signature: R. Reising **Bridge No.:** PRIVATE #11

C37. Pier Caps: Enclosed, not visible; section of cladding missing next to cooling system (birds can enter); leaking drain pipe visible.

C38. Pier Columns: Conc incased steel columns; enclosed; cracking w efflor; some vert. cracks run full length; minor spalls/impact damage; isol. corr. staining. 2 6

N60. Substructure Summary: **Summary Rating:** **6**

C57. Utilities: Pipe insulation missing @ elbow near SW; exposed tangled wiring @ SW; rusting pipe hangers & breaking pipe support saddles over cooling system.
Apparently rusted/cracked through pipe support @ SW between FB's.
Several large pieces of pipe insulation fallen into bird netting. 2 5

Utilities On Structure: N N N N N N N

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **4 A**

Inspection Notes: Rust from structural steel has fallen onto bird netting.
Bird netting is broken @ several locations, sagging under load, & no longer keeping pigeons out.

	Recommended Maintenance:	Assigned to:
1.	Perform close up inspection by licensed engineer to quantify section loss of structural steel share report w city.	Owner
2.	Empty debris caught in bird netting before netting fails.	Owner
3.	Check integrity of pipe supports and repair as necessary {see utilities}.	Owner
4.	Clean & repaint structural steel & repair connections where necessary.	Owner
5.	Caulk/seal deck jts.	Owner
6.	Consider modification of cooling system to prevent further deterioration of structural elements.	Owner
7.	Replace missing cladding of the US Bank arena near cooling system so that no birds etc. can enter.	Owner
8.	Reset sidewalk railing panel (W s/w of Taylor Southgate Appraoch walk) that was removed for cooling	Owner
9.	Replace walking surface @ SE & wherever warranted.	Owner
10.	Remove loose conc. from bottom of deck before it falls on s/w & roadway.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3199961

Durham Street Pedestrian Overhead - 1st South of Spring Grove **Date Inspected:** 07/14/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 5 N

Signature: R. Reising **Bridge No.:** PRIVATE #12

Route: **Unit:** **Bridge Type** 364 / **Date Built / Date Rehabbed:** /

Load Rating Percent **(Main/Approach Spans)** **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Minor staining of conc. floor; minor scrapes.	1	8
C11. Railing:	Bridge enclosed; corrugated metal siding rusted; several siding panels lose & bent, esp. @ N; some cracked/broken windows on both sides; hole in metal cladding @ SW.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Large portion of gutter missing @ S; flashing @ S bent; drainage over the side; gutter of smaller roof @ NW perforated with DS ending in front of façade causing water damage to brick @ NW.	3	4
N58. Deck Summary:	**Only bottom level considered for floor rating.**	**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Mostly concealed; rust; minor pitting; center conn. @ W lowest beam is shear connection at best (no bottom flange, visible bolts not fully tightened (appears to be from original construction); steel beams inside on every floor (redundancy).	2	5
C18. Floor Beams:	Signs of water damage on roof and underlying floorbeams, where protective coating is flaked and no longer effective (observed during last interior ispection).	2	5
C30. Protective Coating System (PCS):	**System:** **Year:**	**PCS Rating:**	0
	Ext. rusting on BF.		
N59. Superstructure Summary:	**Not redundant; not fatigue prone; much of SUPERSTRUCTURE is not visible and therefore most of rating is assumed.**	**Summary Rating:**	**5**
C33. Abutment Walls:	Supported on adjacent buildings.		
N60. Substructure Summary:	**Actual support not visible d/t bldg. facades; mostly assumed rating.**	**Summary Rating:**	**6**
C57. Utilities:	Two out of three pipe conduit attachments at north are compromised; new 2021 security camera @ N.	3	4

Utilities On Structure: N N N N N N N

Bridge Inspection Report | *Safety Inspection*

SFN: 3199961

Durham Street Pedestrian Overhead - 1st South of Spring Grove

Date Inspected: 07/14/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 5 N

Signature:

Bridge No.: PRIVATE #12

65. Vertical Clearance: 14'-7" +/-

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 5 N

Inspection Notes: Permanently blocked off @ W. Widespread roof leakage in E building and at connection to bridge. Interior last inspected in March, 2017.

Recommended Maintenance:		Assigned to:
1.	Re-secure loose corrugated metal siding (esp. @ N) and replace sections where broken.	Owner
2.	Extend gutter @ SE and attach to downspout & repair flashing.	Owner
3.	Repair utility hangers for pipe at N (two out of three broken).	Owner
4.	Repair N gutter and extend downspout to lead water away from the building and prevent damage to brick.	Owner
5.	Repair broken windows before they fall into traffic.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3199962

Durham Street Utility Overhead - 2nd South of Spring Grove Avenue **Date Inspected:** 07/14/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 5 K

Signature: _____ **Bridge No.:** PRIVATE #13

Route: **Unit:** **Bridge Type** 321 / **Date Built / Date Rehabbed:** /

Load Rating Percent **(Main/Approach Spans)** **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Corrugated metal cladding w widespread paint flaking; widespread, partially severe corrosion on cladding of sides, esp @ S side).	2	6
C9. Curbs/Sidewalks:	Very old inspection reports for this structure indicate timber structure inside w possible wood deterioration.		
C11. Railing:	Bridge enclosed; corrugated metal siding rusted; some siding panels lose, esp. @ N; several small corosion holes in metal cladding @ S.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	At low end (W building); new (2021) gutters @ W bldg connection.	1	9
N58. Deck Summary:	**Actual deck not visible, partially assumed rating. (Inside has not been accessed in years).**	**Summary Rating:**	**6**
C14. Alignment of Members:	No alignment issues detectable from the outside.	1	8
C15.1. Beams/Girders:	All superstructure members have been concealed for years. No access from either building - assumed rating.	2	5
C18. Floor Beams:	Earlier inspection reports mention timber floorbeams with water damage. Actual superstructure could not be accessed in years - assumed rating.	2	5
C30. Protective Coating System (PCS):	**System:** **Year:**	**PCS Rating:**	0
N59. Superstructure Summary:	**Assumed rating. Inside of the structure including all superstructure members has not been accessible in many years.**	**Summary Rating:**	**5**
C33. Abutment Walls:	Suported off buidlings at E and W. Actual support not visible, but damage on façade at W (spalled concrete, exposed rebar and rust staining), likely due to water from bridge running down the building face.	2	5
N60. Substructure Summary:	**Partially assumed rating, actual support not visible.**	**Summary Rating:**	**5**

Bridge Inspection Report | *Safety Inspection*

SFN: 3199962

Durham Street Utility Overhead - 2nd South of Spring Grove Avenue **Date Inspected:** 07/14/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 5 K

Signature: R. Reising

Bridge No.: PRIVATE #13

65. Vertical Clearance: Varies significantly from W to E.

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status: **Interior blocked off on both ends.**

General Appraisal / Operational Status: **5 K**

Inspection Notes: Few small corrosion holes detected in S fascia.

General Notes: Permanently blocked off @ both ends. Bridge serves no purpose and should be removed since it cannot be inspected and is not maintained.

Recommended Maintenance:	Assigned to:
1. Remove Bridge	Owner
2. Provide access to the interior to qualified registered engineer for inspection. Share report with City DOTE.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3199963

Durham Street Utility Overhead - 3rd South of Spring Grove Avenue **Date Inspected:** 07/14/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature: R. Reising **Bridge No.:** PRIVATE #14

Route: **Unit:** **Bridge Type** 321 / **Date Built / Date Rehabbed:** /

Load Rating Percent **(Main/Approach Spans)** **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Metal locally corr. w initial LOS; paint mostly flaked off; locally deformed.	3	4
C9. Curbs/Sidewalks:	Timber deter. (not visible from outside).		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
N58. Deck Summary:	**Partially assumed rating.**	**Summary Rating:**	**4**
C14. Alignment of Members:	Several noticeable (moderate) sags in floor (excessive DL ?); pier columns @ E leaing outward (construction issue?).	1	7
C15.1. Beams/Girders:	Rust w minor pitting; only bottom of BF's are visible.	2	6
C16. Diaphragms/X-Frames:	Steel cage that is supported by beams has rust w initial LOS @ some locs. (not visible from outside); assumed rating.	2	6
C30. Protective Coating System (PCS):	**System:** **Year:** **PCS Rating:** 0		
Rusting; ext. flaking.			
N59. Superstructure Summary:	**Not redundant; not fatigue prone; most of the SUPERSTRUCTURE is not visible.**	**Summary Rating:**	**6**
C36. Pier Walls:	Supported on adj. bldg. @ W which has minor brick façade deter; bricks @ W below beams appear to have slightly shifted; conc. beam @ W cracking; assumed cond. @ W.	2	6
C38. Pier Columns:	Pier @ E has initial LOS @ bottom (repainted 2007); pack rust on bearing plates @ top; E columns appear to be leaning outward (hot weather mode?, possible construction issue?)	1	6
N60. Substructure Summary:	**Actual support not visible @ W d/t bldg. façade.**	**Summary Rating:**	**6**

65. Vertical Clearance: 16'-0" +/- **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **6 A**

Inspection Notes: Permanently blocked off @ W, building on the East side appears abandoned/blocked off. Inside accessed from roof in summer 2010.

General Notes: Bridge is enclosed by corrugated metal siding; siding has ext. rust.

Bridge Inspection Report | *Safety Inspection*

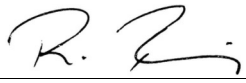
SFN: 3199963

Durham Street Utility Overhead - 3rd South of Spring Grove Avenue

Date Inspected: 07/14/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 A

Signature: 

Bridge No.: PRIVATE #14

Recommended Maintenance:	Assigned to:
1. Remove bridge if no further use is intended.	Owner
2. Check int. of bridge to investigate source of floor plate deformation (remove any utilities that are no longer needed).	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3199966

Eden Avenue Pedestrian & Utility Overhead North of Goodman **Date Inspected:** 10/08/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: R. Reising **Bridge No.:** PRIVATE #15

Route: **Unit:** **Bridge Type** 363 / **Date Built / Date Rehabbed:** 1999 /

Load Rating Percent **(Main/Approach Spans)** **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Conc. filled CMD (1989); obscured by metal grating & utilities; initial corrosion on some of the grates; grates show rust staining from water dripping from beam flange (inside face) at S side, esp E portion; rusted metal objects caught in grating.	1	7
C9. Curbs/Sidewalks:	Membrane waterproofing; cladding around deck edges replaced 2018; new cladding bolts not tight (may allow water to enter); water ponding in some areas of cladding {not observed 2021}.	1	8
C11. Railing:	Metal & glass handrail.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C12. Drainage:	Bottom of d/s dented @ SW & SE.	1	7
C13. Expansion Joints:	Concealed; possible leakage indicated by rust @ bottom of door jamb.	1	8
N58. Deck Summary:	**Summary Rating:**		**7**
C14. Alignment of Members:	Slight vert. step @ W; beams sagging in main span - E not visible (construction related, beams were apparently not fabricated with the required camber).	1	7
C15.1. Beams/Girders:	Mostly obstructed; N beam sagging in main span; areas of corr. & very minor LOS @ BF {bottom side}.	1	7
C18. Floor Beams:	Mostly not visible; lower level (floor-level) FB's visible only in S-appr. span with light surface corr; roof level FB ends painted in 2018.	1	7
C19. Truss Verticals:	Corr. @ drain holes @ bottom of member; repainted in 2018	1	8
C24. Lateral Bracing:	Mostly concealed; light surface corr. in S-appr. span (floor-level).	1	7
C30. Protective Coating System (PCS):	**System:** **Year:** 2018 **PCS Rating:**		7
	Bridge repainted 2018; isolated areas beginning to corrode, some areas (splices at tubes) not painted; isol. areas of corr.		
N59. Superstructure Summary:	**Not redundant; not fatigue prone (partially assumed rating); large portions concealed.** **Summary Rating:**		**7**
C37. Pier Caps:	Enclosed.	1	8
C38. Pier Columns:	Repainted 2018.	1	7
N60. Substructure Summary:	**Summary Rating:**		**7**

Bridge Inspection Report | *Safety Inspection*

SFN: 3199966

Eden Avenue Pedestrian & Utility Overhead North of Goodman

Date Inspected: 10/08/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature:

Bridge No.: PRIVATE #15

C57. Utilities: Many, concealed.

Utilities On Structure: N N N N N N N

65. Vertical Clearance: 23' (from plans); 23'-2" measured.

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 7 A

General Notes: THP (who designed the 1998 modified bridge) performed a close-up inspection of the bridge in October of 2012 to investigate the source of the sagging of the W beam. It was determined to be a fabrication issue since the beams had not been fabricated with the required camber of 1.5 inches. Renovation (painting, curb repair) completed in 2018.

Recommended Maintenance:		Assigned to:
1.	Caulk open joints in railing supports (tubes) to prevent future rusting.	Owner
2.	Clean algae from windows.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3199899

Great American Ballpark over Broadway @ Mehring Way **Date Inspected:** 10/18/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 N

Signature: _____ **Bridge No.:** PRIVATE #16

Route: **Unit:** **Bridge Type** 321 / (Main/Approach Spans) **Date Built / Date Rehabbed:** 2002 /

Load Rating Percent **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Stay in place panels: isol. area's of rusting & efflor., sev. @ panel joints and around inlets; many new plates over electric outlets, new lights 2020 installed in main span (below bridge).	1	7
C7.2. Edge of Floor:	Stay in place panels: corroding w sig. LOS @ railing and over fascia stringer (partially concealed by stringer); debris from edge of floor and stringer (rust, delam.) caught in brid netting.	2	5
C9. Curbs/Sidewalks:	Unsealed routed cracks (esp. near railing), some with initial rust staining, plants growing in cracks @ NE.	1	7
C11. Railing:	Concrete panels: S most panel bottom patched; apparent rust staining on lower inside face of some panels. sig. rusting, LOS on flaps that connect lower railing edge to fascia stringer; railing connections mostly concealed by bird netting and superstructure; top railing joint caulk failing, allowing water to enter.	2	6
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	2 inlets; pipe @ S inlet severly corroding{perforated}; ponding could not be detected 2021.	2	6
C13. Expansion Joints:	N only; widespread leakage @ N joint; cover plates shifted & loosened.	3	4
N58. Deck Summary:	**Former leakage between wearing surface and railing panels caused numerous problems to edge of deck, stay in place forms and superstructure components.**	**Summary Rating:**	**7**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:		1	8
C17. Stringers:	Fascia stringer is corroding, flaked rust (some larger pieces) in bird netting indicates potential LOS to fascia side of this member.	2	6
C30. Protective Coating System (PCS):	**System:** **Year:** **PCS Rating:** 7 Rusting @ beam ends and fascia stringer; LOS to SIP forms close to railing.		
N59. Superstructure Summary:	**Sev. LOS to N joint support beam w apparent perforations, esp. near welds.**	**Summary Rating:**	**6**
C37. Pier Caps:	Supported off Ballpark.	1	8
C38. Pier Columns:	One column @ E, slight honeycombing.	1	8
N60. Substructure Summary:		**Summary Rating:**	**8**

Bridge Inspection Report | *Safety Inspection*

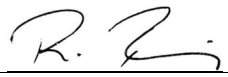
SFN: 3199899

Great American Ballpark over Broadway @ Mehring Way

Date Inspected: 10/18/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 N

Signature: 

Bridge No.: PRIVATE #16

65. Vertical Clearance:

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: **6 N**

Inspection Notes: Bird netting
40% of railing lights turned on during daylight hours.

Recommended Maintenance:		Assigned to:
1.	Hire consultant to perform close-up inspection of fascia stringer and railing attachment at SE (share reports with City).	Owner
2.	Repair bird/netting, loose in several areas.	Owner
3.	Plan for steel cleaning, repair & repainting.	Owner
4.	Recaulk railing joints @ top to prevent water from entering.	Owner
5.	Caulk/seal routed-out cracks in the wearing surface.	Owner
6.	Consider sealing wearing surface w membrane.	Owner
7.	Remove wooden shims from bottom of railing @ S end.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3199945

Great American Ballpark over Broadway @ Pete Rose Way **Date Inspected:** 11/30/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 N

Signature: _____ **Bridge No.:** PRIVATE #17

Route: **Unit:** **Bridge Type** 343 / **Date Built / Date Rehabbed:** /

Load Rating Percent **(Main/Approach Spans)** **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Galv. SIP formwork; very isolated but sev. corr., w cracks, efflor. @ d/s & along edges.	1	7
C9. Curbs/Sidewalks:	Spalls @ locs. of former anchors; many cracks perpendicular to railing and some map cracking; many cracks routed but no longer caulked.		
C11. Railing:	Metal portion of railing rusting; scaling & minor popouts on top of concrete panels; patched areas (4 per panel); N 2 concrete panels have spalls @ bottom; many E panels have vert. cracks, 1 spall, & corr.; 1 area spalled @ bottom of panel w exp rebar, more delam areas suspected; S most metal railing post only attached in upper 1/3rd (rail post attachment plate to beam connection) on bottom.	2	6
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	4 floor drains; partially filled grates; sev. corr. of SIP form under inlets.	1	7
C13. Expansion Joints:	Isolated spall @ E corner of S jt. W Platform A; leaking under S joint to platform A {not observed in 2021} with loose cover plates, corroding, & wavy flashing.	2	5
N58. Deck Summary:	**Bird netting under deck +/- 15' from ballpark.**	**Summary Rating:**	**7**
C14. Alignment of Members:		1	8
C18. Floor Beams:	Corr. over S pier; floorbeams are supposed to slide over truss, but second beam from S (smaller beam) is apparently welded to truss possibly introducing horizontal forces onto truss/pier column; W beam connection/support not visible.	1	8
C19. Truss Verticals:	Welded truss; scrapes w corr. on some verts, minor corrosion @ S; notch in E face of 6th vertical from S @ splice w diagonal; corrosion in miter weld with diag. @ bot of 4th vertical from S.	1	8
C20. Truss Diagonals:	Some initial corr. @ isol. bottom chord connections; corr in miter weld w diagonal @ bottom of 4th vertical from S.	1	8
C21. Upper Chord:	Isol. freckled surface corrosion; 2nd splice from S; filled w trash & pigeon droppings.	1	8
C22. Lower Chord:	Welded truss; minor rusting; filled w pigeon droppings.	1	8
C24. Lateral Bracing:	4 members.	1	8
C30. Protective Coating System (PCS):	**System:** **Year:** 2002 **PCS Rating:** 6		
	Initial corr. @ fascia beams & bearings; accumulation of bird feces on the webs (horizontal surfaces) of the chords; frequent dirt/paint failure esp @ welds.		
C32. Fatigue Prone Details:	Coverplates @ joints: minor surface rusting & staining; scratch w surface rust @ TC, SE.	1	8
N59. Superstructure Summary:	**Not redundant; fatigue prone; water & debris (birds nesting) in chord members will likely cause corrosion and possible LOS in the future if not addressed; widespread staining.**	**Summary Rating:**	**8**

Bridge Inspection Report | *Safety Inspection*

SFN: 3199945

Great American Ballpark over Broadway @ Pete Rose Way **Date Inspected:** 11/30/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 N

Signature: _____ **Bridge No.:** PRIVATE #17

C37. Pier Caps:	Poss. delam. @ NE; debris & rust stains N.	1	8
C38. Pier Columns:	S column: horiz. cracks on W side up to 0.016" wide (indicating possible expansion issue); widespread minor rusting from embedded objects; vertical cracking and small spalls w exp. rebar on E side; corner spall @ bottom of S column (hand sized); NW column corroding @ bottom, apparent web det. @ base plate; sev corr. @ anchor bolts over pier columns @ S; minor conc corner spall @ N pier column near parking sign.	1	7

N60. Substructure Summary: **Summary Rating:** **7**

C57. Utilities:	Corr. conduit between railing & fascia stringer of bridge.	1	7

Utilities On Structure: N N N N N N N

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 N**

Inspection Notes: Cables attached with vices to outside of top & bottom chords.

	Recommended Maintenance:	Assigned to:
1.	Clean all surfaces of pigeon droppings (beams, truss members, etc) to prevent moisture buildup & corrosion.	Owner
2.	Seal cracks in wearing surface.	Owner
3.	Repair joint @ S.	Owner
4.	Clean & paint all structural steel & repair if necessary.	Owner
5.	Remove objects (vices, cables, etc.) attached to truss chords.	Owner
6.	Remove loose/rusted steel from floor around drain before it falls into traffic.	Owner
7.	Recaulk vertical joints between conc railing panels.	Owner
8.	Chip loose concrete from bottom of N railing panels (2) & inspect panels for their integrity.	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3161846

Library Over Ninth Street — **Date Inspected:** 05/04/2021

Inspected by: REINER M. W. REISING, P.E. — **Summary Rating / Operational Status** 8 A

Signature: _____ — **Bridge No.:** PRIVATE #18

Route: NINTH **Unit:** 0010 **Bridge Type** 321 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1996 /

Load Rating Percent 000

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Enclosed, not visible; doves roosting at N&S center below bridge, sparrows under cladding @ S center.	1	8
C7.2. Edge of Floor:		1	8
C11. Railing:	Glass & stainless steel.	1	9
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	New roof 2019/2020. At 3rd floor level - significant ponding @ all corners (drain inlets are higher than the low points); very top roof new (2019), no ponding. No evidnece of leaking on any level inside.	1	8
C13. Expansion Joints:	Minor misalignment of some portions of seals @ S; (N side is fixed end with no apparent expansion joint).	1	8
N58. Deck Summary:	**Summary Rating:**		**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Not visible; assumed rating.	1	8
C16. Diaphragms/X-Frames:	Not visible; assumed rating.	1	9
C18. Floor Beams:	Not visible; assumed rating.	1	9
N59. Superstructure Summary:	**Not redundant, not fatigue prone; assumed rating.** **Summary Rating:**		**8**
C35. Abutment Columns:	Supported on columns off buildings; all structural members concealed.	1	8
N60. Substructure Summary:	**Mostly assumed rating based on condition of visible non-structural members.** **Summary Rating:**		**8**

65. Vertical Clearance: Measured @ 15'-10". **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **8 A**

Inspection Notes: Roof was replaced 2019 (more work to tontinue on 3rd floor roof); roof (4th floor) inspected 2020. Inside level C last inspected in 2019.

Bridge Inspection Report | *Routine Inspection*

SFN: 3161846

Library Over Ninth Street

Date Inspected: 05/04/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: R. Reising

Bridge No.: PRIVATE #18

General Notes: Structure is a 4-story building. Center walkway in reading room supported from ceiling (only Level C inside, not D).

Recommended Maintenance:	Assigned to:
1. Consider modifying 3rd floor roof slopes to allow for better drainage.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3199905

Mohawk Street Pipe Overhead E of Hamburg St **Date Inspected:** 04/19/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 4 A

Signature: _____ **Bridge No.:** PRIVATE #19

Route: **Unit:** **Bridge Type** / **Date Built / Date Rehabbed:** /

Load Rating Percent **(Main/Approach Spans)** **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N): N			
C14. Alignment of Members:	Lower chord @ W is slightly bent.	2	6
C16. Diaphragms/X-Frames:	Bolted to vertical members; some bent, esp center diaphram. (additional bracing through floorbeams); rust.	2	5
C19. Truss Verticals:	Widespread surface corr.	2	6
C20. Truss Diagonals:	Widespread surface corr.; 1 bracing bent.	2	6
C21. Upper Chord:	Widespread surface corr with minimal LOS; widepread rust staining @ top of W fascia.	1	7
C22. Lower Chord:	Widespread surface corr. with minimal LOS; misalignment on truss @ W.	2	6
C24. Lateral Bracing:	Rusted; N most bracing bent.	2	6
C26. Bearing Devices:	(S only) apparently concrete sliding on masonry.	1	7
C30. Protective Coating System (PCS):	**System:** **Year:** **PCS Rating:**		0
N59. Superstructure Summary:	**Summary Rating:**		**6**
C33. Abutment Walls:	Supported on adjacent buildings: Widespread cracking not only in the vicinity of the bridge; walls @ S are covered with a false façade, partial collapse @ S bldg E of bridge 2019; tree growing in façade @ SW caused bldg wall to lean; widespread cracking elsewhere.	3	4
N60. Substructure Summary:	**Bldg's not accessed, hence partially assumed condition of substructure units.** **Summary Rating:**		**4**

65. Vertical Clearance: No V.C. sign posted; +/- 16.75' measured. **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **4 A**

Inspection Notes: 1 small utility conduit remaining on bridge (aparently not connected to anything).
Sidewalk at S blocked due to partial building collapse.

Bridge Inspection Report | *Safety Inspection*

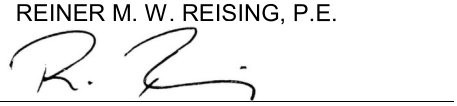
SFN: 3199905

Mohawk Street Pipe Overhead E of Hamburg St

Date Inspected: 04/19/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 4 A

Signature: 

Bridge No.: PRIVATE #19

Apparent construction on S building complex (2021), not near bridge.

General Notes: Ownership of the bridge not positively identified but apparently belonging to N building.
Name change of Stonewall street to Hamburg Street reflected in bridge inspection reports from 2021 forward.

Recommended Maintenance:	Assigned to:
1. Consider removal of the bridge, since it serves no purpose.	Owner

Bridge Inspection Report | *Safety Inspection*

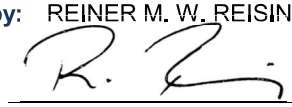
SFN: 3199997

Oak Street Pedestrian Overhead East of Reading

Date Inspected: 10/08/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: 

Bridge No.: PRIVATE #20

Route: **Unit:** **Bridge Type** 344 / (Main/Approach Spans) **Date Built / Date Rehabbed:** 1993 /

Load Rating Percent **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Enclosed; not visible; widespread minor stains on panels suspended from floor (corrugation pattern visible); minor impact damage to cladding @ E; some bottom cladding edges misaligned/shifted esp @ S bldg connection.		
C11. Railing:	Wooden handrail; completely glass enclosed; staining inside at top of windows is typical; caulk @ S end covered w green{lycan}.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Membrane roof without ballast, drains @ N & S, and overflow notches at SE and NW; apparent peeling of some membrane patches @ N, but no evidence of leakage.	1	8
C13. Expansion Joints:		1	8
N58. Deck Summary:	**Summary Rating:**		**7**
C14. Alignment of Members:		1	8
C18. Floor Beams:	Enclosed; not visible.		
C19. Truss Verticals:	Circular steel tubing welded to UC & LC.	1	8
C20. Truss Diagonals:	Circular steel tubing welded to UC & LC; initial corr. @ bottom welds.	1	8
C21. Upper Chord:	Mostly enclosed; not visible; rolled 18x6x35 WF sections (2 welded next to each other).	1	7
C22. Lower Chord:	Mostly enclosed; not visible; rolled 18x6x35 WF section; widespread pitting from former corrosion; initial LOS.	1	7
C30. Protective Coating System (PCS):	**System:** **Year:** 2013 **PCS Rating:** 9		
	Paint repaired 2013.		
N59. Superstructure Summary:	**Most structural members are concealed, hence assumed rating.** **Summary Rating:**		**7**
C37. Pier Caps:	Minor vert. cracks w seepage @ N-most pier & pier 3 from N; N pier cap water stained & map cracked @ top (pier cantilievers out from bridge while other pier caps sit below); S pier cap cracked w efflor on W side.	1	7
C38. Pier Columns:	Structure supported on conc. piers @ N & S (not buildings); widespread HL map cracking & honeycombing.	1	8
N60. Substructure Summary:	**Summary Rating:**		**7**

Bridge Inspection Report | *Safety Inspection*

SFN: 3199997

Oak Street Pedestrian Overhead East of Reading

Date Inspected: 10/08/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature:

Bridge No.: PRIVATE #20

65. Vertical Clearance:

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:	**Most structural members are concealed and can not be inspected routinely, hence partially assumed rating; inside not inspected 2021.**	**General Appraisal / Operational Status:**	**7 A**

Inspection Notes: Minor impact damage over Oak Street.
Over head cable resting on bridge roof.

Recommended Maintenance:	**Assigned to:**
1. Monitor roof membrane patches @ N.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3199968

Oak Street Pedestrian Overhead West of Winslow Avenue **Date Inspected:** 10/08/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: R. Reising **Bridge No.:** PRIVATE #21

Route: **Unit:** **Bridge Type** 344 / **Date Built / Date Rehabbed:** 1987 /

Load Rating Percent **(Main/Approach Spans)** **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Enclosed, not visible; minor deformations of cladding (impact?).		
C9. Curbs/Sidewalks:	Slope slightly uneven (by design?) (high points at FBs/ diagonals).		
C11. Railing:	Steel handrail larger offsets @ exp. joints separated joint N of Oak St.; glass enclosed skywalk; condensation at 14 windows; 2 (new?) cladding patches unpainted in 2020 @ W 2nd span from N; missing rivet fasteners for flashing below windows.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Ballasted membrane roof. Minor leakage outside bridge at piers 1 & 3 from N at downspouts; N most downspout appears clogged causing water to drip against façade.	2	6
C13. Expansion Joints:	Caulk (outside window seals) failing @ several exp. jts; handrail separated at one joint; minor brick staining at inside at N end of bridge under joint.	1	8
N58. Deck Summary:	**Deck floor not visible, hence part. assumed rating; some damage to outside flashing (impact not over street esp @ N with several locations of dented and slightly shifted cladding panels); isol. minor staining on cladding & interior diagonals indicates former water damage. Some floor tiles have trans. Cracks (over several adjacent tiles) (FB locations?).**	**Summary Rating:**	**7**
C14. Alignment of Members:		1	7
C18. Floor Beams:	Enclosed; not visible.		
C19. Truss Verticals:	Circular steel tubing (visible @ S end only) welded to UC & LC.	1	9
C20. Truss Diagonals:	Circular steel tubing welded to UC & LC; small dent over N curbline of Oak St.	1	9
C21. Upper Chord:	Mostly enclosed; not visible; rolled WF section; isolated minor pitting on BF.	1	8
C22. Lower Chord:	Mostly enclosed; not visible; rolled WF section; minor widspread pitting @ several locs. along TF, arrested by painting.	1	7
C26. Bearing Devices:	Enclosed; not visible.		
C30. Protective Coating System (PCS):	**System:** **Year:** 2013	**PCS Rating:**	9
N59. Superstructure Summary:	**Not redundant; highly fatigue prone welded truss; most portions not visible; part. assumed rating.**	**Summary Rating:**	**7**
C37. Pier Caps:	Small delam. @ E side of pier 2 from N; very minor rust staining (standoffs).	1	8
C38. Pier Columns:	Supported on conc. piers @ N & S - not on building; minor HL cracking @ pier columns.	1	8

Bridge Inspection Report | *Safety Inspection*

SFN: 3199968

Oak Street Pedestrian Overhead West of Winslow Avenue

Date Inspected: 10/08/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature:

Bridge No.: PRIVATE #21

N60. Substructure Summary: **Surface microcracking on conc. structures.**

Summary Rating: **8**

65. Vertical Clearance:

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: **7 A**

Inspection Notes: (Impact) damage @ N end of bridge, not over roadway; repair attempted @ NE {since 2020}
2 small (+/-1/2 inch diameter) round holes and one similar size indenttion in side cladding @ E over N Oak Street walk; inside not inspected 2021.

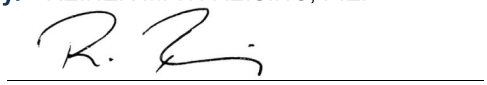
Recommended Maintenance:		Assigned to:
1.	Repair failing caulk @ several exp. jts. (railing, cladding, etc.)	Owner
2.	Repair separated handrail over exp. jt. @ E.	Owner
3.	Unclog outside drains/downspouts @ N most pier column.	Owner
4.	Seal/repair fogged windows.	Owner
5.	Repair impact damage @ N over steps where outside bottom is deformed.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3199977

Ogden Place Pedestrian Overhead West of Vine Street (Low) **Date Inspected:** 10/05/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature:  **Bridge No.:** PRIVATE #22

Route: **Unit:** **Bridge Type** 551 / **Date Built / Date Rehabbed:** 1926 /

Load Rating Percent **(Main/Approach Spans)** **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Structural floor enclosed; not visible; apparently Styrofoam w plaster facing; some scrapes @ S; minor cracking @ E face.		
C11. Railing:	Marble walls; fully enclosed.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	2 drainholes @ W. Only S most one actually designed to drain.	1	8
C13. Expansion Joints:	None apparent.		
N58. Deck Summary:	**Deck floor is not visible; partially assumed rating (See FLOOR above); stone tuck-pointing @ top of fascias.**	**Summary Rating:**	**7**
C14. Alignment of Members:	Wearing surface arched by design.	1	8
C15.1. Beams/Girders:	Enclosed; not visible; beams are assumed to exist.		
C27. Arch:	Arch facade has minor spalls & scrapes from impact; patched.		
N59. Superstructure Summary:	**Superstructure is not visible; assumed rating.**	**Summary Rating:**	**7**
N60. Substructure Summary:	**Supported on adj. buildings over window arches; enclosed not visible; assumed rating.**	**Summary Rating:**	**7**
C55. Warning Signs:	Posted 13'-4" on struct. & 13'-6" in advance of struct(temp. covered by scaffolding); warning sign repainted 2012.	1	7
65. Vertical Clearance:	Posted 13'-4", actual clearance 13'-7".	**Vert. Clearance Rating:**	1
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**7 A**

Inspection Notes: North of bridge temporarily closed off to N building (bridge not currently in use); S entrance through smaller access door above knee height in 2019.
Inside not inspected in 2021. Thin metal conduit from S building to roof of bridge misaligned & corroding;
Scaffolding on N side of Ogden pl. covering advanced vert. clearance warning sign (2021).

General Notes: S building and bridges were sold in 2015.

Bridge Inspection Report | *Safety Inspection*

SFN: 3199978

Ogden Place Pedestrian Overhead West of Vine Street (High) **Date Inspected:** 10/05/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** PRIVATE #23

Route: **Unit:** **Bridge Type** 261 / **Date Built / Date Rehabbed:** 1926 /

Load Rating Percent **(Main/Approach Spans)** **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Struct. floor enclosed by metal cladding w some stains; not visible.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	2 d/s @ E appear to be functioning; slight ponding on roof (observed previously).	1	7
C13. Expansion Joints:	None apparent.		
N58. Deck Summary:	**Deck floor not visible; part. assumed rating; widespread tuckpointin of stone fascia.**	**Summary Rating:**	**7**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Enclosed; not visible.		
N59. Superstructure Summary:	**Superstructure not visible; assumed rating.**	**Summary Rating:**	**7**
N60. Substructure Summary:	**Bridge supported on adjacent builtings. Actual substructure is not visible; assumed rating.**	**Summary Rating:**	**7**

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 A**

Inspection Notes: Floor molding & area of edge of floor was secured (2010) by former Owner.
Inside accessed during the 2019 inspection. Access through smaller access door above knee level.
Inside not inspected 2021.

General Notes: Bridge was transformed into a private apartment.

Bridge Inspection Report | *Safety Inspection*

SFN: 3160785

Old Mitchell Avenue Over Mill Creek **Date Inspected:** 08/04/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 R

Signature: R. Reising **Bridge No.:** PRIVATE #24

Route: OLDMT **Unit:** 3403 **Bridge Type** 320 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1965 /

Load Rating Percent 100 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Ext. cracks (1 long crack in S bay w efflor buildup), efflor, stalactites, rust staining from standoffs (greater than 50% mottled), & delams; minor fire damage at the E; spall w exp rebar under jnts.	3	4
C7.2. Edge of Floor:	Long. cracks with excessive efflor/stalactites throughout; areas of det. conc/delams (typ); spalling w exp rebar close to exp jnt.; trans cracks @ each railing post, often w spalling or build up of efflor.; widespread spalling of top edge of fascia.	3	4
C8. Wearing Surface:	Resurfaced (2016?); hinges asphalted over wide cracks; long. cracking & areas of map cracking.	2	6
C9. Curbs/Sidewalks:	Top of walkway spalled with some exp. rebar @ joints and widespread concrete delaminations/unsound areas; widespread spalling at top of S fascia (walk edge).	2	5
C11. Railing:	Minor scrapes; significant loss of section on the post fasteners & top rail & connections to deck(typ); anchor bolts bent; LOS to railing posts; 1 bolt per post is located very close to bottom of deck (low cover); 1 nut missing; paint touchup(2020).	3	4
N36. National Safety Feature - Bridge Railing (0, 1 or N):	0		
C12. Drainage:	3 scuppers with downspouts - 2 open 1 clogged; drainage off the S side @ walk.	2	6
C13. Expansion Joints:	Widespread leakage & corr w severe LOS to armor; deck armor touching w apparent no room for expansion; possible beam touching @ SE.	3	4
N58. Deck Summary:		**Summary Rating:**	**4**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Painted in 2020; LOS (area's of pitting); worst condition under hinges.	2	6
C16. Diaphragms/X-Frames:	Painted 2020; LOS at the abutment & under the exp jnts; crack in the weld (1st E of the W pier - S side); perforated @ W pier under joint.	2	5
C26. Bearing Devices:	Roller replaced (2004); corr; deep pitting at the bearing plates; laminar corr; several bearing appear to be frozen.	3	4
C30. Protective Coating System (PCS):	**System:** **Year:** 2020	**PCS Rating:**	8
	Active corr. under exp. joints.		
C31. Pins/Hangers/Hinges:	Center span supported by 6 hinges; LOS at hinges; hinges repaired (2004).	2	6
C32. Fatigue Prone Details:		1	8
N59. Superstructure Summary:	**Bridge was painted in Octorber 2020.**	**Summary Rating:**	**6**

Bridge Inspection Report | *Safety Inspection*

SFN: 3160785

Old Mitchell Avenue Over Mill Creek **Date Inspected:** 08/04/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 R

Signature: R. Reising **Bridge No.:** PRIVATE #24

C33. Abutment Walls:	(Stubs): Minor vertical cracking and horizontal cracking in the seats; efflor.; minor abrasion @ US (at low flow elevation).	1	7
C36. Pier Walls:	Conc scaling/abrasion at the US ends.	1	7
C37. Pier Caps:	Exp reinforcing at the E pier (N fascia).	1	8
C39. Backwalls:	Seepage staining; ext cracks with efflor at the NE.	2	6
C42. Scour:	Channel is concrete lined; abrasion.	1	8
Scour Inspection Type	1		
C43. Slope Protection:	Slope protection exists between the abutment and the pier on each side; the portion of the channel between the piers is channel protection.	1	9
N60. Substructure Summary:		**Summary Rating:**	**7**
C51. Channel Alignment:		1	9
C52. Channel Protection:	Concrete lined; abrasion.	1	8
C53. Hydraulic Opening:		1	9
N62. Channel Summary:		**Summary Rating:**	**8**
C1. Pavement:	Newer @ E, cracking @ W.	1	7
C4. Embankment:		1	8
C5. Guardrail:	Not typical guardrail due to geometry and driveways, acting more as railing; some impact damage at the Northwest.	1	7
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):	N		
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):	N		
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):	N		
C6. Approaches Summary:		**Summary Rating:**	**7**
C55. Warning Signs:	Stop signs at each end of the bridge; speed limit sign with maximum gross weight at the W approach only (80,000 lbs at 5 mph); signs not current standard.	1	7
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**6 R**

Inspection Notes: The bridge was painted following the 2020 inspection; extensive camp @ E abutment 2021; vibration noticable under live load.

Bridge Inspection Report | *Safety Inspection*

SFN: 3160785

Old Mitchell Avenue Over Mill Creek

Date Inspected: 08/04/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 R

Signature:

Bridge No.: PRIVATE #24

Recommended Maintenance:		Assigned to:
1.	Plan for extensive rehab/replacement of deck.	Owner
2.	Perform close up inspection of pin joints & share report w city.	Owner
3.	Consider railing upgrades.	Owner
4.	Seal deck joints to prevent leakage & corrosion of superstructure.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3101967

Pete Rose Way Pedestrian Overhead West of Broadway **Date Inspected:** 10/01/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: R. Reising **Bridge No.:** PRIVATE #25

Route: 0027D **Unit:** 0191 **Bridge Type** 321 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 2013 /

Load Rating Percent 0 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Conc portion; HL cracking honeycombing @ stairs & platforms; few HL cracks, one diagonal @ NE corner.	1	8
C7.2. Edge of Floor:	2 HL trans. crack w efflor. @ W; formwork indentations in overhang (2 per side).	1	8
C9. Curbs/Sidewalks:	Sono-guard overlay on bridge (2013), bubbling in 1 location @ E curb to deck interface (former? not observed 2021); plain conc. @ steps w widespread HL cracking.	1	8
C11. Railing:	Slight sag in E bridge railing attributed to installation of individual panels rather than bridge sag., individual panels @ W appear to be misaligned; 2 railing light fixture condensated @ E; rating for railing on bridge only; cracking & isol. spalls @ concrete steps where railings attach; paint compromised in some locations.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	2 inlets @ N collecting debris; slight ponding along railing @ several locations; debris collecting on cantilevered drain grates of steps.	2	6
C13. Expansion Joints:		1	9

N58. Deck Summary: **Condition of stair tower does not influence the bridge rating.** **Summary Rating:** **8**

C14. Alignment of Members:		1	9
C15.1. Beams/Girders:	Built-up tub girder: pitting up to 1/16" deep from plate rolling; over painted; 6 locations w corr cells inside @ tub bottom; vertical stiffners detectable from outside on bothsides; BF warped just S of splice (W side).	1	8
C16. Diaphragms/X-Frames:	Minor paint damage to top flange from formwork removal repaired.	1	9
C24. Lateral Bracing:	Slight "dings" on lateral bracing webs esp. over field splice (transportation issue?); paint damage to top flange from formwork removal repaired.	1	9
C26. Bearing Devices:	Anchor bolts corroding esp @ NW.	1	8

C30. Protective Coating System (PCS): **System:** OZEU **Year:** 2013 **PCS Rating:** 8

Touch-up on beam visible, interior touch-up completed but paint color does not match; several small (up to quarter size) corr cells on inside bottom of tub.

N59. Superstructure Summary: **Corr cells #1,2, & 3 are 10' S of splice; #4 1' N of splice; #5 & 6 20' N of splice.** **Summary Rating:** **8**

C37. Pier Caps:	Minor HL cracking w efflor @ both fascia sides @ N pier.	1	8
C38. Pier Columns:	Horiz HL cracks (ladder cracking) @ S side of N pier (indicating possible pushing of bridge during summer).	1	8

N60. Substructure Summary: **Summary Rating:** **8**

Bridge Inspection Report | *Safety Inspection*

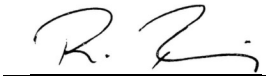
SFN: 3101967

Pete Rose Way Pedestrian Overhead West of Broadway

Date Inspected: 10/01/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: 

Bridge No.: PRIVATE #25

65. Vertical Clearance: 27'-10" measured.

Vert. Clearance Rating: N

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 8 A

Inspection Notes: Interior accessed 9-13-2021; 2020 scissors lift parked on bridge @ midspan.

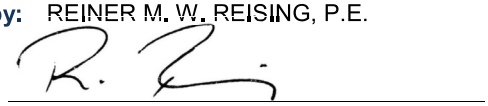
Recommended Maintenance:	Assigned to:
1. Clean debris from inlet covers & cantilevered drain grates.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3161862

Pete Rose Way Pedestrian Overpass at Paul Brown Stadium **Date Inspected:** 05/05/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature:  **Bridge No.:** PRIVATE #26

Route: PROSE **Unit:** **Bridge Type** 221 / NNN (Main/Approach Spans) **Date Built / Date Rehabbed:** 2000 /

Load Rating Percent 000 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Diag. cracks w some efflor. @ all 4 corners & additional dig. & trans cracks w efflor @ S; 5 holes @ S end added to hold bollards.	1	7
C7.2. Edge of Floor:	Mostly concealed between beams, railings and utilities: patches from railing attachment.	1	7
C9. Curbs/Sidewalks:	Wider cracks @ both ends, often around inlets; popouts; crushing @ N railing connections (deck touches fixed approach railing); patches @ railing attachment locations; rust staining on walking surface (esp. @ S) from many embedded nails, threads, etc. Ext. cracking @ S reflective of deck cracks w efflor.	1	7
C11. Railing:	Precast conc. (some older patches); most bottom brackets modified (all @ E and some @ W) where attachments have been moved up from beam flange to beam web (many bolts corroding); isol. H/L cracking.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	2 drains @ N; all open; possible ponding @ SE.	2	6
C13. Expansion Joints:	Compression seals, splice repaired @ several locations, esp @ S.	2	6
N58. Deck Summary:	**Summary Rating:**		**7**
C14. Alignment of Members:	Slight horiz. Mis-alignment (1") @ abut. NW (railing).	1	7
C15.1. Beams/Girders:	Widespread minor staining; (see item railing) many railing attachments have been moved from the fascia flanges to the fascia webs leaving threaded rods in flanges.	1	8
C16. Diaphragms/X-Frames:	Minor efflor. @ N.	1	8
C26. Bearing Devices:	Mostly concealed.	1	8
N59. Superstructure Summary:	**Redundant - not fatigue prone.** **Summary Rating:**		**8**
C33. Abutment Walls:	Widespread staining/slurry coat peeling; widespread HL cracks (mapcracking @ edges), two w rust staining.	2	6
C37. Pier Caps:	Very minor HL cracking @ cantilevers; discoloration and moisture from joint leakage @ S side.	1	7
C38. Pier Columns:	Minor random HL cracking; minor discoloration; moist at bottom from exp. joint leak.	1	8
C39. Backwalls:	Mostly concealed by diaphragm: ext. efflor& efflor @ N	2	6
C40. Wingwalls:	(Railing); vert. cracks turning diag. @ top w efflor (isol build-up); horiz. cracks; spalling & seepage @ cracks; popouts w rust staining.	2	6
N60. Substructure Summary:	**Summary Rating:**		**6**

Bridge Inspection Report | *Safety Inspection*

SFN: 3161862

Pete Rose Way Pedestrian Overpass at Paul Brown Stadium **Date Inspected:** 05/05/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature: _____ **Bridge No.:** PRIVATE #26

C57. Utilities:	Minor discoloration of glavanized conduits; galvanized conduits rusting esp under expansion joints and @ conduit connections (splices). Widespread galvanic reaction at fasteners vs galvanized conduit at abutment. Several conduits attached to beam flanges esp @ N abutment (where strands should be located).	2	6

Utilities On Structure: Y N N N Y N Y

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **6 A**

Inspection Notes: New bollards added in 2021 @ S.
Construction at N stairs ongoing at the time of the 2021 inspection.

General Notes: DO NOT FASTEN ANY ADDITIONAL UTILITIES TO POST TENSIONED BEAMS

Recommended Maintenance:		**Assigned to:**
1.	Seal deck cracks @ S	Owner
2.	Consider epoxy-injecting cracks @ WWs	Owner
3.	Consider adding drain at SE to prevent ponding.	Owner
4.	Seal WWs w epoxy sealer (match bridge railing) to halt ongoing deterioration.	Owner
5.	Replace expansion joints to prevent leakage and deterioration of members below.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3161897

Pete Rose Way Under PB Stadium Plaza **Date Inspected:** 06/28/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 N

Signature: _____ **Bridge No.:** PRIVATE #27

Route: PROSE **Unit:** **Bridge Type** 221 / NNN **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 2000 /

Load Rating Percent 000 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Seepage w efflor. @ several long. jts. between precast "double T's"; ext. efflor. & isol. rust staining @ piers; 2 square cut-outs full height of flange in span 4 from W.	1	7
C7.2. Edge of Floor:	N & S cast in place over hang @ slab portions have widespread trans cracks & efflor.	1	7
C8. Wearing Surface:	Wide long. reflective cracks along all T-beam joints; double transverse reflective cracks over piers; spalls/potholes forming around cracks, esp over piers; ; widespread popouts @ W; spalls w exposed rebar (low cover) @ few locations; test section over 1 pier where cracks have been filled (urethane?); conc. patches covered w rotting plywood @ NW.	2	5
C11. Railing:	Precast concrete panel; several new patches (2017) @ bottom of panels mostly @ E; several delams/spalls under light fixtures in railing; isol cracking & spalling in span 1 & 5 @ bottom of railing panels w rust staining esp. @ W.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	3 drains, all open, but several large areas of ponding near railing; apparent leakage w efflor. & isol. rust staining through cracks in wearing surface; no apparent allowance for movement in drain pipe connecting bridge deck to underground sewer.	2	5
C13. Expansion Joints:	Leaking & rust staining observed @ most piers caps (isol stalactites forming) S most jnt gland repaired but not in kind causing deflection under load (ankle twist); beam to pier cap connection not working as designed, bolt movement exceedes exp slot length causing beam damage.	2	5
N58. Deck Summary:	**The stiff deck apparently cannot accommodate the movement of the superstructure resulting in severe cracking over the piers without deck expansion joints. These are widening and turning into potholes.**	**Summary Rating:**	**7**
C14. Alignment of Members:	Vert. offset between adjacent "double T's", up to beyond thickness of the flange apparently by design, due to different sized web cutouts over bearings.	1	7
C15.1. Beams/Girders:	Double T beams w widespread cracking @ beam ends thru web & flange(HL); isol spalling @ bearing locations, some w exp strands; map cracking w efflor build up in span 2,4, & 7 from W @ N most beam; N most beam has almost full length long. HL crack; sev. damage to webs @ E end of span 6 from W where original beam to pier cap connections were broken & replaced w connections closer to bearings (strand location @ bottom of webs), these start to det and cause breakouts in bearing zone of the beams w several exp. strand ends; crack w rust staining in span 3 @ N beam near pier.	2	6
C26. Bearing Devices:	Elastomeric pads.	1	8
N59. Superstructure Summary:	**Redundant, not fatigue prone.**	**Summary Rating:**	**6**
C37. Pier Caps:	Cracking w efflor; vert. tending to diag. cracks @ cantilever piers; several flex. cracks w seepage in center spans, esp. 2, 5, 6 from W; full height diag. HL cracks on both sides of column @ pier #7 (largest cantilever) w some efflor.	1	7

Bridge Inspection Report | *Safety Inspection*

SFN: 3161897

Pete Rose Way Under PB Stadium Plaza

Date Inspected: 06/28/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 N

Signature: R. Reising

Bridge No.: PRIVATE #27

C38. Pier Columns:	1	9
N60. Substructure Summary:	**Summary Rating:**	**7**

C57. Utilities: Electric only; widespread corr. on elec. conduits @ underside of railing; apparently mismatched hanger material w sev. corr.

Utilities On Structure: U U U U U U U

65. Vertical Clearance:	**Vert. Clearance Rating:**	1
N59. General Appraisal and Oper. Status:	**General Appraisal / Operational Status:**	**6 N**

Inspection Notes: Conc barriers stored @ E adjacent to railing in 2021(cantilever weight).

General Notes: This structure was prior to 2011 inventoried with the pedestrian bridge just W (SFN 3161862). New LED lights installed under bridge 2017.

	Recommended Maintenance:	Assigned to:
1.	Repair deck, grout & fill cracks.(see test section)	Owner
2.	Hire consultant to investigate exp issue over pier 6 design permanent repair for beam ends & beam connections	Owner
3.	Repair spalls under light fixtures in railing.	Owner
4.	Seal entire wearing surface after repairs are made.	Owner
5.	Modify S most joint gland to eliminate tripping hazard (off bridge).	Owner
6.	Monitor cracking of double T beams, esp N most beams.	Owner
7.	Replace rusted conduits & hangers as necessary.	Owner
8.	Reattach bottom support of banner @ pier 6 from W.	Owner
9.	Remove plywood from overlay patches @ NW (tripping hazard).	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3190100

Piedmont Ave. Pedestrian Overhead E of Eden **Date Inspected:** 05/05/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 9 A

Signature: _____ **Bridge No.:** PRIVATE #28

Route: PIEDM **Unit:** **Bridge Type** / **Date Built / Date Rehabbed:** 2018 /

Load Rating Percent **(Main/Approach Spans)** **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Enclosed, not visible.	1	9
C11. Railing:	Full height windows; widespread minor staining from water runoff.	1	9
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C12. Drainage:	Membrane roof without drains, aparently drainage over the sides.		
C13. Expansion Joints:	N end is expansion end. Joint seal at NW has several splices (potential failure points).	1	9
N58. Deck Summary:	**Most deck members are enclosed, hence rating based on general observed condition.**	**Summary Rating:**	**9**
C14. Alignment of Members:	Slight horizontal offset (1") of pier cladding compared to concrete footing (construction issue).	1	7
C18. Floor Beams:	Enclosed, not visible.		
C19. Truss Verticals:	At piers (H beams), and two tubes at N end.	1	9
C20. Truss Diagonals:	Exposed tubes. 2 S most diagonals, and the 2 diagonals S of the pier have a higher "ping" sound when tapped (The are 0.5" wall thickness ,all others are 0.25" wall thickness), while all other tubes sounde hollow.	1	9
C21. Upper Chord:	I beam, not visible.		
C22. Lower Chord:	I beam, not visible.		
C24. Lateral Bracing:	Enclosed, not visible.		
N59. Superstructure Summary:	**Assumed rating since most superstructure members are concealed.**	**Summary Rating:**	**9**
C33. Abutment Walls:	Building (S), enclosed, not visible.	1	9
C37. Pier Caps:	Steel beam, enclosed.	1	9
C38. Pier Columns:	H pile, enclosed, not visible. Cladding over pier footing missaligned (construction issue).	1	9
N60. Substructure Summary:	**Enclosed, not visible, assumed rating.**	**Summary Rating:**	**9**
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):			
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):			
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):			

Bridge Inspection Report | *Safety Inspection*

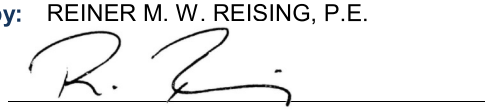
SFN: 3190100

Piedmont Ave. Pedestrian Overhead E of Eden

Date Inspected: 05/05/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 9 A

Signature: 

Bridge No.: PRIVATE #28

65. Vertical Clearance: 18' signed.

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status: **Mostly assumed rating, many members enclosed.**

General Appraisal / Operational Status: **9 A**

Inspection Notes: Inside not inspected 2021.

General Notes: Bridge opened to traffic in April 2019.

Bridge Inspection Report | *Safety Inspection*

SFN: 3199991

Plum Street Pedestrian Overhead South of Fourth Street **Date Inspected:** 07/28/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 4 N

Signature: R. Reising **Bridge No.:** PRIVATE #29

Route: **Unit:** **Bridge Type** 344 / (Main/Approach Spans) **Date Built / Date Rehabbed:** 1988 / 2001

Load Rating Percent **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Stay in place metal decking; pitting/LOS; isolated perforations covered w paint; apparent cracking @ several locations.	3	4
C9. Curbs/Sidewalks:	Membrane on conc; metal cladding added over fascias to prevent drainage from reaching LC.		
C11. Railing:	Tubular metal hand rail inside of vertical bar railing corroding esp. @ bottom & connections to verticals; banner added to N railing 2019.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Gutter @ S (roof level); 6 floor drains; floor drains have low point away from downspouts @ center of bridge; gutter rusting; roof membrane repainted/repaired 2016; roof membrane not wrapped around edges to fascia's; isol membrane peeling.	2	6
N58. Deck Summary:		**Summary Rating:**	**4**
C14. Alignment of Members:	Slight sag along chords (assumed to be original construction).	1	7
C18. Floor Beams:	Corr; some FB spliced out of 2 pieces.	2	6
C19. Truss Verticals:	Vierendeel truss; corrosion and LOS @ conn. - esp. @ bottoms and W-most verticals (drain pipe in vertical); pack rust; widespread rusting beneath paint; corr. Hole @ NW most vertical.	2	5
C21. Upper Chord:	Initial LOS @ some locations; localized active corrosion.	1	7
C22. Lower Chord:	LOS @ conn. & along flanges & web; widespread corr, pitting, supplemental steel plts. and angles added via bolting w widespread LOS; pack rust forming, laminating corrosion w peeling of rust; suspected corrosion holes in webs of both LC's (inside interface of flange to web is not visible).	3	4
C24. Lateral Bracing:	Tubular steel.	1	7
C30. Protective Coating System (PCS):	**System:** **Year:** 2012 **PCS Rating:** 4		
	Dark brown paint conceals corrosion; rust undercutting paint and painted over corroded areas (active corrosion under paint); few hard to reach places were not painted; many areas of active corrosion; several areas of flaking paint w corr steel.		
N59. Superstructure Summary:	**Welded truss; not redundant; highly fatigue prone.**	**Summary Rating:**	**4**
C37. Pier Caps:	Patched (2016) @ W pier; small spall @ SE; large spall w exp rebar (many bars) @ NW.	2	6
C38. Pier Columns:	Shrinkage cracks; popouts w exp. rebar.	1	7
N60. Substructure Summary:		**Summary Rating:**	**6**

Bridge Inspection Report | *Safety Inspection*

SFN: 3199991

Plum Street Pedestrian Overhead South of Fourth Street

Date Inspected: 07/28/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 4 N

Signature:

Bridge No.: PRIVATE #29

C57. Utilities: 1 8

Utilities On Structure: N N N N N N N

65. Vertical Clearance: 17'-2"

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: **4 N**

Inspection Notes: Beams appear to be resting on piers without being actually anchored.
Owner had engineer perform close-up inspection and repainting and repairs are planned for 2021 per latest communication with the owner (not aparently performed in time of the 2021 inspection).

Recommended Maintenance:		Assigned to:
1.	Clean (sandblast) and paint all structural steel.	Owner
2.	Remove rust & paint chips from floor flanges before they fall into traffic.	Owner
3.	Regularly clean steel members (esp. from de-icing chemicals) to prevent corrosion.	Owner
4.	Re attach soffit @ roof level @ W bldg connection.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3165000

Ringgold Street Pedestrian Overhead East of Young Street **Date Inspected:** 05/05/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 N

Signature: _____ **Bridge No.:** PRIVATE #30

Route: RINGG **Unit:** 0001 **Bridge Type** 344 / 321 (Main/Approach Spans) **Date Built / Date Rehabbed:** 1986 /

Load Rating Percent 000 **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Steel checkered plts; corr. arrested by painting (2019/2020), isol pitting; corrosion and pittin gunder S steps. Plates are tack welded which will causes them to be under pressure; some plates tend to bow up and are pushed down under foot traffic. Many tack welds securing plates apparnelty cracked.	2	6
C9. Curbs/Sidewalks:	Steel checker plate, top side repainted (2011); many areas of rusting; sev areas of slight "bubbling" (blistered up walk plate) of the walk; slight surface rusting between adjacent plates.		
C11. Railing:	Tubular steel hand rail; glass enclosed @ W; part. enclosed @ E; modified railing post bases (post extension welded immediately to floor).	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Ponding inside bridge @ W, esp in S half of bridge.	2	6
N58. Deck Summary:		**Summary Rating:**	**6**
C14. Alignment of Members:		1	8
C18. Floor Beams:	Steel channels; initial LOS halted by painting (2020); small bars added adj. to some floor beams under deck splice; LOS of bottom FB to W chord.	1	7
C19. Truss Verticals:	Tubular steel welded to UC & LC; rusting at bot. connections.	1	7
C20. Truss Diagonals:	Tubular steel welded to UC & LC; not painted on sides facing window panels, therefore are not rust resistant; 2nd diag from N at W side split with corrosion at bottom and deformed (appears to be due to freezing water inside the tube).	2	6
C21. Upper Chord:	Tubular steel; widespread rust staining @ top of W fascia.	1	7
C22. Lower Chord:	Tubular steel, widespread staining & minor rusting @ deck connections & fascia stitch welds.	1	7
C24. Lateral Bracing:	Tubular steel X-bracing bolted to plates welded to chords; lower bracing rusting w LOS in some locations esp. @ SW X-bracing; pack rust; SW cross bracing reinforced w welded plate.	2	6
C25. Sway Bracing:	Trans. struts @ top panel pts.	1	8
C26. Bearing Devices:	UC & LC welded directly to piers.		

C30. Protective Coating System (PCS): **System:** **Year:** 1987 **PCS Rating:** 7

Recoated (2019/2020), several areas where old paint is visible (multiple colors); widespread paint peeling @ inside roof. Corrosion in cravices @ connections bet members.

N59. Superstructure Summary: **Not redundant; highly fatigue prone; welded truss.** **Summary Rating:** **6**

Bridge Inspection Report | *Safety Inspection*

SFN: 3165000

Ringgold Street Pedestrian Overhead East of Young Street

Date Inspected: 05/05/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 N

Signature: R. Reising

Bridge No.: PRIVATE #30

C38. Pier Columns: Tubular steel columns & X-bracing on conc. bases; minor pitting @ weep holes & corr. on insides of weep holes; UC & LC welded directly to piers. 1 7

N60. Substructure Summary: **Connection of stairs to NW wall cracked (possible exp. issue)** **Summary Rating:** **7**

C57. Utilities: Elect. & water (?); 8 utility lines beneath bridge; loose connections (splice) @ N end. Exposed electrical wires at 3 locations inside the bridge 2 5

Utilities On Structure: N N N N N N N

65. Vertical Clearance: 16'-3" +/- **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **6 N**

Inspection Notes: New (2019/2020) paint and windows on W façade. Birds roosint over stairs at both ends of bridge.
Sent follow-up letter about split truss diagonal after 2020 inspection.
Water ponding inside bridge along W railing.

General Notes: Formerly SFN 3199970

Recommended Maintenance:		Assigned to:
1.	Trim tree branches @ NW to prevent scraping against bridge.	Owner
2.	Fix joint in electrical conduit @ N abutment.	Owner
3.	Repair truss diagonal that is split (2nd from N on W side)	Owner
4.	Repair electrical conduits inside bridge (3 locations with exposed wires).	Owner
5.	Address ponding inside of the bridge (near W railing in S half of the bridge).	Owner

Bridge Inspection Report | *Routine Inspection*

SFN: 3199979

Sixth Street Pedestrian Overhead at Rusconi Place **Date Inspected:** 07/28/2020

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature: R. Reising **Bridge No.:** PRIVATE #31

Route: **Unit:** **Bridge Type** 112 / **Date Built / Date Rehabbed:** /

Load Rating Percent **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Enclosed; not visible; damage (punch through) on underside of plaster floor covering @ 2 locations at SE; coating flaking @ outside edge; minor scrapes in plaster over roadway; map cracks in plaster of fascias isol. brick deterioration @ SE.	1	7
C9. Curbs/Sidewalks:	Ceramic tile.		
C11. Railing:	Loose handrails (rotating); attachment of rail element to walls do not appear very strong. Fogging and breaking down of seal at some windows; peeling of walltreatment around window corners indicates leakage possible issues.	2	5
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:		1	8
C13. Expansion		1	7

REMOVED

N58. Deck Summ **ıary Rating:** **7**

C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Enclosed; not visible.		

N59. Superstructure Summary: **Superstructure not visible; assumed rating.** **Summary Rating:** **6**

C36. Pier Walls:	N supports are not visible, only the brick façade below. Bricks cracks increasing in size and number @ NE to full height with largest crack width at top (+/- 1/2").	1	6
C38. Pier Columns:	Supported by concrete piers @ immed. S (former impact damage repaired, columns recoated (2018)).	1	8

N60. Substructure Summary: **Part. assumed rating.** **Summary Rating:** **6**

Bridge Inspection Report | *Routine Inspection*

SFN: 3199979

Sixth Street Pedestrian Overhead at Rusconi Place **Date Inspected:** 07/28/2020

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 6 A

Signature: R. Reising **Bridge No.:** PRIVATE #31

65. Vertical Clearance: 14'-8" **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** 6 A

Inspection Notes: Skywalk 008. Bridge & hotel closed 2020, inside not accessible.

Recommended Maintenance:	Assigned to:
1. Repair damaged areas @ floor (bottom of bridge) over 6th Street (2 punch holes @ SE).	Owner
2. Investigate and repair cracks in the brick of N building below bridge.	Owner

REMOVED

Bridge Inspection Report | *Routine Inspection*

SFN: 3199995

Sixth Street Pedestrian Tunnel West of Broadway

Date Inspected: 11/02/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: R. Reising

Bridge No.: PRIVATE #32

Route: **Unit:** **Bridge Type** 172 / **Date Built / Date Rehabbed:** 1971 /

Load Rating Percent **(Main/Approach Spans)**

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N): N			
C44. Culvert - General:	Tunnel partitioned into two sections: W side completely concealed, E side largely conealed by utilities on ceiling and E wall (rating based on E side): several parallel long. HL cracks in tunnel ceiling, cracks w buildup of efflor @ middle{N & S} of E tunnel @ const. jnt., no current leakage; tunnel floor has long. & trans. cracks; cracks in floor have been filled (1993).	1	7
C45. Culvert - Alignment:		1	8
C47. Culvert - Seams:	Traces of sealant mat'l. and cracking @ S ceiling.	1	8
N60. Culvert Summary:	**Excessive utilities cover most tunnel walls & ceiling. W portion of the tunnel completely covered, hence partially assumed rating.**	**Summary Rating:**	**7**
C1. Pavement:	Deep, long. cracks & mapcracking; many utility patches, potholes etc.; location of tunnel not identifiable from the top.	2	6
N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N			
N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N			
N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N			
C6. Approaches Summary:		**Summary Rating:**	**6**
65. Vertical Clearance:		**Vert. Clearance Rating:**	N
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**8 A**

Inspection Notes: Concrete tunnel divided in two by concrete block wall. W half has finished interior (structural components not visible for inspection).
Several security doors inside the tunnel (2018).

General Notes: Water main break on September 2, 2010 supposedly destroyed portions of the tunnel (as reported by P&G staff).
W of W tunnel is a thin space with pipes accessible through doors in hallway.

Recommended Maintenance:	**Assigned to:**
1. Monitor cracking in tunnel ceiling.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3199957

Southside Avenue Conveyor Overhead - 1st West of River Road (Tall) **Date Inspected:** 12/10/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 N

Signature: R. Reising

Bridge No.: PRIVATE #33

Route: **Unit:** **Bridge Type** 344 / (Main/Approach Spans) **Date Built / Date Rehabbed:** /

Load Rating Percent **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Steel grid catwalk, considerably deformed in several locations; corr. & LOS where grating bears on support angles esp. @ N; cracks (in paint?) @ some grating to angle welds; conveyor bottom has LOS & perforations but new inside bottom (2015) attached with bolts and washers.	2	5
C11. Railing:	Side angles (spill guard) in catwalk are impacted (dented) in many areas. Safety tie-off cable installed near catwalk.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
N58. Deck Summary:	**Tie off safety cable installed 2016.**	**Summary Rating:**	**5**
C14. Alignment of Members:	Several members slightly bent.	1	7
C16. Diaphragms/X-Frames:	Some members slightly bent.	1	7
C18. Floor Beams:	One area of impact (construction) damaged @ N.	2	6
C19. Truss Verticals:	LOS @ S-most bolted truss connect; slight impact damage (bent) @ some members; (2016) added horizontal angles attached to verticals & diagonals on both truss lines, weld connections may have caused slight deformations/damage in some of the verticals; slight pack rust between verticals @ spliced locations.	2	6
C20. Truss Diagonals:	Initial corr., one bent @ W.	1	7
C21. Upper Chord:	Minor pitting, arrested by paint.	2	6
C22. Lower Chord:	3 bolted truss connections; slight impact damage over S pier; slight localized bending (as built) @ truss splice.	2	6
C24. Lateral Bracing:		2	6

C30. Protective Coating System (PCS): **System:** **Year:** 2014 **PCS Rating:** 7

Newly added horiz. members not painted & welds compromising existing paint; cracks in areas of excessive paint typical.

N59. Superstructure Summary: **Not redundant; highly fatigue prone welded truss structure.**
Added horiz angles @ mid height on both trusses in 2016 (railing bracing); weld connections to verticals & diagonals unpainted.
Minor green discoloration (algae?) accumalating in portions of SS (esp near S)

Summary Rating: **6**

C38. Pier Columns:	Slight bend @ top where flanges were added in 2015.	1	7
N60. Substructure Summary:		**Summary Rating:**	**7**

Bridge Inspection Report | *Safety Inspection*

SFN: 3199957

Southside Avenue Conveyor Overhead - 1st West of River Road (Tall) **Date Inspected:** 12/10/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 N

Signature: R. Reising

Bridge No.: PRIVATE #33

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **6 N**

Inspection Notes: Random chain looped to truss over roadway; pigeon population caused excessive droppings in 2021.

General Notes: Consultant performed in-depth inspections & repairs made 2012, report forwarded to City; structure was painted in 2014; several repairs made to bridge in 2016 including replacing conveyor bottom rivets with bolts leaving behind old rivet holes (exposed steel); 2020 in depth inspection by consultant (on file with City)

Recommended Maintenance:		Assigned to:
1.	Repair steel grating where bent or loose & check cracks @ connections to railing support.	Owner
2.	Paint any unpainted structural steel members and connections.	Owner
3.	Remove chain that is looped to truss over roadway.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3199958

Southside Avenue Conveyor Overhead - 2nd West of River Road **Date Inspected:** 12/10/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 5 N

Signature: R. Reising **Bridge No.:** PRIVATE #34

Route: **Unit:** **Bridge Type** 344 / (Main/Approach Spans) **Date Built / Date Rehabbed:** 1969 /

Load Rating Percent **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Steel grid catwalks on 2 levels. (only older bottom walk accessed during 2021 inspection).	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
N58. Deck Summary:	**Catwalk in generally good cond; some LOS @ knee braces.** **Summary Rating:**		**7**
C14. Alignment of Members:	Moderate misalignment (esp. bot. chord) from repeated impact (condition worse @ N - not rated).	1	7
C16. Diaphragms/X-Frames:	True diaphragms only over piers, otherwise mostly only 1 diagonal.	2	6
C18. Floor Beams:	(Supporting upper conveyors); rust; LOS.	2	6
C19. Truss Verticals:	1 deformed (impact) (W side, 3rd N of S pier); 2nd vert. N of center pier W side cut in half, supplemental vert. installed & supplemental vert. impact damaged (outside of inspection limits).	2	6
C20. Truss Diagonals:	Slight pitting.	2	6
C21. Upper Chord:	Pack rust along UC; widespread heavy pitting; many square cut outs; considerable LOS & isol. severe corr. on these angles w perforations; Channel on top of UC supports conveyor (not actual top chord, continuous over pier where upper cord is not connected); upper level verticals are only attached to these angles rather than TC.	2	5
C22. Lower Chord:	Apparent impact damage W side 2 locations (angle section added as reinforcement); rusting w LOS @ isol. locations; N of C pier, significant impact; rusting; angle sections added for reinforcement.	2	6
C24. Lateral Bracing:	Top lateral bracing with significant LOS @ individual members; some members missing (cut out) & others modified; bottom lateral bracing: bent @ 1 loc. from impact. (Many members, such as the conveyor itselve may provide bracing in the lateral direction).	3	4
C30. Protective Coating System (PCS):	**System:** **Year:** 2014 **PCS Rating:**		8
	Areas of cracked paint, where applied accesively.		
N59. Superstructure Summary:	**Not redundant; highly fatigue prone welded truss structure; many members were modified, added, cut or removed, a second level was added, hence some descriptions such as top lateral bracing become ambiguous. Despite many members having been removed, others were added.** **Summary Rating:**		**5**
C37. Pier Caps:	Deformed plates @ S (filled w concrete); heavy pitting; center pier plate bent resulting in reduced bearing area.	2	6
C38. Pier Columns:	Conc. spalled @ base plates; LOS resulting in significant pitting of tubes @ base plate @ both piers; perf. @ N @ interface to anchor plate; dented @ S; center pier 2 anchor nuts missing; new "anchor fins" installed @ both piers in 2013 to overcome missing anchor bolts; small dents in all pier columns (impact); S column previous perforated @	2	6

Bridge Inspection Report | *Safety Inspection*

SFN: 3199958

Southside Avenue Conveyor Overhead - 2nd West of River Road

Date Inspected: 12/10/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 5 N

Signature:

Bridge No.: PRIVATE #34

bottom repaired in 2020.

N60. Substructure Summary: **Summary Rating: 5**

65. Vertical Clearance: 23'-4" measured. **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **5 N**

General Notes:
Top conveyor added in August 1999.
Top conveyor replaced & bottom conveyor removed in 2019.
Owner hired consultant to determine struct. Capacity after modifications and in 2020.
Consultant created a list of maint. Repair items, most repairs perf. In 2013.
Inspection ratings are based on the span over the Public Right-of-Way. Condition tends to be worse N of the ROW.
Sign attached to bottom chord (hanging from chains over N walk).
Many members have LOS, or were cut/modified, but there is non-engineered redundency given by added members/conveyors, etc.

Recommended Maintenance:	Assigned to:
1. Repair braces that are only attached to one truss and hence no longer effective.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3199947

Southside Avenue Utility (Pipe) Overhead - 1st East of Idaho

Date Inspected: 07/15/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 N

Signature: R. Reising

Bridge No.: PRIVATE #35

Route: **Unit:** **Bridge Type** 344 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 2001 /

Load Rating Percent **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N): 0			
C14. Alignment of Members:	Apparent sagging & slight misalignment (added excessive load?); added inter. support appears to act as a pier w bearing loads; kink in upper chord; W side panel 6 (buckled?); slight waviness (horiz) in lower chord.	3	4
C16. Diaphragms/X-Frames:	X-diagonals not attached to top chord in between panel points. Some (compression ?) members doubled up, apparently afterthought.	1	7
C18. Floor Beams:	I-beams added @ top to support new utilities (not @ panel points); 5 new channel FBs added 2021 (not painted).	1	7
C19. Truss Verticals:		1	8
C20. Truss Diagonals:	4 new diagonal unpainted angles added (2021), not following panel points.	1	8
C21. Upper Chord:	Doble angles back to back: Minor rust bet. angles; minor kink in angle @ PP #10 (Upper - numbering from S) on W truss; angles added in (2015?) to reinforce center portion of the top chord.	1	7
C22. Lower Chord:	Double angles back to back: Minor rust bet. angles; slight misalignment @ both chords esp. @ splices.	1	7
C24. Lateral Bracing:	Typically welded on 1 side of cross section only, allowing crevice corrosion on non welded side.	1	7

C30. Protective Coating System (PCS): **System:** **Year:** 2007 **PCS Rating:** 7

Rust bet. angles; drips/runs/sags; foreign objects embedded in paint.

N59. Superstructure Summary: **Portions concealed by utilities; many questionable welds.** **Summary Rating:** **7**

C38. Pier Columns:	Minor rust between bracing angles; flaking, corroding @ N baseplate anchor bolts.	1	7

N60. Substructure Summary: **Portions @ S not accessible, partially assumed rating.** **Summary Rating:** **7**

Bridge Inspection Report | *Safety Inspection*

SFN: 3199947

Southside Avenue Utility (Pipe) Overhead - 1st East of Idaho

Date Inspected: 07/15/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 N

Signature: R. Reising

Bridge No.: PRIVATE #35

C55. Warning Signs: Vert. clearance posted 16' (W side only); 17'-2" measured. 1 8

C57. Utilities: Hanger @ S pier not connected but substituted by wire; several stainless steel hangers connected to non stainless fasteners severly corroding; open wires @ S pier (@ end of conduit).

Utilities On Structure: N N N N N N N

65. Vertical Clearance:

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 7 N

Inspection Notes: Intermediate support (for conduit riser) added between PP 7 & 8 (ending @ bottom LATERAL BRACING rather than LOWER CHORD).
NO MODIFICATIONS TO THE TRUSS OR ADDITION OF PIPES SHOULD BE MADE WITHOUT CONDULTING A STRUCTURAL ENGINEER.
Top chord strengthened in center of span with added angle section 2015.
2020: New copper pipe added to E side of bridge. New truck loading terminal just W of bridge. Added diagonal members (2) on E side of truss (installed between this inspection and June 2020.
(2021) 4 diagonals added & 5 FB's w new pipe; designs provided by James Troxell.

Recommended Maintenance:		Assigned to:
1.	Reattach S pipe hanger where wire is substituted for utility hanger.	Owner
2.	Remove any unusued utilities.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3199953

Southside Avenue Utility (Pipe) Overhead - 2nd East of Idaho

Date Inspected: 07/15/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 N

Signature: R. Reising

Bridge No.: PRIVATE #36

Route: **Unit:** **Bridge Type** 344 / **Date Built / Date Rehabbed:** /

Load Rating Percent **(Main/Approach Spans)** **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N): N			
C14. Alignment of Members:	Slight misalignment upper & lower chords are horiz. out of plane, not impact related (see S end post).	2	6
C18. Floor Beams:	Some conduit floor beams no longer supported on W side (acting as cantilever and may no longer be attached to pipe); new (2021) I-beam supports for silver top level pipe.	1	7
C19. Truss Verticals:	Welded rods between chord angles; minor bent vertical @ N pier; new (2021) added supports over piers.	2	6
C20. Truss Diagonals:	Welded between chord angles; bent @ S end; new (2021) added 4 angles @ midspan & +/- 6 @ pier.	2	6
C21. Upper Chord:	Double back-to-back angles; minor pitting b/w angles.	2	6
C22. Lower Chord:	Double back-to-back angles; minor pitting b/w angles.	2	6
C24. Lateral Bracing:	Welded to LC & UC; hole in top lateral bracing @ S. Top level lateral bracing: Irregular geometry.	2	5
C30. Protective Coating System (PCS):	**System:** **Year:** 2021 **PCS Rating:** 9		
Top pipe saddles not painted @ bottom.			
N59. Superstructure Summary:	**Not redundant; highly fatigue prone; welded truss structure; partially assumed rating since top not accessed.** **Summary Rating:** **6**		
C37. Pier Caps:	Steel angles; pitting.	2	6
C38. Pier Columns:	Minor pitting @ bases of columns; burried @ N; metal pitting; steel brace plate between columns @ S support in upper portion (ineffective, bent); slight dent @ NW column 10' up from ground.	2	6
N60. Substructure Summary:	**Summary Rating:** **6**		

Bridge Inspection Report | *Safety Inspection*

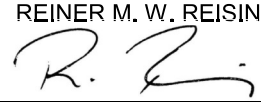
SFN: 3199953

Southside Avenue Utility (Pipe) Overhead - 2nd East of Idaho

Date Inspected: 07/15/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 N

Signature: 

Bridge No.: PRIVATE #36

C55. Warning Signs:	Vert. clearance sign; posted 16'.	1	8
65. Vertical Clearance:		**Vert. Clearance Rating:**	1
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**6 N**

Inspection Notes: Many members added appear to be from random stock, random connections.
2021 apparently pipes added & members to strengthen bridge; new paint (2021); James Troxell provided plans of change of structural details(see file); 2021 bridge completely repainted; piece of metal wire extending from W bottom flange over roadway.

Recommended Maintenance: **Assigned to:**

1. C

Bridge Inspection Report | *Safety Inspection*

SFN: 3199952

Southside Avenue Utility (Pipe) Overhead - 3rd East of Idaho

Date Inspected: 07/15/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 5 N

Signature: R. Reising

Bridge No.: PRIVATE #37

Route: **Unit:** **Bridge Type** 344 / (Main/Approach Spans) **Date Built / Date Rehabbed:** /

Load Rating Percent **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C14. Alignment of Members:	Misalignment; wavy lower & upper chords throughout; bent chords on W truss @ N pier.	2	5
C18. Floor Beams:		1	8
C19. Truss Verticals:	Welded to chords; some members weakened by drilled holes.	1	7
C20. Truss Diagonals:	Welded to chords; some members weakened by drilled holes; apparent former pitting @ lower panel points.	2	6
C21. Upper Chord:	Single angles welded from several short members; UC member bowed @ NW; rusting @ channel connections.	2	6
C22. Lower Chord:	Single angles welded from several short members; bent @ NW; areas of pack rust painted over; wavy.	2	6
C24. Lateral Bracing:	Single angle welded to chords or struts; rust arrested by painting; drilled holes in some members; some members spliced to achieve length.	2	6
C25. Sway Bracing:	Angles; weakened by drilled holes.	1	7

C30. Protective Coating System (PCS): **System:** **Year:** 2008 **PCS Rating:** 5

Paint flaking; active corr cells - esp. @ piers & @ welds.

N59. Superstructure Summary: **Not redundant; highly fatigue prone; welded truss structure; truss no longer true in plane - possibly due to impact damage, esp. W truss @ N support;many truss members have drilled holes or full penetration welds to achieve desired length; partially assumed rating due to inspection from ground level only.** **Summary Rating:** **5**

C37. Pier Caps:	Pitting, esp. @ N; areas of packrust.	2	6
C38. Pier Columns:	Bases encased in conc; rusting, pitting w LOS, & pack rust @ column braces esp. @ S column in splash zone.	2	6

N60. Substructure Summary: **Summary Rating:** **6**

Bridge Inspection Report | *Safety Inspection*

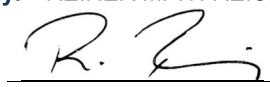
SFN: 3199952

Southside Avenue Utility (Pipe) Overhead - 3rd East of Idaho

Date Inspected: 07/15/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 5 N

Signature: 

Bridge No.: PRIVATE #37

C55. Warning Signs: Vert. clearance sign posted on both sides - 16'. 1 7

C57. Utilities: Lower yellow pipe appears to be in compression, bowing (buckling) to accomadate excessive length; pipe not sitting on pipe saddles.

Utilities On Structure: N N N N N N N

65. Vertical Clearance:

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: **5 N**

Inspection Notes: Do not add any additional utilities without consulting a structural engineer to evaluate the load carrying capacity of the bridge.
No distinct panel points where members meet.
One yellow pipe shifted from pipe saddles.
Apparent reconfiguration, removal of pipes & conduits (2016); not all pipes supported on saddles; pipe @ W wedged w stone.

Recommended Maintenance:		Assigned to:
1.	Reset and secure yellow pipe onto pipe saddles.	Owner
2.	Clean & paint structural steel.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3199949

Southside Avenue Utility (Pipe) Overhead - 3rd West of River Road **Date Inspected:** 07/15/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 N

Signature: _____ **Bridge No.:** PRIVATE #38

Route: **Unit:** **Bridge Type** 371 / **Date Built / Date Rehabbed:** 1997 /

Load Rating Percent **(Main/Approach Spans)** **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Bar grating; 1 minor bent (5th from S) & sagging in 1 panel where bolt is wedged under main pipe.	1	7
C11. Railing:	Metal hand rail repainted 2016. (3 vert. of S ladder cantilever (due to utility pipe conflict) and vibrate, this is off the main span bridge).		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
N58. Deck Summary:	**Summary Rating:**		**7**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	WF beam; repainted (2016); very minor pitting arrested by paint.	1	8
C18. Floor Beams:	Minor rusting @ top of some FBs (topside was not painted in 2016).	1	8
C30. Protective Coating System (PCS):	**System:** **Year:** 2016 **PCS Rating:** 8 Repainted 2016, few areas missing (top of N most floor beams); few minor workmanship issues.		
N59. Superstructure Summary:	**Not redundant; not fatigue prone.** **Summary Rating:**		**8**
C38. Pier Columns:	Steel framed pier, (painted 2016).	1	8
N60. Substructure Summary:	**Summary Rating:**		**8**

65. Vertical Clearance: Measured 21'-7" **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **8 N**

Inspection Notes: Topside of bridge was not inspected during the 2021 inspection.
Utilities @ S almost touching beams and has low clearance above walk.

Bridge Inspection Report | *Safety Inspection*

SFN: 3199948

Southside Avenue Utility (Pipe) Overhead - 4th East of Idaho

Date Inspected: 07/15/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 5 N

Signature: R. Reising

Bridge No.: PRIVATE #39

Route: **Unit:** **Bridge Type** 344 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 1999 /

Load Rating Percent **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N): N			
C14. Alignment of Members:	Slight misalignment; wavy lower & upper chord.	1	7
C18. Floor Beams:	Rusting @ chords.	1	7
C19. Truss Verticals:	Only @ ends.	1	7
C20. Truss Diagonals:	Rusting @ conn.'s.	1	7
C21. Upper Chord:	Rust. Bet. Chord angles; dented; rusting @ conn.'s.	2	6
C22. Lower Chord:	Rust. Bet. Chord angles; dented; rusting @ conn.'s; wavy; new (2020) handrail @ N tower welded to lower chord @ 2 locations not painted and fatigue prone.	2	6
C24. Lateral Bracing:	Rusting @ conn.'s.	1	7
C25. Sway Bracing:		1	7

C30. Protective Coating System (PCS): **System:** **Year:** 2002 **PCS Rating:** 5

Widespread rusting; rust forming underneath paint; rust between back to back angles & @ welds.

N59. Superstructure Summary: **Fatigue prone; not redundant; widespread rusting between sections @ connections & on pipes; partially assumed rating since top not accessed.** **Summary Rating:** **6**

C37. Pier Caps:	Knee braces @ piers supporting truss @ 1st vert. from pier; laminating corr @ bottom of NE knee brace, rusting between knee brace angles elsewhere.	2	6
C38. Pier Columns:	Pitting; paint flaking; rusting; heavy pitting @ base plate & sev. LOS of anchor bolts; ext. conc. deter. under N pier base plate (chemical attack undermining base plate).	2	5

N60. Substructure Summary: **N pier elevated @ E (construction issue?).** **Summary Rating:** **5**

Bridge Inspection Report | *Safety Inspection*

SFN: 3199948

Southside Avenue Utility (Pipe) Overhead - 4th East of Idaho

Date Inspected: 07/15/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 5 N

Signature: R. Reising

Bridge No.: PRIVATE #39

C55. Warning Signs: Posted 16'. 1 7

C57. Utilities: Paint flaking from corroded pipes.

Utilities On Structure: N N N N N N N

65. Vertical Clearance:

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 5 N

Inspection Notes: No true panel points.
Digital billboard (not operational in 2021) added to E truss since 2010 inspection (covering V.C. sign).

General Notes: Do not add any additional utilities to the structure without consulting a structural engineer.

	Recommended Maintenance:	Assigned to:
1.	Clean & repaint structural steel paying particular attention to spaces between chord angles & connections.	Owner
2.	Repair & protect conc. pedestal of N pier to prevent further concrete deterioration and pier undermining.	Owner
3.	Fasten & realign pipe saddles where lose or misaligned.	Owner
4.	Modify pipe shackle tabs where corrosion is excessive (Stainless bolts attached to carbon steel angle rusting).	Owner
5.	Move V.C. sign from behind digital display.	Owner
6.	Perform close up inpsection of all welds by registered professional engineer, share report with City.	Owner
7.	Inspect corroded pipes for soundness, then clean & repaint.	Owner
8.	Provide city with stamped engineering report for bridge modifications(welded attachments to lower cho	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3199951

Southside Avenue Utility (Pipe) Overhead - 5th East of Idaho

Date Inspected: 07/15/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 N

Signature: R. Reising

Bridge No.: PRIVATE #40

Route: **Unit:** **Bridge Type** 321 / (Main/Approach Spans) **Date Built / Date Rehabbed:** 1980 /

Load Rating Percent **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Bar grating has minor sagging under weight of pipes; isolated bars bent.	2	6
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
N58. Deck Summary:	**Summary Rating:**		**6**
C14. Alignment of Members:	Minor misalignment at splice locations.	1	7
C15.1. Beams/Girders:	Beam sections spliced together @ 2 locations by welds; minor isol. piting; very minor spot rust at flanges.	1	7
C25. Sway Bracing:	Minor isol. corrosion at center braces,(resembles tube and was not painted inside).	1	7
C30. Protective Coating System (PCS):	**System:** **Year:** **PCS Rating:** 7 Painted 2012: minor isol. flaking and spot rust.		
N59. Superstructure Summary:	**Partially assumed rating since top not accessed.** **Summary Rating:**		**7**
C37. Pier Caps:	Knee braces bolted to BF: slight separation between braces and beams.	1	7
C38. Pier Columns:	Very slight pitting; cor. @ S brae plate between columns.	1	7
N60. Substructure Summary:	**Summary Rating:**		**7**

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N):

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N):

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N):

C55. Warning Signs: Non standard signs, partially obstructed by sway bracing. Sign states clearance as 15'-8", but VC below sway is only 15'-5"

65. Vertical Clearance: Mislabled as 15'-8" instead of the actual 15'-5" **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 N**

Inspection Notes: 2 new conduits added to E beam in 2021.
Welding rods sticking out from SW piercap.

Bridge Inspection Report | *Safety Inspection*

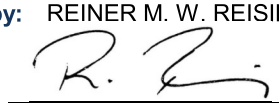
SFN: 3199951

Southside Avenue Utility (Pipe) Overhead - 5th East of Idaho

Date Inspected: 07/15/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 N

Signature: 

Bridge No.: PRIVATE #40

Recommended Maintenance:	Assigned to:
1. Change vertical clearance signs to reflect actual clearance.	Owner
2. Move vertical clearance signs so they are not covered by the sway braces.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3199996

Sycamore Street Pedestrian Overhead South of Central Parkway **Date Inspected:** 05/04/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: R. Reising **Bridge No.:** PRIVATE #41

Route: **Unit:** **Bridge Type** 344 / (Main/Approach Spans) **Date Built / Date Rehabbed:** 1983 /

Load Rating Percent **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Enclosed; not visible from below; widespread flaking of coating of cover panels; widespread freckled rust developing @ floor panels; former puncture plated.	1	7
C7.2. Edge of Floor:	Stains @ fascias, esp @ N; apparent weep holes(?) on underside (spacing +/- 2'); loose, sagging trim angle at N over roadway.	1	8
C8. Wearing Surface:	Trans. cracks - part. @ LC jt; painted.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Dirt & water stains along bottom façade, also inside under some windows (aparently older); isol. staining, rusting from roof and apparently slightly uneven roof membrane. Dripping observed after rain in 2021 from 1st segment joint from E on the S side, but no water inside of the structure.	1	7
C13. Expansion Joints:	Comp. seals @ bldg. supports; paint flaking on inside.	1	8
N58. Deck Summary:	**Deck floor not visible; part. assumed rating; enclosed skywalk; windows @ S face only; painted inside.**	**Summary Rating:**	**7**
C14. Alignment of Members:		1	8
C18. Floor Beams:	Mostly enclosed.		
C19. Truss Verticals:	Visible only on S side.	1	8
C20. Truss Diagonals:	Visible only on S side; 1 not welded together @ midspan (S side).	1	7
C21. Upper Chord:	Tee section; newly painted; visible only on S side; one stem slightly bent.	1	8
C22. Lower Chord:	Not visible.		
C24. Lateral Bracing:	Top bracing - small tee; minor dent @ N half. Bottom Bracing - Enclosed - not visible.	1	7
C26. Bearing Devices:	Enclosed, not visible.		
C30. Protective Coating System (PCS):	**System:** **Year:** 1998 **PCS Rating:** 8 Some minor chips; minor unpainted areas.		
N59. Superstructure Summary:	**Mostly assumed rating.**	**Summary Rating:**	**7**
C37. Pier Caps:	Widespread flex. & random map cracking @ piers.	1	7
C38. Pier Columns:	2 center piers w ext. HL map cracking; irg. Shrinkage cracks & small patched spalls; full height vert. crack (0.023") @ SE (sounded and found to be without delam.).	1	7
N60. Substructure Summary:		**Summary Rating:**	**7**

Bridge Inspection Report | *Safety Inspection*

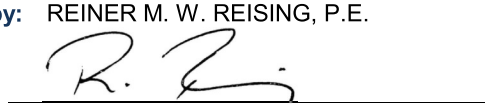
SFN: 3199996

Sycamore Street Pedestrian Overhead South of Central Parkway

Date Inspected: 05/04/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: 

Bridge No.: PRIVATE #41

C57. Utilities: Several conduits @ N side.

Utilities On Structure: N N N N N N N

65. Vertical Clearance: 15'-10" measured.

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 7 A

Inspection Notes: Inside S half inspected 2021.
Banners removed from outside of the bridge in 2021 (apparently will be replaced with other ones soon).

Recommended Maintenance:		Assigned to:
1.	Secure trim angle at bottom of bridge (N side) over roadway.	Owner
2.	Recoat bridge floor (outside bottom) to prevent continued corrosion.	Owner
3.	Determine cause of dripping rain water on S side near east building and address the issue.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3199821

Sycamore Street Pedestrian Overhead South of Sixth Street **Date Inspected:** 11/01/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 X

Signature: _____ **Bridge No.:** PRIVATE #42

Route: **Unit:** **Bridge Type** 321 / **Date Built / Date Rehabbed:** 1990 /

Load Rating Percent **(Main/Approach Spans)** **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Bridge closed since W building was sold; metal deck; enclosed, not visible; HL mostly long. cracking in plaster panels & light fixture corners; minor staining.	1	8
C11. Railing:	Enclosed skywalk w windows, metal handrail; skywalk closed to traffic.	1	9
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	2 overflow pipes @ E (N&S).	1	8
C13. Expansion Joints:	Not visible @ E; rubberized material @ W; W cover slightly loose; caulking loose @ outside @ E.	1	8
N58. Deck Summary:	**Deck floor not visible; partially assumed rating.**	**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Steel beams; enclosed, not visible.		
C18. Floor Beams:	Small steel floor beams; enclosed, not visible.		
C28. Arch Columns/Hangers:	Steel columns support roof (encased).		
N59. Superstructure Summary:	**Superstructure not visible; assumed rating; not redundant, not fatigue prone.**	**Summary Rating:**	**8**
C38. Pier Columns:	Enclosed, not visible; supported on adj. building @ W; columns enclosed.		
N60. Substructure Summary:	**Substructure not visible, assumed rating.**	**Summary Rating:**	**8**

65. Vertical Clearance: 16'-0". **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **8 X**

Inspection Notes: Inside not accessed during the 2021 inspection; façade appears to be recently caulked {fresh white caulk}.

General Notes: Bldg @ W sold, but bridge belongs to P&G; bridge accessible through small hatch @ E bldg; bridge no longer used, but utilities intact (equipped with alarm system).

Bridge Inspection Report | *Safety Inspection*

SFN: 3199983

Thorp Alley Pedestrian Overhead East of Race Street **Date Inspected:** 08/03/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: R. Reising **Bridge No.:** PRIVATE #43

Route: **Unit:** **Bridge Type** 111 / **Date Built / Date Rehabbed:** /

Load Rating Percent **(Main/Approach Spans)** **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Enclosed; not visible; deflection, minor cracks, efflor., & water staining of bottom plaster (separation from bottom row of bricks to top of steel angle over tunnel, esp. @ W).	2	6
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
N58. Deck Summary:	**Deck floor not visible; partially assumed rating.**	**Summary Rating:**	**6**
C14. Alignment of Members:		1	8
C15.2. Slab:	Enclosed; not visible.		
N59. Superstructure Summary:	**Superstructure not visible; assumed rating.**	**Summary Rating:**	**7**
C33. Abutment Walls:	Enclosed, not visible; supported on adj. bldgs; brick facades appears to be in good condition.		
N60. Substructure Summary:	**Substructure not visible; assumed rating.**	**Summary Rating:**	**7**
C55. Warning Signs:	VC sign is non-standard; missing numbers & letters @ W; no sign @ E.	4	1
65. Vertical Clearance:	Posted 14'-6"; sign obstructed - mostly missing; utility is reducing clearance to 13'-5".	**Vert. Clearance Rating:**	1
N59. General Appraisal and Oper. Status:	**Rating is mostly assumed.**	**General Appraisal / Operational Status:**	**7 A**

Inspection Notes: Clear opening (width) is 10'-1/2"
Inside inspected during 2013 inspection (2nd and 7th floor).
City (2020) in lawuit with owners; alleyway East of bridge appears to have settled; only few lights in the alley are on during daytime but not @ bridge where needed; 2021 many cars parked in alleyway below bridge (obstacle for pedestrians).

Bridge Inspection Report | *Safety Inspection*

SFN: 3199983

Thorp Alley Pedestrian Overhead East of Race Street

Date Inspected: 08/03/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 7 A

Signature: R. Reising

Bridge No.: PRIVATE #43

Recommended Maintenance:	Assigned to:
1. Replace Vertical Clearance Sign to reflect actual condition.	Owner
2. Check lights in the alley	Traffic

Bridge Inspection Report | *Safety Inspection*

SFN: 3199971

Tremont Street Pedestrian & Conveyor Overhead West of Beekman **Date Inspected:** 05/05/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 4 N

Signature: R. Reising

Bridge No.: PRIVATE #44

Route: **Unit:** **Bridge Type** 321 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** /

Load Rating Percent **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	True struct. floor enclosed, not visible; rust & sagging on lower conveyor; timber floor repaired in many locations, water damaged sections replaced in 2014.	3	4
C9. Curbs/Sidewalks:	Steel plates over plywood inside of bridge; obvious signs of (former?) water damage on walls and floor.		
C11. Railing:	Rusting of conveyor siding @ SE; 3 window panes broken.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Gutter along W fascia, single drainpipe @ NW; apparent water damage on inside @ d/s location (aparently new flashing above); also former water damage @ S with hole in roof repaired; E fascia wood unpainted but new roof and flashing 2021.	1	7
N58. Deck Summary:	**Deck floor not visible; part. assumed rating.**	**Summary Rating:**	**4**
C14. Alignment of Members:	Some minor misalignment of conveyor hangers.	1	7
C15.1. Beams/Girders:	Enclosed; no longer visible after floor repairs in 2014. (before: flanges of beam visible @ SW indicating heavy pitting); beam ends visible @ N from inside bldg.	2	5
C18. Floor Beams:	Enclosed, (not visible); lower conveyor floor beam ends visible; upper bridge timber floor beam encased now, (previously partially visible @ S indicating timber decay & poss. water damage.)	3	4
C25. Sway Bracing:	4 threaded rods used for bracing of lower conveyor - loose on both sides at N.	3	4
C30. Protective Coating System (PCS):	**System:** **Year:** **PCS Rating:** 0 Paint on hanger rods completely removed.		
C31. Pins/Hangers/Hinges:	18 hangers from upper ped. bridge support lower conveyor; slight sweep in several hangers; top conn. not visible; part. assumed rating	2	5
N59. Superstructure Summary:	**Most of superstructure is not visible; part. assumed rating.**	**Summary Rating:**	**4**
N60. Substructure Summary:	**Supported on adjacent buildings; N façade shows brick deterioration under bridge (bridge supported on steel bear inside N bldg, length of steel beam could not be determined), S façade has widespread conc. spalling w exp rebar under bridge (issues along the entire building façade); actual building connection not visible, hence part. assumed rating.**	**Summary Rating:**	**4**

Bridge Inspection Report | *Safety Inspection*

SFN: 3199971

Tremont Street Pedestrian & Conveyor Overhead West of Beekman **Date Inspected:** 05/05/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 4 N

Signature: _____ **Bridge No.:** PRIVATE #44

C57. Utilities: Many utilities inside of the structure.

Utilities On Structure: N N N N N N N

65. Vertical Clearance: 19'-6". **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **4 N**

Inspection Notes: Bridge currently not in use and should be removed if no future use is intended, particularly when considering the condition of the building ot the S.
S building abandoned since 2016 now superfund clean-up site.
Bridge blocked off at S. Main bridge accessible from N but is empty.
Inside and roof inspected (2017). Inside not inspected 2021.
Aparently new roof and flashing 2021.

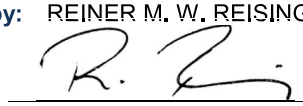
	Recommended Maintenance:	Assigned to:
1.	Refasten sways at N (2)	Owner
2.	Consider removing bridge and conveyor.	Owner
3.	Perform in depth insepction of concealed structural members (beams and floorbeams), share report with City.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3161803

Vine Street Pedestrian Overhead North of Erkenbrecher **Date Inspected:** 05/27/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 8 A

Signature: 

Bridge No.: PRIVATE #45

QA/QC Inspector: BRANDON M. LECRONE, P.E. **Safety Inspection ?** ☑

Signature: 

Route: VINE **Unit:** 0003 **Bridge Type** 344 / 111 **(Main/Approach Spans)** **Date Built / Date Rehabbed:** 2008 / 2019

Load Rating Percent 000

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	SIP CMD forms; painted black (2019), concealing former defects such as: LOS @ long. & trans. panel jts @ N & S edges, and abutments.	2	6
C9. Curbs/Sidewalks:	New membrane overlay (2019) over formerly cracked deck; membrane not fully extended over caulk @ NW, 2' from bridge end.	1	9
C11. Railing:	Steel tube railing w VPF; repainted in 2019; isol. chainlink corr. @ bottom of fence. Railing tubes are welded to truss diagonals @ bridge ends, not center were diagonals are smaller.	1	8
N36. National Safety Feature - Bridge Railing (0, 1 or N):	1		
C12. Drainage:	Off bridge; West approach drain cover missing 2 bolts; standing water in W drain.	1	8
C13. Expansion Joints:	Compression seals; actual joints covered w WABO plates.	1	8
N58. Deck Summary:	**Summary Rating:**		**6**
C14. Alignment of Members:		1	8
C18. Floor Beams:	Repainted (brown) 2019.	1	8
C19. Truss Verticals:	Repainted (brown) 2019.	1	8
C20. Truss Diagonals:	Repainted (brown) 2019.	1	8
C21. Upper Chord:	Repainted (brown) 2019; grey color shining through @ top inside edge of N truss.	1	8
C22. Lower Chord:	Repainted (brown) 2019.	1	8
C24. Lateral Bracing:	Repainted (brown) 2019.	1	8
C26. Bearing Devices:	Repainted (brown) 2019.	1	8
C30. Protective Coating System (PCS):	**System:** **Year:** 2019 **PCS Rating:**		8
	Repainted 2019; some areas where former orange paint shows through; isol. paint chipping.		
N59. Superstructure Summary:	**Not redundant; fatigue-prone welded trusses; vibrating noticibly under pedestrian traffic.** **Summary Rating:**		**8**

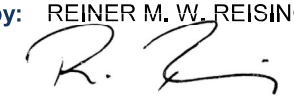
Bridge Inspection Report | *Safety Inspection*

SFN: 3161803

Vine Street Pedestrian Overhead North of Erkenbrecher

Date Inspected: 05/27/2021

Inspected by: REINER M. W. REISING, P.E. **QA/QC Inspection?** ☑ **Summary Rating / Operational Status** 8 A

Signature: 

Bridge No.: PRIVATE #45

QA/QC Inspector: BRANDON M. LECRONE, P.E. **Safety Inspection ?** ☑

Signature: 

C33. Abutment Walls:	E only (outside of inspection limits), supported by building @ W.	1	8
C37. Pier Caps:	Slight staining on stone veneer @ W.	1	8
C38. Pier Columns:	Completely enclosed in decorative masonry; assumed rating; few stones missing @ SW in moist area.	1	8

N60. Substructure Summary: **Mostly concealed behind decorative masonry.** **Summary Rating:** **8**

C57. Utilities:	Repainted utilities 2019; conduit separated @ NW abutment.	1	7

Utilities On Structure: Y N N U U N N

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **8 A**

Inspection Notes: Only main span over roadway is inspected. Vibrating under pedestrian loading.
W approach span steel corroding esp BF's @ fascia w LOS.

General Notes: Bridge limit imprinted - 5 ton vehicle limit (Continental Bridge - Alexandria, MN)

Bridge Inspection Report | *Safety Inspection*

SFN: 3199987

Vine Street Pedestrian Overhead South of Central Parkway **Date Inspected:** 05/04/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 8 A

Signature: _____ **Bridge No.:** PRIVATE #46

Route: **Unit:** **Bridge Type** 364 / **Date Built / Date Rehabbed:** 1982 /

Load Rating Percent **(Main/Approach Spans)** **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Covered by metal panels; enclosed; not visible; minor staining below bridge, lichen under some windows.	1	8
C7.2. Edge of Floor:	Few indentations at bottom, minor impact dents, 1 @ NE with scrapes & 4 smaller ones @ S.	1	7
C9. Curbs/Sidewalks:	Carpet on conc.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	2 inlets (1 @ each end); new roof installed 2009 (white membrane without balast), repairs made in 2014; evidence of minor ponding (slight discoloration around low spots on roof); staining on E façade.	1	8
C13. Expansion Joints:	Replaced (1995); concealed.	1	9
N58. Deck Summary:	**Deck floor not visible; part. assumed rating.**	**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Enclosed by metal panels; not visible.		
C18. Floor Beams:	Enclosed - not visible.		
C19. Truss Verticals:	Enclosed - actual support members not visible.		
C26. Bearing Devices:	Enclosed - not visible.		
N59. Superstructure Summary:	**Superstructure not visible - assumed rating.**	**Summary Rating:**	**8**
N60. Substructure Summary:	**Substructure not visible, supported on adjacent buildings; assumed rating.**	**Summary Rating:**	**8**

C57. Utilities: Many, all enclosed.

Utilities On Structure: N N N N N N N

Bridge Inspection Report | *Safety Inspection*

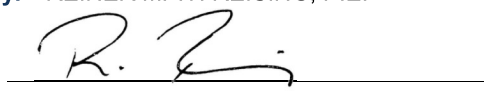
SFN: 3199987

Vine Street Pedestrian Overhead South of Central Parkway

Date Inspected: 05/04/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: 

Bridge No.: PRIVATE #46

65. Vertical Clearance: 15'-7" measured.

Vert. Clearance Rating: 1

N59. General Appraisal and Oper. Status:

General Appraisal / Operational Status: 8 A

Inspection Notes: Inside last accessed during the 2021 inspection; roof observed from East side upper floor (2021).

Bridge Inspection Report | *Safety Inspection*

SFN: 3199984

Weaver Alley Pedestrian Overhead - 1st East of Race Street (4 Levels) **Date Inspected:** 05/18/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 A

Signature: R. Reising

Bridge No.: PRIVATE #47

Route: **Unit:** **Bridge Type** 111 / **(Main/Approach Spans)** **Date Built / Date Rehabbed:** /

Load Rating Percent **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Many spalls w exp. Rebar (4 longitudinal bars & 17 stirrups) and delaminated loose concrete @ fascias; scrapes from impact; several delaminations & crumbling concrete (<2" deep).	2	6
C9. Curbs/Sidewalks:	Carpet over conc. @ 3 floor levels; evidence of water damage @ top level (several ceiling plaster spalls).		
C11. Railing:	None; 4 level enclosed skywalk; windows @ W only.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Membrane roof (walkable) w/ one inlet (appears func.); roof membrane cracking at few locations; evidence of water damage and ongoing leaking (3 destinct areas of plaster deterioration in top level ceiling).	2	5
N58. Deck Summary:		**Summary Rating:**	**6**
C14. Alignment of Members:		1	8
C15.2. Slab:	Enclosed; not visible d/t brick facade; also see FLOOR.		
N59. Superstructure Summary:	**Superstructure not visible; assumed rating.**	**Summary Rating:**	**6**
C34. Abutment Caps:	Supported on concrete lintels over brick wall. N façade cracks do not appear to be bridge related.	1	7
N60. Substructure Summary:	**Partially assumed rating.**	**Summary Rating:**	**7**
C55. Warning Signs:	Non-standard signage{painted}; fading, widespread peeling of paint.	2	6
65. Vertical Clearance:	Posted 11' @ center.	**Vert. Clearance Rating:**	1
N59. General Appraisal and Oper. Status:		**General Appraisal / Operational Status:**	**6 A**

Inspection Notes: Inside not accessed during 2021 inspecion.
Alley blocked by container.
S building owner aparently got quote for concrete patching over alley in January 2017 and half of the cost was paid by north owner, however the repairs were never made.

Bridge Inspection Report | *Safety Inspection*

SFN: 3199984

Weaver Alley Pedestrian Overhead - 1st East of Race Street (4 Levels) **Date Inspected:** 05/18/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 6 A

Signature:

Bridge No.: PRIVATE #47

	Recommended Maintenance:	Assigned to:
1.	Chip loose concrete from haunches & patch.	Owner
2.	Seal cracks in the roof membrane, check/repair flashing and repair plaster damage of ceiling in top floor inside.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3199985

Weaver Alley Pedestrian Overhead - 2nd East of Race Street (High) **Date Inspected:** 05/18/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 8 A

Signature: R. Reising

Bridge No.: PRIVATE #48

Route: **Unit:** **Bridge Type** 111 / (Main/Approach Spans) **Date Built / Date Rehabbed:** /

Load Rating Percent **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Enclosed; not visible.	1	8
C11. Railing:	None; enclosed skywalk.		
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Rubber membrane roof w 1 inlet; appears functional, minor ponding @ S.	1	8
C13. Expansion Joints:	None apparent.		
N58. Deck Summary:	**Deck floor is not visible; partially assumed rating.**	**Summary Rating:**	**8**
C14. Alignment of Members:		1	8
C15.1. Beams/Girders:	Enclosed; not visible.		
N59. Superstructure Summary:	**Superstructure not visible; assumed rating.**	**Summary Rating:**	**8**
C33. Abutment Walls:	Supported on adjacent buildings, enclosed not visible.	1	8
N60. Substructure Summary:	**Substructure not visible; assumed rating.**	**Summary Rating:**	**8**

65. Vertical Clearance: **Vert. Clearance Rating:** N

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **8 A**

Inspection Notes: Interior plaster walls @ exterior façades to both bridge & adjacent buildings are in generally good condition.
Interior not accessed during the 2021 Inspection (doors from parking garage side are locked).

Bridge Inspection Report | *Safety Inspection*

SFN: 3160289

William Howard Taft, Etc., over Private Tunnel

Date Inspected: 04/12/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 3 A

Signature: R. Reising

Bridge No.: PRIVATE #49

Route: WTAFT **Unit:** 3371

Bridge Type 095 / NNN (Main/Approach Spans)

Date Built / Date Rehabbed: 1900 /

Load Rating Percent 150

Safety Inspection ? ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
N36. National Safety Feature - Bridge Railing (0, 1 or N):			
C44. Culvert - General:	General mortar and brick det. throughout; most sev. issues are located in the S half of the tunnel with areas where 2 courses of brick fell and surface damage to the third course; shifting of second and third layer bricks in some locations; widespread leaking through mortar jnts, washing out mortar or turning mortar into sand (which causes bricks to fall esp. between 2 and 10 o'clock); locations with previous gunnite repair have cracks from hairline up to 1/4 inch wide with build-up of efflor.; significant water infiltration through the brick everywhere, but esp @ SE; multiple safety niches on E side of tunnel with backfill eroding into the tunnel; several areas of spalled brick were detected where roots entered the tunnel. Several areas within reach were sounded, and many unsound regions detected. This does not appear to be necessarily related to the loss of mortar between adjacent bricks of the outer course, but due to a separation of the outer course from the next course.	3	3
C45. Culvert - Alignment:		1	8
C48. Culvert - Head/End Walls:	Several spalls @ S with exposed rebar. Exposed and bent bar @ S headwall arch. N headwall with many stones around tunnel opening cracked, delaminated or even spalled. Railing over N portal not continuous; missing 1 hor. Top rail.	2	5

N60. Culvert Summary: **Total number of brick layers is unknown, but there are drilled holes that are +/- 28" deep holes in lower half of tunnel. The nearby McMillan Tunnel is made up of 5 courses, it can be assumed that there are at least 5 courses here as well.** **Summary Rating: 3**

C1. Pavement: The tunnel goes underneath Taft (under bridge though), Oak, May, June, and Crown Streets. Pavement conditions varies between streets. No apparent impact of tunnel to street pavements.

C4. Embankment:	Landslides and deteriorating slate exist at the South embankments, landslides continued in 2020 @ S moving trees in front of tunnel entrance. Failure of the concrete slop protection of the Wm H Taft Bridge over I-71 (E span), which is on top of the tunnel; water leaking into fill at this location). Small sinkhole near parking lot off Oak Street (in grassy area), does not appear to be tunnel related. Guardrail at Crown Street removed (impact?) and replaced with concrete bollards (temporarily?), this is over a lot of fill and should not impact the tunnel.	2	5

N36.2. National Safety Feature - Guardrail Transitions (0, 1 or N): N

N36.3. National Safety Feature - Approach Guardrail (0, 1 or N): N

Bridge Inspection Report | *Safety Inspection*

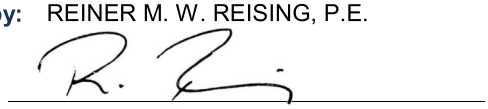
SFN: 3160289

William Howard Taft, Etc., over Private Tunnel

Date Inspected: 04/12/2021

Inspected by: REINER M. W. REISING, P.E.

Summary Rating / Operational Status 3 A

Signature: 

Bridge No.: PRIVATE #49

N36.4. National Safety Feature - Approach Rail Ends (0, 1 or N): N

C6. Approaches Summary: **Summary Rating:** **5**

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **3 A**

Inspection Notes: During 2021 inspection all bldg's on Crown St. are in the process of being torn down.

Recommended Maintenance:	Assigned to:
1. Perform extensive structural repairs in areas where sections of brick have fallen or are ready to fall.	Owner

Bridge Inspection Report | *Safety Inspection*

SFN: 3199969

Winslow Avenue Pedestrian Overhead North of Oak Street **Date Inspected:** 10/08/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** PRIVATE #50

Route: **Unit:** **Bridge Type** 344 / **Date Built / Date Rehabbed:** 1987 /

Load Rating Percent **(Main/Approach Spans)** **Safety Inspection ?** ☑

Inspection Information

		Rating 1 to 4	Rating 9 to 0
C7.1. Floor:	Enclosed; not visible; water stains on panels suspended from floor (underside of bridge, esp in Center on S side.		
C9. Curbs/Sidewalks:	Inside slope uneven by design (?) heigh at FBs/diagonals, sagging in between.		
C11. Railing:	Steel handrail; glass enclosed skywalk 5 window panels @ S interally fogged with "sediments" at bottom; window flashing not tight esp. @ SE; some fasteners missing @ flashing below window. A more brittle sealant (with visible cracks) is exposed @ some locations above & below windows @ fascia's. This should be investigated and repaired so that no water can enter. Widespread corrosion with some pitting under windows @ S.	1	7
N36. National Safety Feature - Bridge Railing (0, 1 or N):	N		
C12. Drainage:	Ballasted membrane roof; drains @ E appear open.	1	9
C13. Expansion Joints:	Floor seal damaged @ W (depressed in walking path); minor staining on bricks & drywall (inside @ E end).	1	7
N58. Deck Summary:	**Deck floor not visible; partially assumed rating.**	**Summary Rating:**	**7**
C14. Alignment of Members:		1	8
C18. Floor Beams:	Enclosed, not visible.		
C19. Truss Verticals:	Circular steel tubing; visible @ E end only; welded to UC & LC.	1	9
C20. Truss Diagonals:	Circular steel tubing welded to UC & LC.	1	9
C21. Upper Chord:	Mostly enclosed; rolled WF sections; full penetration welds.	1	8
C22. Lower Chord:	Mostly enclosed; rolled WF sections; full penetration welds; localized corr. to TF under windows w minor LOS, esp. @ NE.	1	7
C26. Bearing Devices:	Enclosed; not visible.		
C30. Protective Coating System (PCS):	**System:** **Year:** 1987 **PCS Rating:** 8 Minor flaking & rusting.		
C32. Fatigue Prone Details:	Full penetration welds @ chord splices, mostly concealed; slight vertical offset at S splice.	1	8
N59. Superstructure Summary:	**Enclosed; most structural elements not visible; partially assumed rating; not redundant, highly fatigue prone welded truss.**	**Summary Rating:**	**7**

Bridge Inspection Report | *Safety Inspection*

SFN: 3199969

Winslow Avenue Pedestrian Overhead North of Oak Street **Date Inspected:** 10/08/2021

Inspected by: REINER M. W. REISING, P.E. **Summary Rating / Operational Status** 7 A

Signature: _____ **Bridge No.:** PRIVATE #50

C37. Pier Caps:	Concealed @ W; small shallow spall @ E cap.	1	8
C38. Pier Columns:	Supported on conc. tower @ W (concealed) & on conc. pier @ E; very fine HL map cracking {assumed to be surface only}.	1	8
N60. Substructure Summary:		**Summary Rating:**	**8**

65. Vertical Clearance: **Vert. Clearance Rating:** 1

N59. General Appraisal and Oper. Status: **General Appraisal / Operational Status:** **7 A**

Inspection Notes: Several ceiling tiles stained, or shifted as a result of past leaking or repairs; inside not inpsected 2021.

Recommended Maintenance:	**Assigned to:**
1. Repair Seals above and below windows (outside).	Owner
2. Seal/repair fogged windows.	Owner

2021 Pavement Management Services
Pavement Condition Report
City of Cincinnati, Ohio
June 2022

Prepared by:
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Orlando, FL 32828
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1.0 Executive Summary

Data Transfer Solutions, LLC (DTS) performed a pavement condition assessment for the City of Cincinnati, Ohio, to complement and update the existing Pavement Management Plan (PMP). The data collection started in August 2021 and was completed in December 2021. This report provides the processes and procedures for pavement condition data collection and evaluation, assessment of the results, and maintenance recommendations for the City's maintained roadway network.

The pavement condition assessment includes an automated mobile data collection, calculated Pavement Condition Index (PCI), measured International Roughness Index (IRI) based on the previously listed parameters, and the delivery of an ESRI file geodatabase. The assessment and conditions rating were performed in general accordance with national standards, where applicable.

PAVER® Pavement Management Software (PMS) was used to calculate the PCI. The PCI is a numerical rating of the pavement condition based on the type and severity of distresses observed on the pavement surface. The PCI value is represented by a numerical index between 0 and 100, where 0 is the worst possible condition and 100 is the best possible condition. The network PCI was determined following the American Society for Testing and Materials (ASTM) D6433-20 "Standard Practice for Roads and Parking Lots Pavement Condition Index Surveys." The average of the road segment PCI values for the collected roads was calculated to be **66** at the time of collection. This value indicates the roadway network is generally in 'Fair' condition.

Table 1 lists the roadway network system surveyed as part of this pavement condition project.

Table 1: Pavement Inspection Breakdown

Item	Description	Centerline Miles	Percent of Centerline Miles
1	Asphalt Segments with PCI	884.35	94.20%
2	Concrete Segments with PCI	30.23	3.22%
3	Brick Segments	4.48	0.48%
4	Alleys / Boots on the Ground	14.19	1.51%
5	Not Collected – Does Not Exist	0.91	0.10%
6	Not Collected – Inaccessible	2.91	0.31%
7	Not Collected – Unsurfaced	1.65	0.18%
	Total With PCI	914.58	97.42%
	Total Without PCI	24.14	2.58%
	Total	**938.72**	**100%**

2.0 Introduction

A pavement condition survey was conducted from August 2021 to December 2021 on 914.58 centerline miles of the City's 938.72 centerline mile network. A Mobile Asset Collection (MAC) vehicle was used to collect street-level right-of-way (ROW) and pavement images. Pavement images were used to determine street segment pavement conditions, while the street level ROW images were used to identify area distresses. The roadways analysis results were used to develop multiple budget scenarios in VUEWorks® Asset Management Software (AMS) and evaluate the maintenance needs of the City's roadway network.

Roadway networks are usually divided into four pavement surface types: Asphalt Concrete (AC), Portland Cement Concrete (PCC), Brick (BR), and Unsurfaced (UNS). The distribution of the roadway network by surface types in the City is displayed in Figure 1. These roads account for the entirety of the collected roadway network, with approximately 914.58 centerline miles (97.42%) of the surveyed roads. Approximately 24.14 centerline miles (2.58%) of roadway were unable to be collected (Table 1 lists the inspection breakdown).

The pavement condition survey included a set of pre-defined parameters to develop a segment and network-level index (number) that correlates to existing pavement surface conditions. This project used the ASTM D6433-20 'Standard Practice for Roads and Parking Lots Pavement Condition Index Surveys' pavement condition analysis method to determine the road segment and network PCI. The ASTM D6433-20 method covers the process of quantifying pavement conditions and identifies pavement distress types, distress extent measurements, and distress severity. ASTM D6433-20 outlines the method of PCI value calculation.

This project used PAVER® PMS to calculate the PCI value and analyze the network PCI ranges. Additionally, VUEWorks® AMS was used in a parallel analysis to set maintenance procedures and associated costs, develop budgets, and plan projects to meet the City's pavement maintenance requirements.

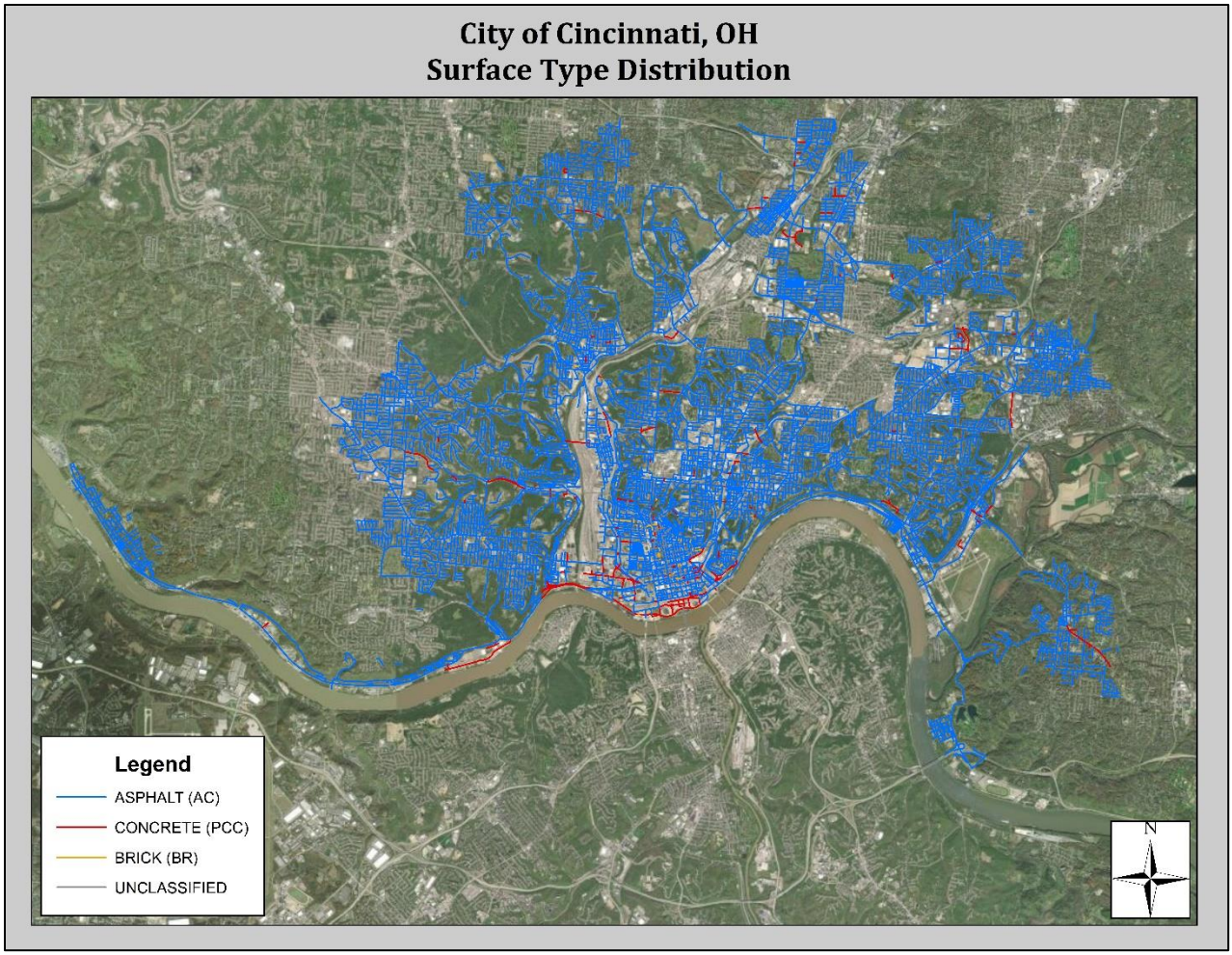

Figure 1: Surface Type Distribution

2.1 Sample Units

The ASTM D6433-20 procedure outlines how the road network is divided into sections and sample units; first identifying the branches of the pavement with different uses, then dividing each branch into sections based on pavement design, construction history, traffic, and condition. These sections are then divided into sample units that are approximately 2,600 square feet in size. The number of sample units to be inspected within each area may vary based on the following options: all the sample units in the section, a number of sample units that provides a 95% confidence level, or a lesser number. DTS typically follows the 95% confidence level method for a cost-efficient representation. Once the number of sample units to be inspected has been determined, the spacing interval of the units is computed using systematic random sampling. Samples are spaced equally throughout the section, with the first sample selected at random, at least 100 feet from the intersection. The samples surveyed within the City of Cincinnati consisted of approximately 309.46 centerline miles, comprising 32.97% of the entire network.

DTS believes this sampling method provides the most economical representation of the 938.72 centerline miles of pavement conditions within the City of Cincinnati. This approach has been used as a national standard for over 40 years to provide adequate representation of the roadway without the need to expend excessive time and money to evaluate 100% of the roadway.

Based upon the national standards, the first survey sample is typically not located within 100 feet of an intersection for multiple reasons. Intersections often contain specific distresses that are not observed throughout the remainder of the pavement section and would not represent the condition of the overall section. Intersections also receive traffic from both directions, along with severe turning and stopping movements that are not indicative of the traffic in most of the pavement sections. As a result, specific and localized maintenance may be required for the intersections. It is important to note that the PCI method is designed as a network-level analysis for the overall condition of pavement sections and is not intended to provide the information required to make complex maintenance decisions. DTS recorded and provided images for all intersections; therefore, distress and condition ratings can be extracted from the intersections' images upon request.

3.0 Purpose

The purpose of this report is to describe the tools, processes, and procedures used to collect and analyze the pavement condition data, as well as provide a summary of the results obtained from calculating each segment's PCI using PAVER® PMS.

A pavement begins to deteriorate from the day it is constructed. Many factors affect the deterioration rate, such as the traffic loads, climatic conditions, age, material durability, damage caused by poor drainage, and construction factors. These factors cause the deterioration rate to be different for every pavement section. In order to manage an extensive pavement network, "family performance curves" were developed from available data to represent the expected performance of like roadways and help determine optimal times to apply preventive and rehabilitation treatments. In order to create more accurate curves, periodic evaluations of the pavement condition must be performed to gain a realistic representation of the condition versus the age of the pavement network. The graph in Figure 2 provides an example deterioration curve that represents the exponential deterioration of a typical pavement.

As shown in the graph, the initial deterioration of the pavement is at a slow rate and after approximately 40% to 50% of a pavement's service life, the pavement rapidly deteriorates. Understanding the condition and age at which this rapid drop in condition occurs is valuable in determining the optimal time for maintenance. This philosophy is the basis for good pavement management. This condition evaluation aims to understand better the value of preventive maintenance versus reactive maintenance, which is often at a much higher cost.

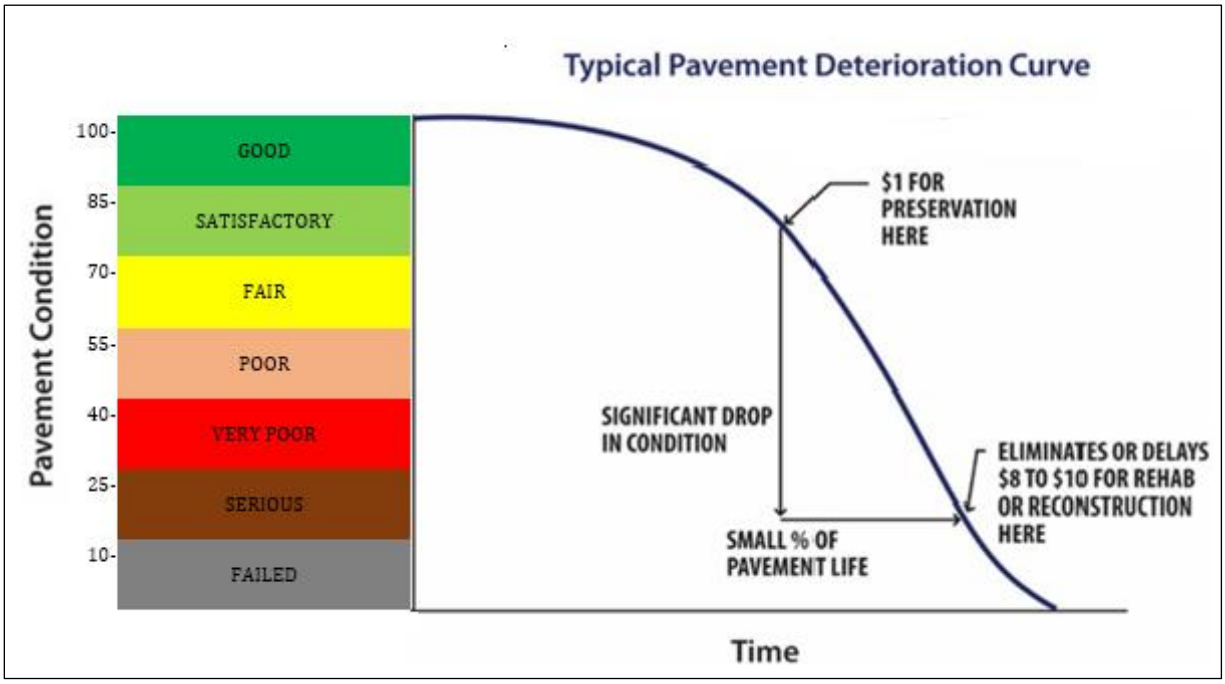

Figure 2: Deterioration Curve Example

The industry standard is to assess pavements every three to five years. More frequent assessments will likely not indicate significant changes in the condition since most pavements are anticipated to deteriorate two to five points per year. Assessments that take place more than five years apart will likely miss critical changes and not provide adequate data to define points in the curve where

preventive maintenance is best applied. DTS recommends assessments every three years for networks greater than 500 miles.

Each road segment's install/construction date was back-calculated based upon its current PCI score and the VUEWorks® deterioration curve displayed in Figure 3. Every road segment's PCI value is anticipated to deteriorate according to this curve until pavement maintenance work is performed. The VUEWorks® deterioration curve is based on the assumption of a 35-year life for asphalt roads.

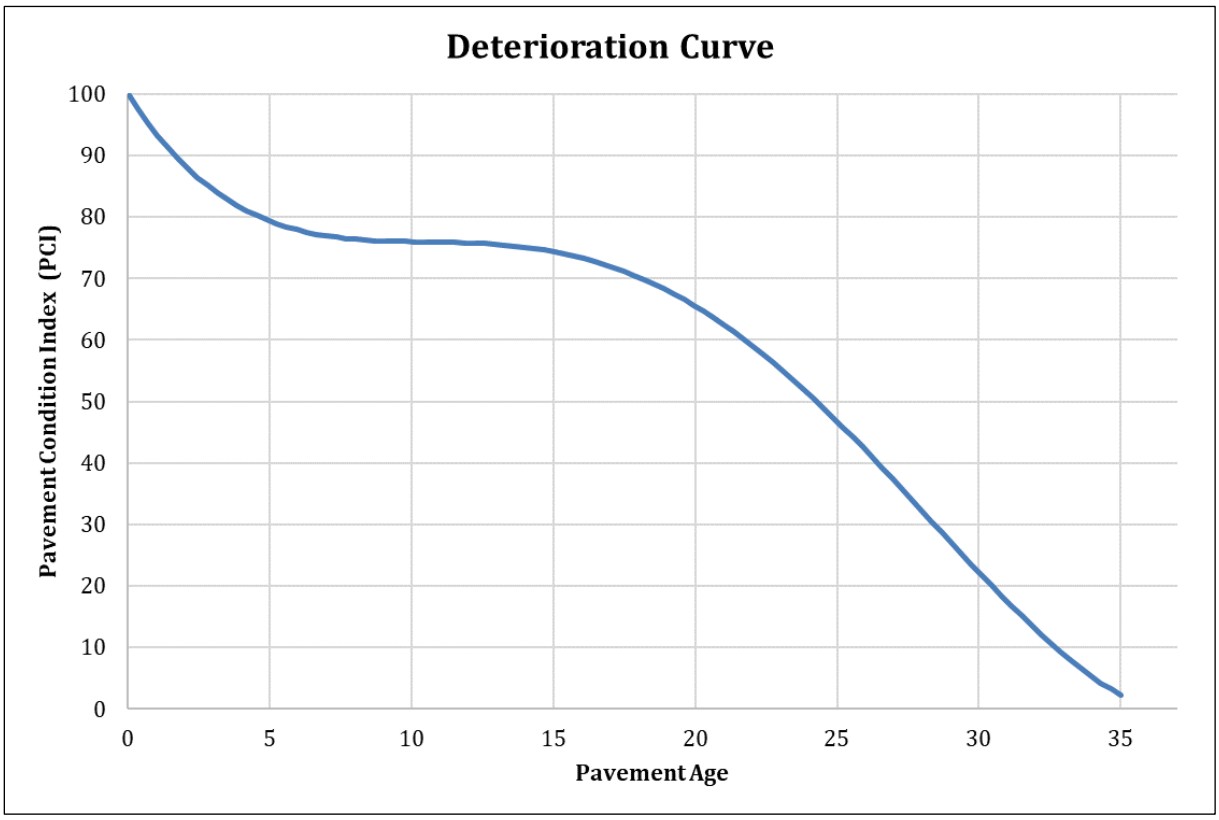

Figure 3: Deterioration Curve

4.0 Project Scope and Methodology

The overall project scope of work included the six tasks outlined below:

- Verify the City's road network
- Mobile image data collection
- Pavement Condition Index (PCI)
- International Roughness Index (IRI)
- Pavement condition final report
- Pavement maintenance methods

5.0 Automated Data Collection and Equipment

In order to determine the general distress characteristics of each roadway segment, DTS utilized a MAC vehicle, displayed in Figure 4, to collect street-level ROW imagery and downward pavement imagery. The MAC vehicle used a Class 1 device as defined by the specifications.

DTS MAC vehicles combine multiple engineered technologies to collect real-time pavement data, ROW data, and images at posted speed limits. This effectively eliminates the need to place pavement inspection technicians in the field in close proximity to vehicle traffic. Some MAC vehicle components include:

Navigation System

- **Inertial Measurement Unit (IMU)**: Generates an accurate representation of vehicle motion in all three axes; produces continuous, precise position and orientation information
- **Position and Orientation Computer System**: Enables raw GPS data from as few as one satellite to be processed directly into the system, to compute accurate positional information in areas of intermittent, or no GPS reception
- **GPS Receivers**: Provide heading aiding to supplement the inertial data
- **GPS Antennas**: Generate raw observables data
- **Sub-meter accuracy:** Rated to get 0.3 m accuracy in the X, Y position and 0.5 m in the Z position

Distance Measuring Indicator (DMI)

- Allows for collection of high-resolution imagery at posted speeds. DMI computes wheel rotation information to aid vehicle positioning.

Cameras

- High-definition cameras with precision lenses allow for accurate asset extraction and videolog recording
- Frame rate: 15 images per second, with 1936 x 1456 color resolution

Pavement Imaging System

- Two line-scan cameras and lasers configured to image 4m transverse road sections with 1 mm resolution (4000 pixel) at speeds that can reach 100 km/h
- Allows fully illuminated pavement image collection even in heavy shadow/canopy areas



Figure 4: DTS MAC Vehicle

Downward-facing pavement images were used in quantifying distress type, severity, and extents present on segments of the road. The resolution of the imagery allows for distresses to be easily identified and measured during the analysis portion of the contract.

The mobile image collection of the City's roadway network was accomplished through coordination with the City's staff. Efforts associated with the mobile image collection included a review of the client's GIS street centerline file, route planning based on the GIS street centerline, and coordination of existing construction projects along the City's streets. DTS and the City's staff reviewed all MAC image collection routes to assure all roads attained complete image coverage. This effort was accomplished by checking a GIS shapefile of the MAC daily GPS point associated with each image collected overlaid on the GIS street centerline file, as displayed in Figure 5. The DTS MAC vehicle collected pavement and ROW images every 25 feet along each street segment.

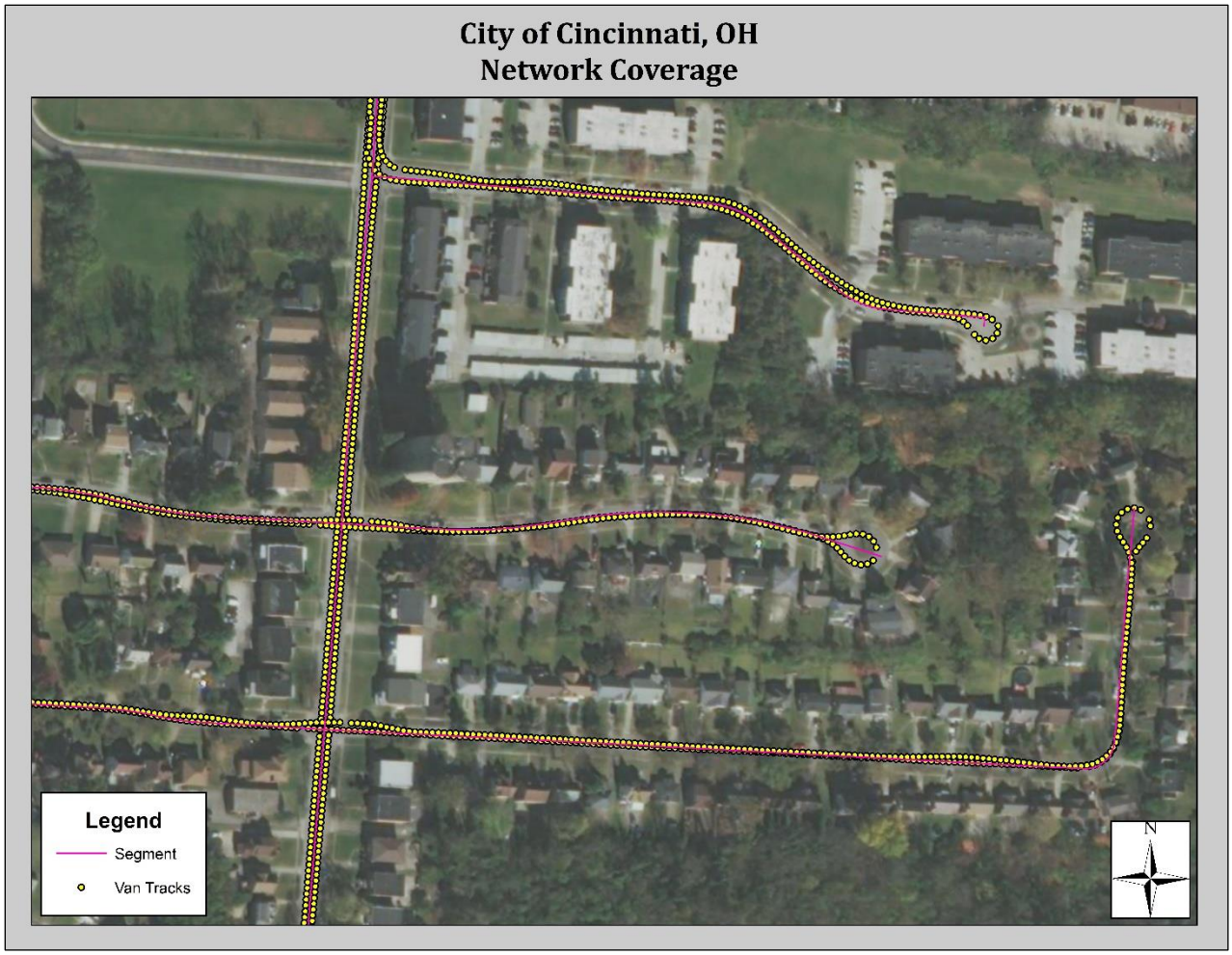

Figure 5: Network Coverage Map

DTS MAC image collection included a daily check of the onboard systems. This vehicle component check consisted of a calibration site survey of a nine-point grid in state plane coordinates, as displayed in Figure 6. Each morning and afternoon, before and after a day's image collection, the MAC vehicle drove over the surveyed location. The MAC technician then extracted each point's location to verify the location of the point extracted was within approximately three feet of the surveyed points. DTS' QA/QC manual includes additional details regarding MAC quality control procedures.



Figure 6: Nine-Point Calibration Site Example

Each day's image and road data collection were recorded on a MAC server and backed up to an external hard drive. The external hard drives were mailed back to DTS's office. The data was placed on a production server for post-processing of images and data, quality control review, and pavement distress inventory.

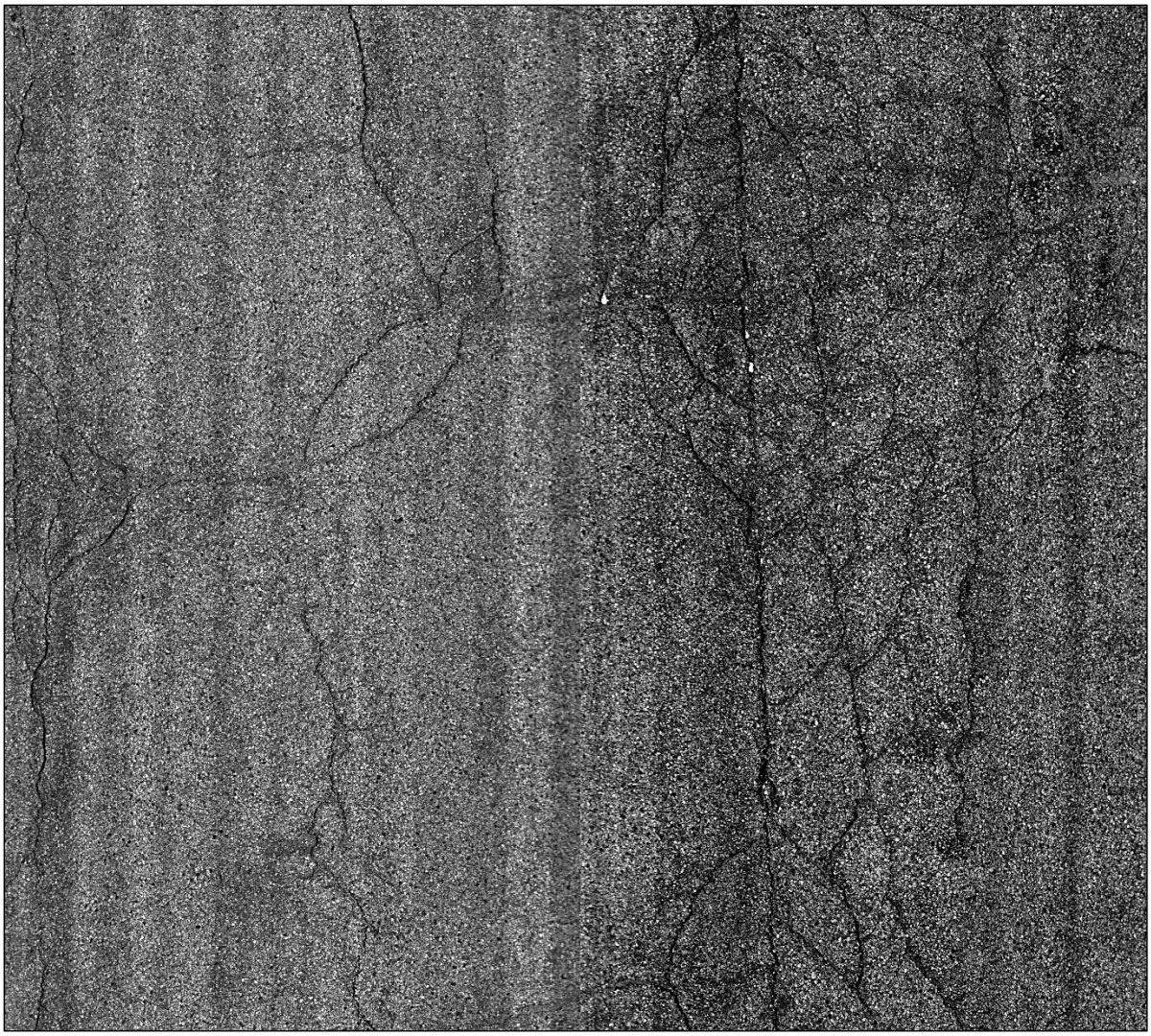

Figure 7: Pavement Image Example

ROW images were also collected as part of this contract. Figure 8 displays an example of a ROW image. The MAC vehicle was configured with a four-camera setup; three forward-facing cameras and one rear-facing camera. The images were captured at roughly 25-feet intervals and were post-processed using collected inertial and GPS data. This allowed for more accurate asset extraction to be completed.



Figure 8: Right-of-Way Image Example

The automated data collection effort for the City of Cincinnati roadway network began in August 2021 and was completed in December 2021.

6.0 Pavement Condition Assessment

The MAC GPS, IMU, DMI, and ROW imagery is post-processed daily. A project data dictionary that includes all distress types and allowable severities was created after coordination with the City. This data dictionary is provided to trained pavement condition technicians who utilize DTS' spatial image analysis software EarthShaper™ to analyze and digitize pavement distress types, extents, and severities as a point, line and/or polygon, as displayed in Figure 9. Depending on the distress type measurement required by the project data dictionary, each distress was digitized, recorded in the pavement condition database, and associated with the surveyed road section. In addition, each road section's total type, severity and extent of distresses was calculated.

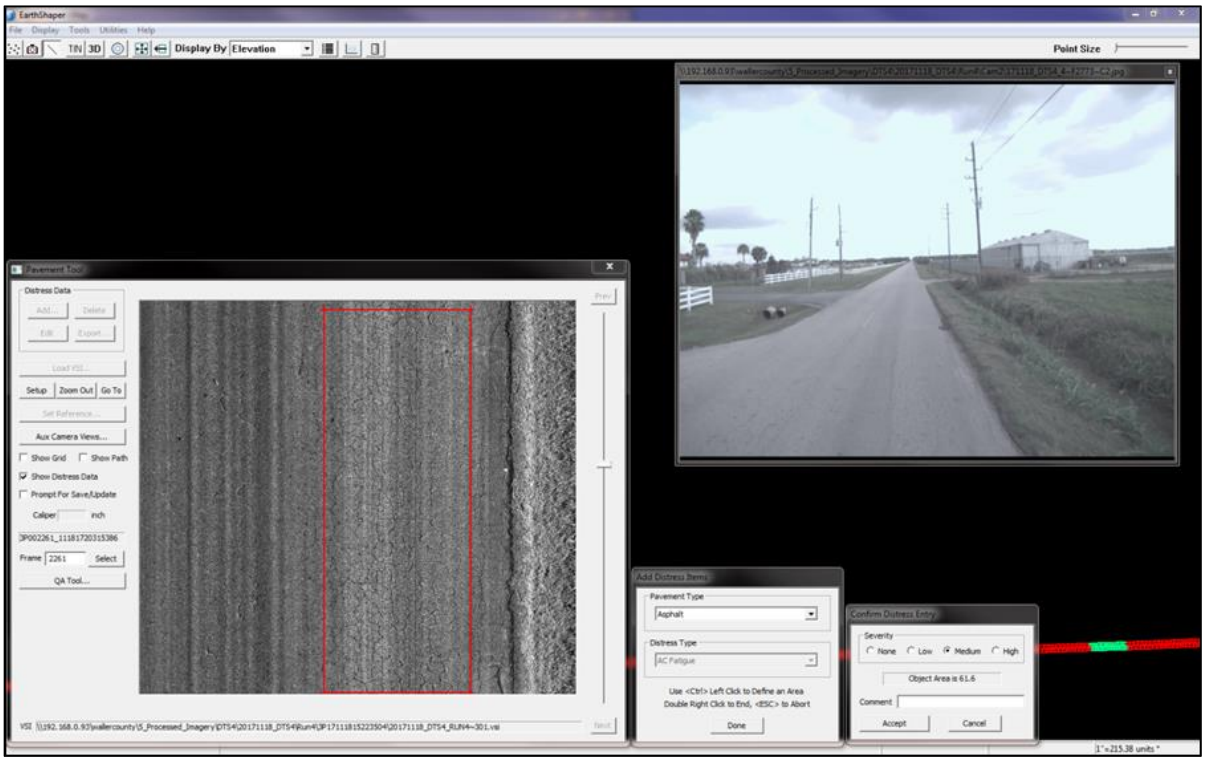

Figure 9: EarthShaper™ Pavement Tool Example

This method of pavement distress inventory provides a quantifiable and repeatable process for the City to use in future MAC image collection projects. Each road segment, in conjunction with the pavement and ROW imagery, allows pavement engineers to review each pavement technician's data, allowing for an open quality control process.

After completion of distress identification and analysis, the City's roadway network distress data was then imported into PAVER® PMS, where the PCI was calculated.

6.1 Pavement Distress Inventory

A pavement distress inventory identifies specific pavement surface distress types associated with the degradation of a pavement surface due to traffic loads, environmental factors, lack of maintenance, and other anthropogenic or natural occurrences. The distress type is then assigned a severity rating (low/medium/high), and the extents of the distress type and severity are recorded. For this project, the pavement distress types, severity definitions, and measurements were inventoried utilizing the ASTM D6433-20 method of pavement condition assessment for both AC and PCC surface types. The inspections covered 100% of the length of a sample for the outside lane of travel and, for roads with three or more lanes, the inspection covered the outside and the inside lane. Those roads were inspected utilizing the ASTM D6433-20 sampling approach (completed for both directions of travel).

Definitions (units of measure)

- AC Bleeding & Pumping (ft^2) represents excessive use of bituminous binder in the asphalt mix.
- AC Fatigue (Alligator) Cracking (ft^2) is associated with fatigue due to traffic loading and visually looks as interconnected cracks forming small pieces ranging in size from about 1" to 6" typically in the wheel path.
- AC Block Cracking (ft^2) usually intersects at nearly right angles and ranges from one foot to 10' or more across. The closer spacing indicates more advanced aging caused by the shrinking and hardening of the asphalt over time.
- AC Edge Cracking (ft) is parallel to and usually within 1.5 feet of the outer edge of the pavement. This distress is accelerated by traffic loading and can be caused by a frost-weakened base or subgrade near the edge of the pavement.
- AC/PCC Lane/Shoulder Drop-off (ft) is a difference in elevation between the pavement edge and the shoulder. This distress is caused by shoulder erosion, shoulder settlement, or by building up the roadway without adjusting the shoulder level.
- AC Linear Cracking (trans/long) (ft) typically occurs in overlays where the crack is reflected through the overlaying asphalt surface.
- AC Patching (ft^2) is an area of pavement that has been replaced with new material to repair existing pavement.
- AC Potholes (count) are small, usually less than 30 inches in diameter, bowl-shaped depressions in the pavement surface. Generally, have sharp edges and vertical sides near the top of the hole.
- AC Raveling & Weathering (ft^2) is the loss of pavement material from the asphalt surface. Typically raveling is caused by stripping off the bituminous film from the aggregate or hardening of asphalt due to aging. Poor compaction, especially in cold weather construction, or insufficient asphalt content are also causes of raveling.
- AC Slippage Cracking (ft^2) is the crescent of half-moon-shaped cracks, usually transverse to the direction of travel. They are produced when braking or turning wheels cause the pavement to slide or deform.
- AC Rutting (ft^2) is a surface depression in the wheel paths.
- PCC Corner Break (slab count) is a crack that intersects the joints. Load repetition combined with a loss of support and curling stresses usually cause corner breaks.
- PCC Divided Slab (slab count) is when a slab is divided into four or more pieces due to overloading or inadequate support.

- PCC Durability "D" Cracking (slab count) is caused by freeze-thaw expansion of the large aggregate, which gradually breaks down the concrete. Usually appears as a pattern of cracks running parallel and close to a joint or linear crack.
- PCC Joint Sealant Damage (slab count) is any condition that enables soil or rocks to accumulate in the joints or allows significant water infiltration.
- PCC Linear Cracking (trans/long) (slab count) divides the slab into two or three pieces and is usually caused by a combination of repeated traffic loading, thermal gradient curling and repeated moisture loading.
- PCC Patching, Large/Utility Cut (slab count) is an area where the original pavement has been removed and replaced by new pavement.
- PCC Patching, Small (slab count) is an area where the original pavement has been removed and replaced by filler material.
- PCC Polished Aggregate (slab count) is caused by repeated traffic applications. There are no rough or angular aggregate particles to provide good skid resistance.
- PCC Popouts (slab count) is a small piece of pavement that breaks loose from the surface due to freeze-thaw action, combined with expansive aggregates. Usually range in diameter from 1 to 4 inches and in depth from ½ to 2 inches.
- PCC Punchout (slab count) is a localized area of the slab that is broken into pieces. This distress is caused by heavy repeated loads, inadequate slab thickness, loss of foundation support, or localized concrete construction deficiency.
- PCC Scaling/Map Cracking/Crazing (slab count) is a network of shallow, fine or hairline cracks that extend only through the upper surface of the concrete. Usually caused by concrete over-finishing and may lead to scaling, which is the breakdown of the slab surface to a depth of ¼ to ½ in.
- PCC Shrinkage Cracks (slab count) are hairline cracks usually less than 6 feet long and do not extend across the entire slab. They are formed during the setting and curing of the concrete and do not extend through the depth of the slab.
- PCC Spalling, Corner (slab count) is the breakdown of the slab within 1.5 feet of the corner. Usually caused by traffic loading or infiltration of incompressible materials, weak concrete and/or water accumulation and freeze-thaw action.
- PCC Spalling, Joint (slab count) is the breakdown of the slab edges within 1.5 feet of the joint. Usually caused by traffic loading or infiltration of incompressible materials, weak concrete and/or water accumulation and freeze-thaw action.

6.2 Pavement Condition Index (PCI) Calculation

Each Road segment's PCI was calculated utilizing PAVER® PMS. This PMS is based on the ASTM D6433-20 method of calculating a road segment's PCI value using the pavement inventory database and ASTM D6433-20 deduct curve.

With a completed pavement condition inventory database, DTS imported the road segment, inspection, sample, and distress information into the PMS, where the PCI was calculated. ASTM D6433-20 is based on a 0 to 100 rating scale where 0 represents a failed roadway condition and 100 represents an excellent roadway condition. Table 2 displays the PCI condition groups.

Table 2: ASTM D6433-20 PCI Condition Groups

PCI Range	Condition Description
86 - 100	GOOD
71 - 85	SATISFACTORY
56 - 70	FAIR
41 - 55	POOR
26 - 40	VERY POOR
11 - 25	SERIOUS
0 - 10	FAILED

Table 3 lists the ASTM D6433-20 PCI range categories, condition description, and percent of the network in each range category.

Table 3: ASTM D6433-20 PCI Ranges by Percent

PCI Range	Condition Description	Centerline Miles	Percent of Network
86-100	Good	216.26	23.04%
71-85	Satisfactory	216.01	23.01%
56-70	Fair	177.89	18.95%
41-55	Poor	187.18	19.94%
26-40	Very Poor	109.76	11.69%
11-25	Serious	7.30	0.78%
0-10	Failed	0.18	0.02%
NULL	Unclassified	24.14	2.57%
Total		**938.72**	**100%**

Figures 10 and 11 display the PCI distribution and a zoomed-in example of the City's PCI scores, respectively.

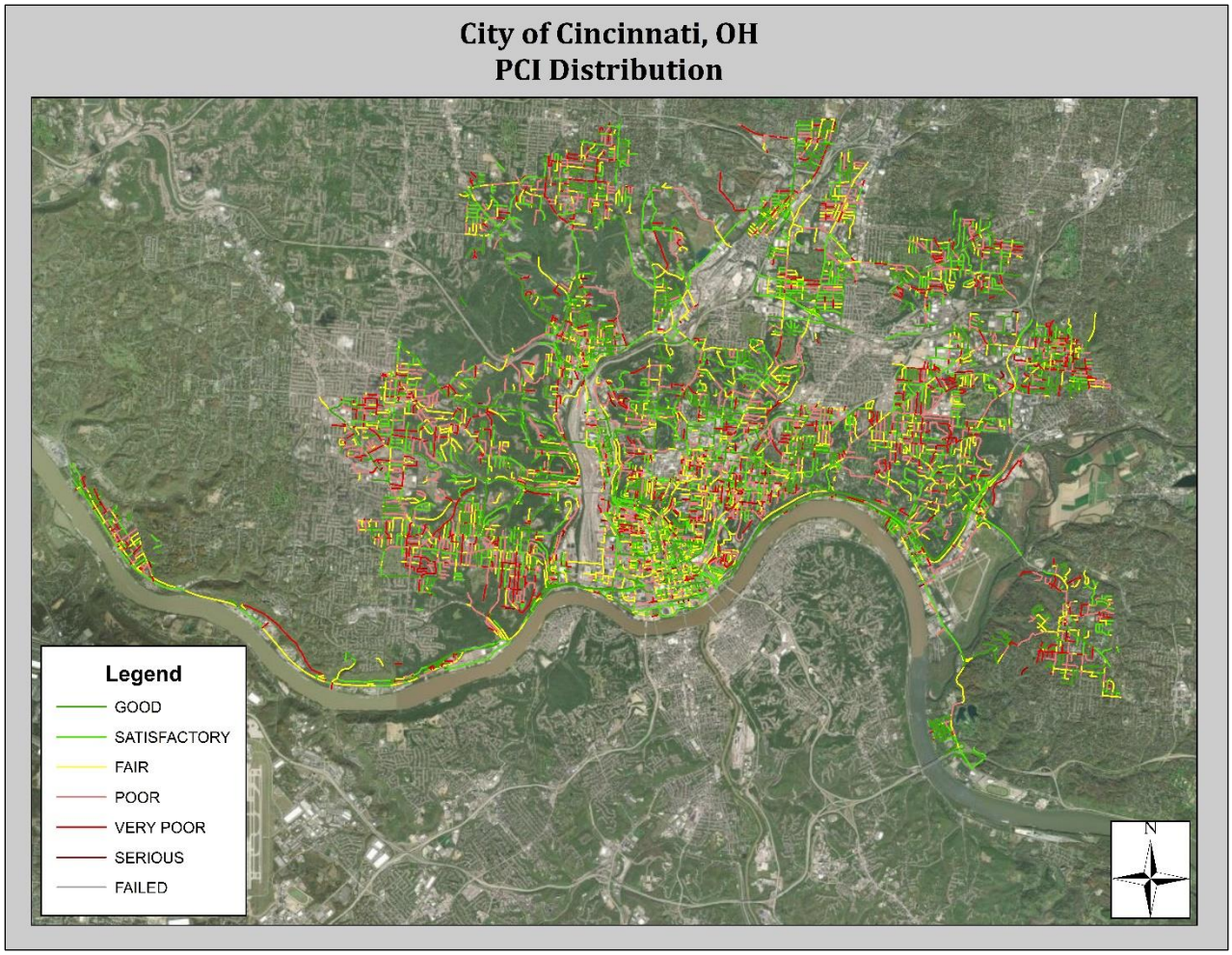

Figure 10: PCI Distribution Map

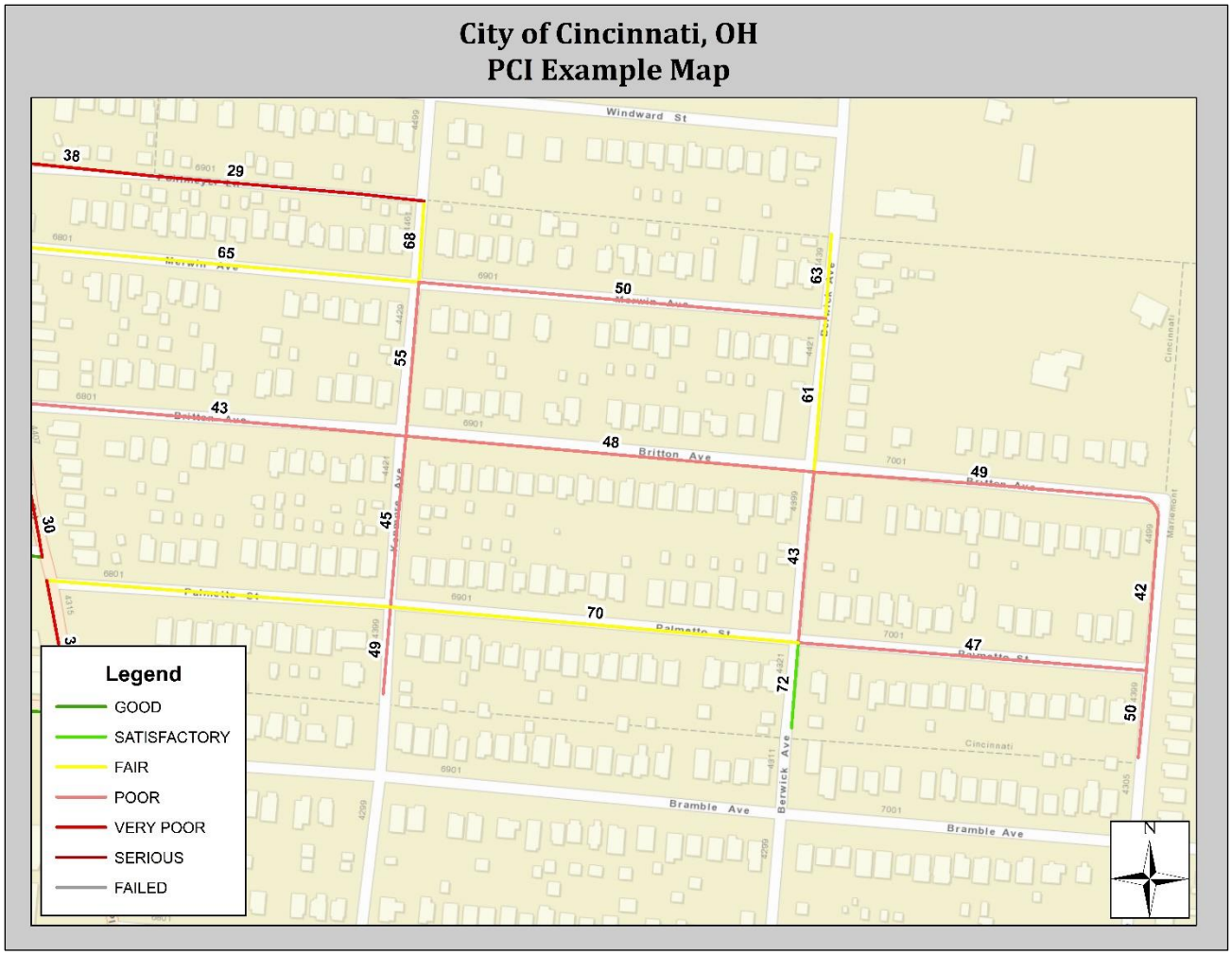

Figure 11: PCI Example Map

The PCI value for each road segment can be viewed in the City's geodatabase and PAVER database. The average of the road segment PCI values for the collected roads was calculated to be **66** at the time of collection. This value indicates the roadway network is generally in 'Fair' condition.

6.3 International Roughness Index Analysis

As part of this project, International Roughness Index (IRI) values were collected along the survey segments utilizing a high-speed five-laser profiler. The IRI is a general measurement of the ride quality of a street section and was performed in accordance with AASHTO R 43-07 and ASTM E950. IRI indexes were obtained from measured longitudinal road profiles and were processed using a quarter-car model at 52.80-foot intervals (0.010/mi). DTS' surface profiling system uses infrared lasers and a precision accelerometer to obtain accurate and precise profile measurements. The values reported in the centerline provided to the City are in units of inches per mile. It should be noted that IRI indexes can "spike," resulting in erroneous data being reported along sections of roads where slow speeds (below 15mph) were encountered.

Categorization of IRI indexes can vary from state to state and are typically determined by the agency (e.g. City, DOT, City, etc.). For the purpose of this report, the results have been based on a common category system that has been in use by a variety of agencies. Table 4 and Figure 12 list the IRI range categories and display the IRI distribution for the collected roads.

Table 4: IRI Category Ranges by Miles

IRI Category	IRI Value (in/Mile)	Centerline Miles
Excellent	<= 127	17.75
Good	128 – 154	34.65
Fair	155 – 240	141.84
Marginal	241 – 489	349.92
Poor	490 – 625	130.35
Very Poor	> 625	244.55

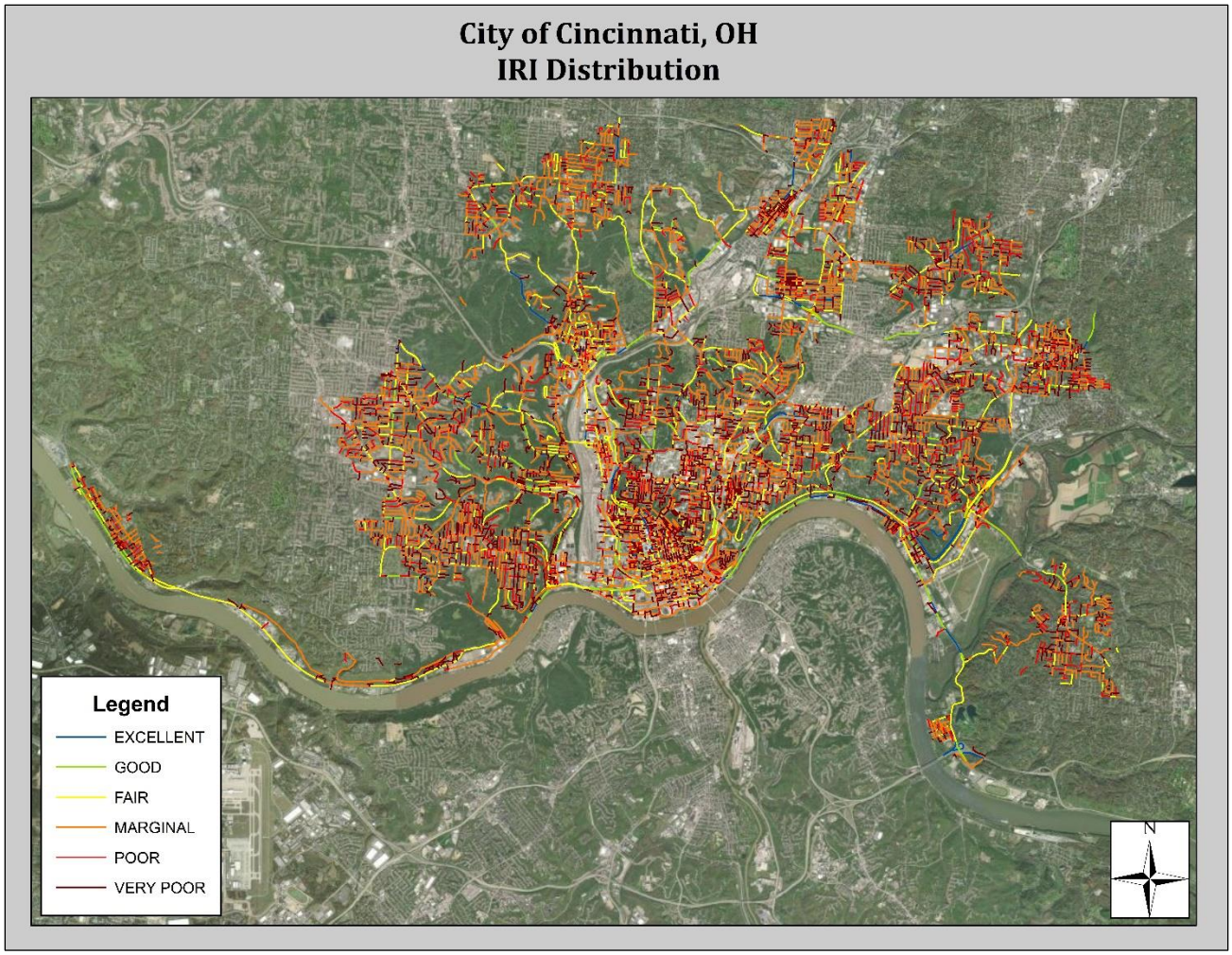

Figure 12: IRI Distribution Map

6.4 Pavement Condition Results

The roadway network consists of 938.72 centerline miles of roadway. Table 1 lists the distribution of the current roadway network by surface type and outlines the number of miles that were able to be collected and analyzed and the number of miles that were not able to be collected. Approximately 24.14 centerline miles of segments were not collected due to the segment not existing, being unsurfaced, construction, or the segment not being accessible.

Table 5 summarizes the roadway network PCI based on surface type.

Table 5: Percent of Surface Type in each PCI Condition Group

Surface Type	Good (86-100)	Satisfactory (71-85)	Fair (56-70)	Poor (41-55)	Very Poor (26-40)	Serious (11-25)	Failed (0-10)
Asphalt	21.95%	22.74%	18.94%	20.33%	11.94%	0.77%	0.02%
Concrete	1.70%	0.88%	0.50%	0.14%	0.06%	0.03%	0.00%
Total	23.65%	23.62%	19.44%	20.47%	12.00%	0.80%	0.02%

Figures 13 and Table 6 display the breakdown of the types of distresses for asphalt, and Figures 14 and Table 7 display the breakdown of the types of distresses for concrete.

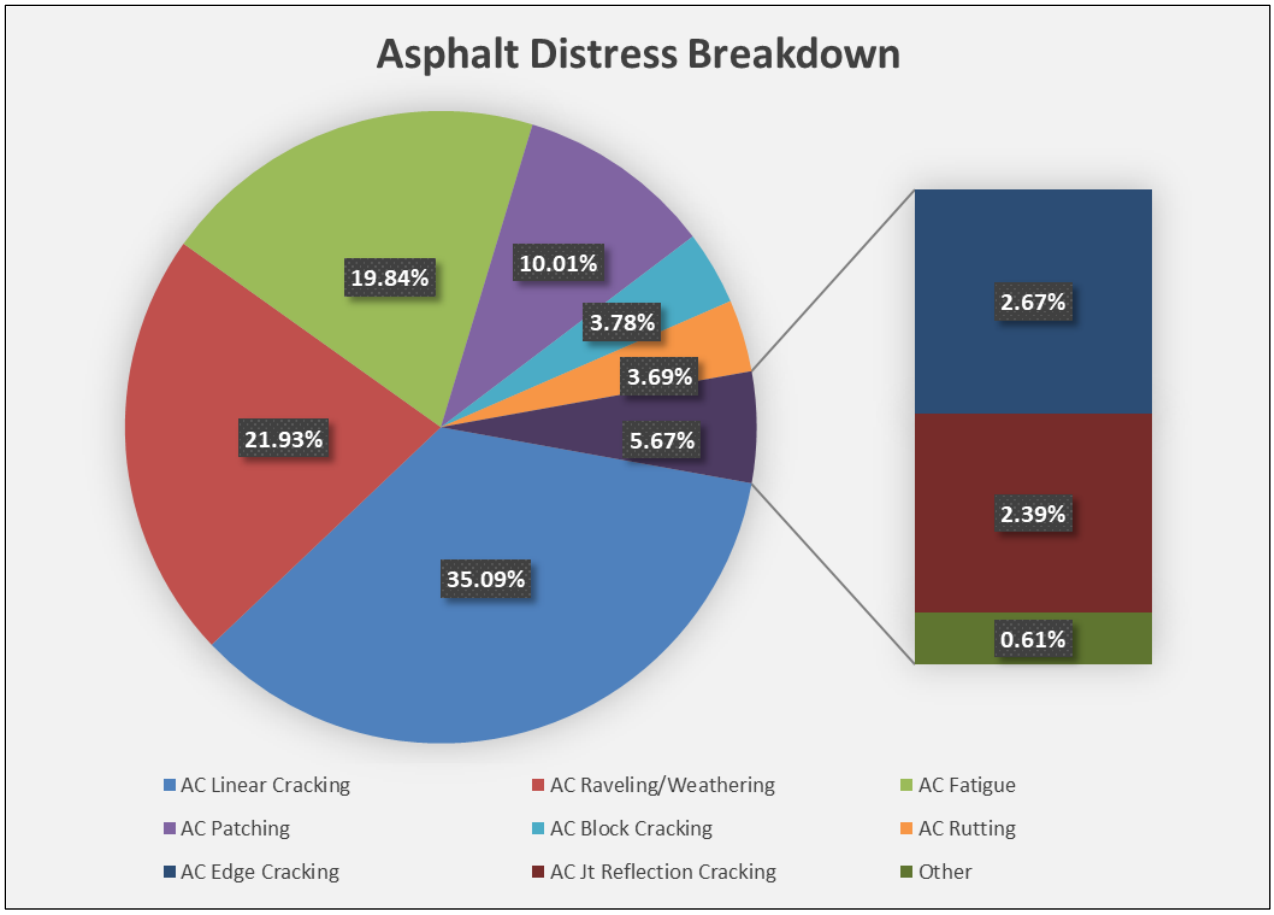

Figure 13: Asphalt Distress Breakdown

Table 6: Asphalt Distress Breakdown by Severity

Asphalt Distress Breakdown by Severity			
Type / Severity	LOW	MEDIUM	HIGH
AC Edge Cracking	1.49%	0.98%	0.20%
AC Rutting	3.37%	0.32%	N/A
AC Lane/Shoulder Dropoff	0.09%	0.02%	N/A
AC Linear Cracking	20.06%	14.88%	0.14%
AC Pothole	0.25%	0.21%	0.02%
AC Jt. Reflection Cracking	1.20%	1.16%	0.02%
AC Block Cracking	3.54%	0.24%	N/A
AC Fatigue	9.25%	10.39%	0.20%
AC Patching	8.49%	1.50%	0.02%
AC Raveling/Weathering	21.07%	0.50%	0.36%
AC Slippage Cracking	0.03%	<0.01%	N/A

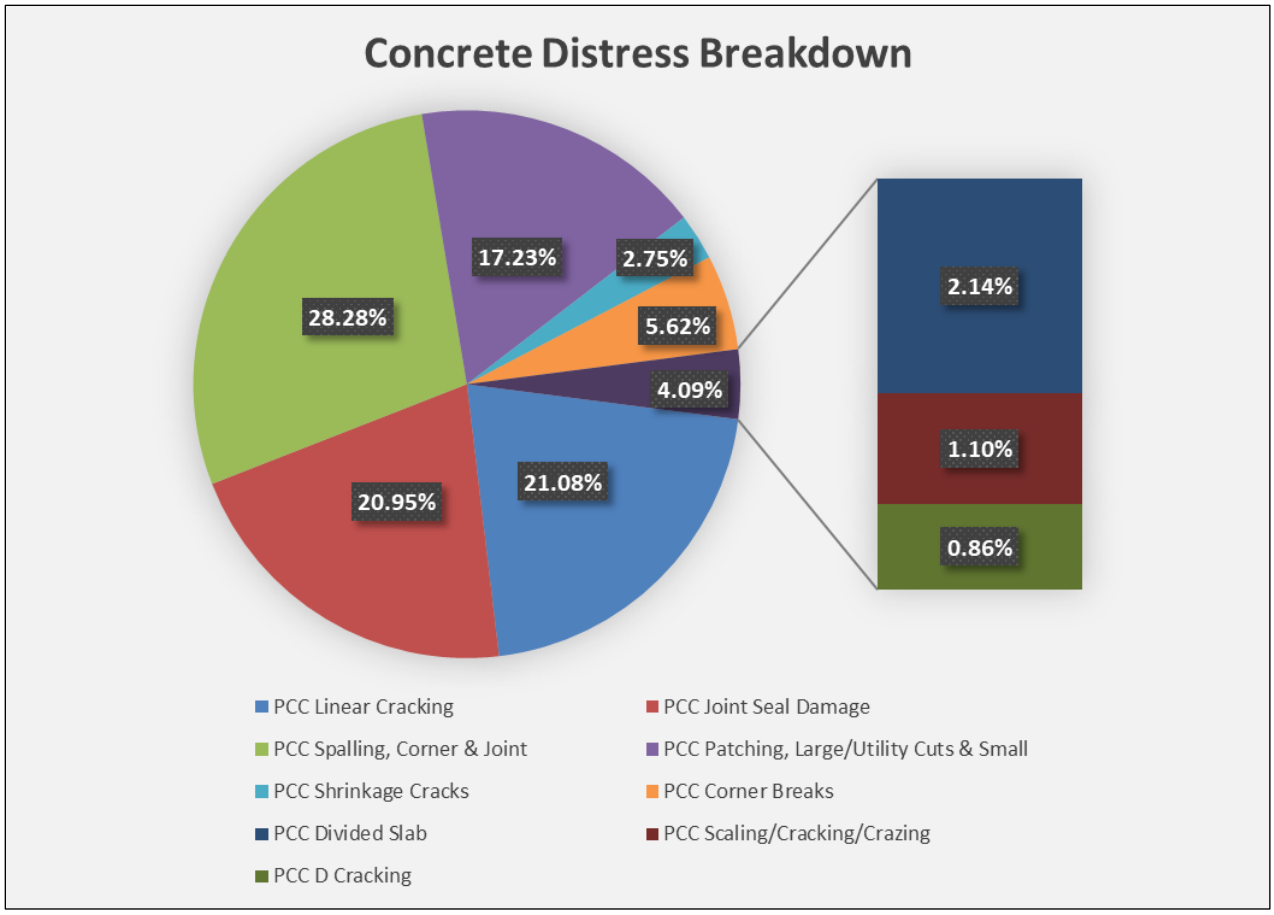

Figure 14: Concrete Distress Breakdown

Table 7: Concrete Distress Breakdown by Severity

Concrete Distress Breakdown by Severity			
Type / Severity	LOW	MEDIUM	HIGH
PCC Corner Breaks	2.69%	2.08%	0.86%
PCC Divided Slab	1.41%	0.61%	0.12%
PCC Joint Seal Damage	10.07%	9.90%	0.98%
PCC Linear Cracking	16.18%	4.46%	0.43%
PCC Patching, Large/Utility Cuts	10.13%	1.28%	0.12%
PCC Patching, Small	5.31%	0.37%	N/A
PCC Scaling/Cracking/Crazing	0.61%	0.43%	0.06%
PCC Shrinkage Cracks	2.75%	N/A	N/A
PCC Spalling, Corner	6.60%	4.52%	0.98%
PCC Spalling, Joint	8.86%	6.29%	1.04%
PCC D Cracking	0.43%	0.43%	N/A

Figure 15 represents the overall pavement condition distribution based on centerline miles.

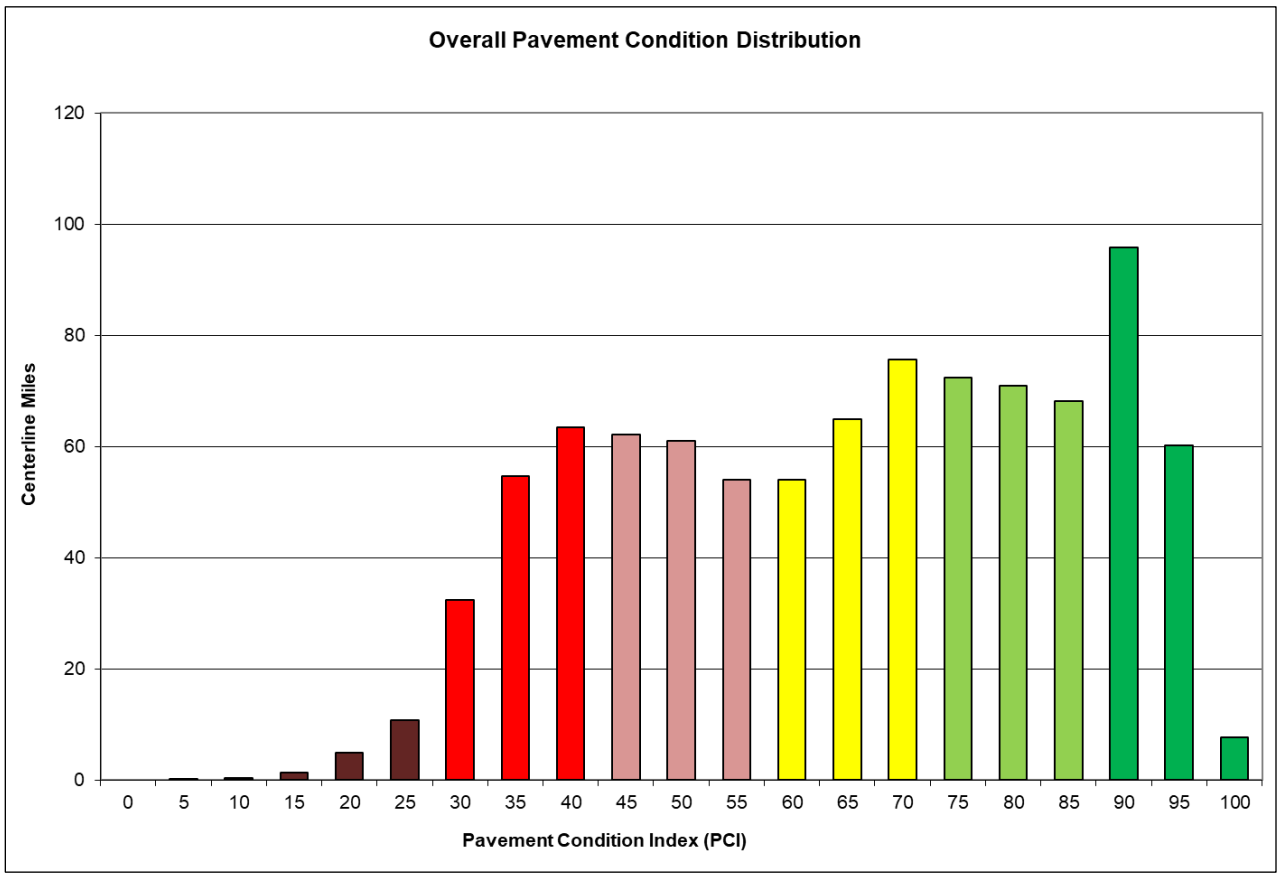

Figure 15: Overall Pavement Condition Distribution

7.0 Pavement Maintenance Methods

The specific activity to perform on each road depends upon the pavement distresses observed. The following pavement maintenance and preservation methods are currently performed on the City's roadways.

Crack Seal
Sealing and filling asphalt concrete (AC) pavement cracks is a common road maintenance activity. Specialized materials are placed into or above cracks to prevent the intrusion of water and incompressible material into the cracks and to reinforce the adjacent pavement. This type of distress treatment will address alligator cracking, longitudinal/transverse cracking, and block cracking.

Cape Seal
A cape seal is applied when the pavement deterioration is greater than what a slurry seal or micro-surfacing is designed to correct, yet the pavement has not deteriorated to the point of requiring an expensive asphalt overlay. A cape seal prevents water penetration, reducing subsequent damage to the roadbed, along with providing a new wearing surface.

Micro Surface
A micro surface is a thin, tough layer of asphalt emulsion blended with finely crushed stone for traction. This is a cost-effective method to renew the road surface and seal minor cracks and other irregularities. This preventive maintenance process protects the pavement from moisture penetration and oxidation. Similar to painting a house, micro surfacing creates a protective layer that preserves the underlying structure and prevents the need for more expensive repairs in the future.

Milling and Overlay
Asphalt overlay is a plant-mixed combination of asphalt cement and aggregates applied to the pavement in thicknesses, usually between 1.5 inches and 2 inches for thick overlay and 0.625 inches and 1.125 inches for thin overlay. Milling of the road's surface is required to remove distresses that extend into the pavement. This type of rehabilitation will address alligator cracking, longitudinal/transverse cracking, raveling/weathering, friction loss, roughness, bleeding, block cracking, and rutting.

Full Reconstruction
Full reconstruction consists of the complete removal of an existing asphaltic or concrete pavement, base re-work, and new pavement structure construction. Typically, this pavement rehabilitation method is used on excessively deteriorated roads with high severity distresses for a majority of the roadway extents. Additional analysis is generally required for a full reconstruction, including full-depth pavement coring, traffic loading, and stormwater drainage analysis.

7.1 Pavement Maintenance Funding

Various five-year pavement maintenance program scenarios were conducted for the City's asphalt roads. VUEWorks® AMS was used to determine the required budget levels needed to maintain current conditions. The analyses included:

1. 5-Year Baseline Scenario (Do-Nothing): no budget was allocated to see how the network will deteriorate over the five years with no work.
2. 5-Year Current Budget Scenario (Best First): using the City's recommended pavement maintenance budget for five years to perform maintenance to all roads at the highest PCI value first.
3. 5-Year Current Budget Scenario (Worst First): using the City's recommended pavement maintenance budget for five years to perform maintenance to all roads at the lowest PCI value first.
4. 5-Year Budget Scenario (Maintain Current PCI): using an unlimited pavement budget to maintain the current network PCI of 66 for five years.

As part of this project, the City provided a list of current treatment types used within their preservation, rehabilitation and reconstruction work. The list included the cost for each treatment type per square yard. This analysis compiled and reviewed this inventory of the City's current activities, budgets, conditions, and decision matrices. Table 8 lists the treatment activities and costs for the asphalt roads entered in the VUEWorks® AMS and used in the budget analyses.

Table 8: Treatments, Activities, and Costs for Rural Roads

Treatment Type	Activity	Impact	PCI Range	Cost Per SY
Local Repair	Crack Seal	5 Points	90-94	$1.50
Preservation	Microsurfacing	90 Fixed	80-89	$5.77
	Cape Seal	90 Fixed	65-79	$9.98
Minor Rehabilitation	Mill & Overlay	100 Fixed	55-64	$26.00
Major Rehabilitation	Partial Reconstruction/Street Rehabilitation	100 Fixed	40-54	$51.00
Reconstruction	Full Reconstruction	100 Fixed	0-39	$85.00

7.2 5-Year Baseline Scenario – Do Nothing

If no work is performed over the next five years, this PCI rating is expected to decrease to 51. Figure 16 and Table 9 display the PCI and costs, respectively, in a "Do Nothing" scenario.

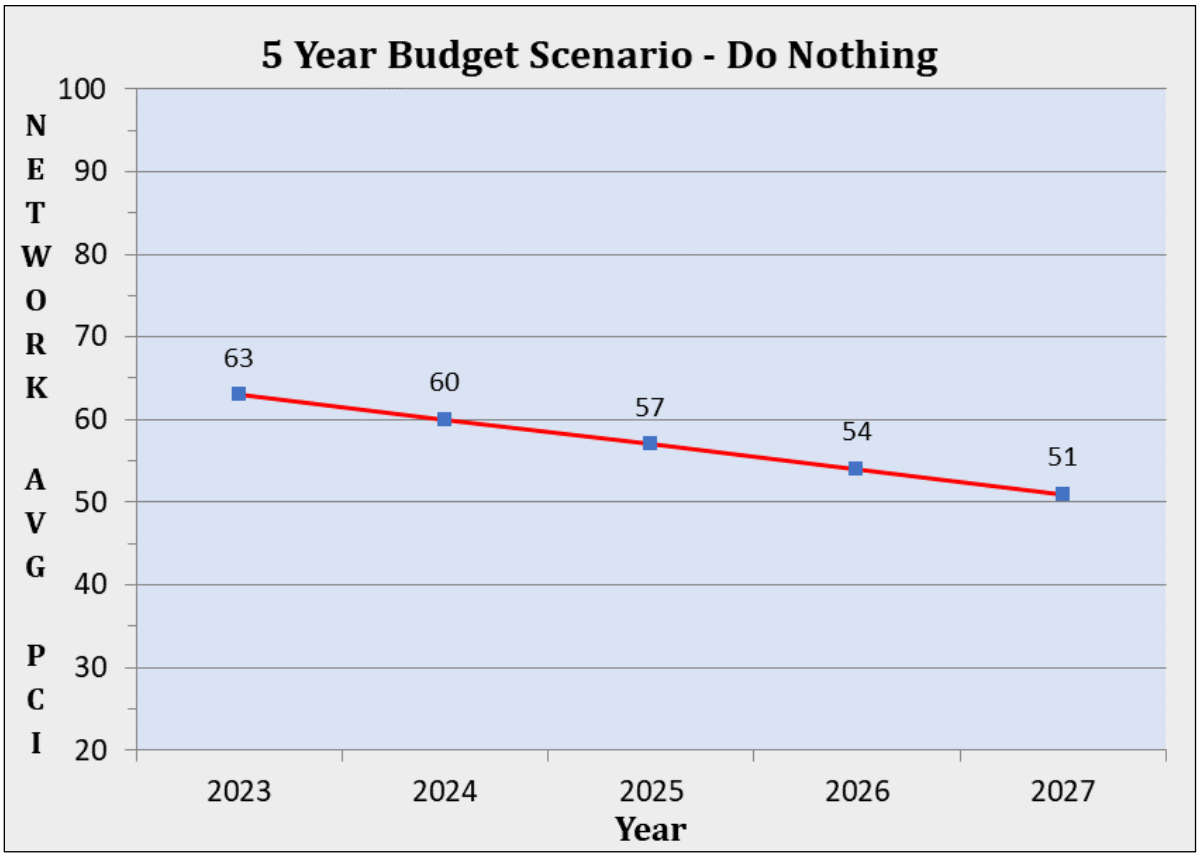

Figure 16: 5-Year "Do-Nothing" Baseline Scenario – PCI Plot

Table 9: 5-Year "Do-Nothing" Baseline Scenario – Total Funded Plan Cost

Year	Avg. PCI	Cost	Miles
2023	63	$0.00	0
2024	60	$0.00	0
2025	57	$0.00	0
2026	54	$0.00	0
2027	51	$0.00	0

In the "Do Nothing" scenario, the overall network PCI is projected to decrease to 51 by 2027. In this scenario, the City's road segments would not receive any treatment and the funding level would be zero for the entire period.

7.3 5-Year Current Budget Scenario – Best First

The five-year current budget scenario (best first) was set up to use the City's recommended budget per year for all road maintenance. This scenario targets the roads in better condition first (highest PCI value) Figure 17 and Table 10 display the average PCI and total funded costs, respectively. Table 11 lists the treatment activities with the required costs and miles.

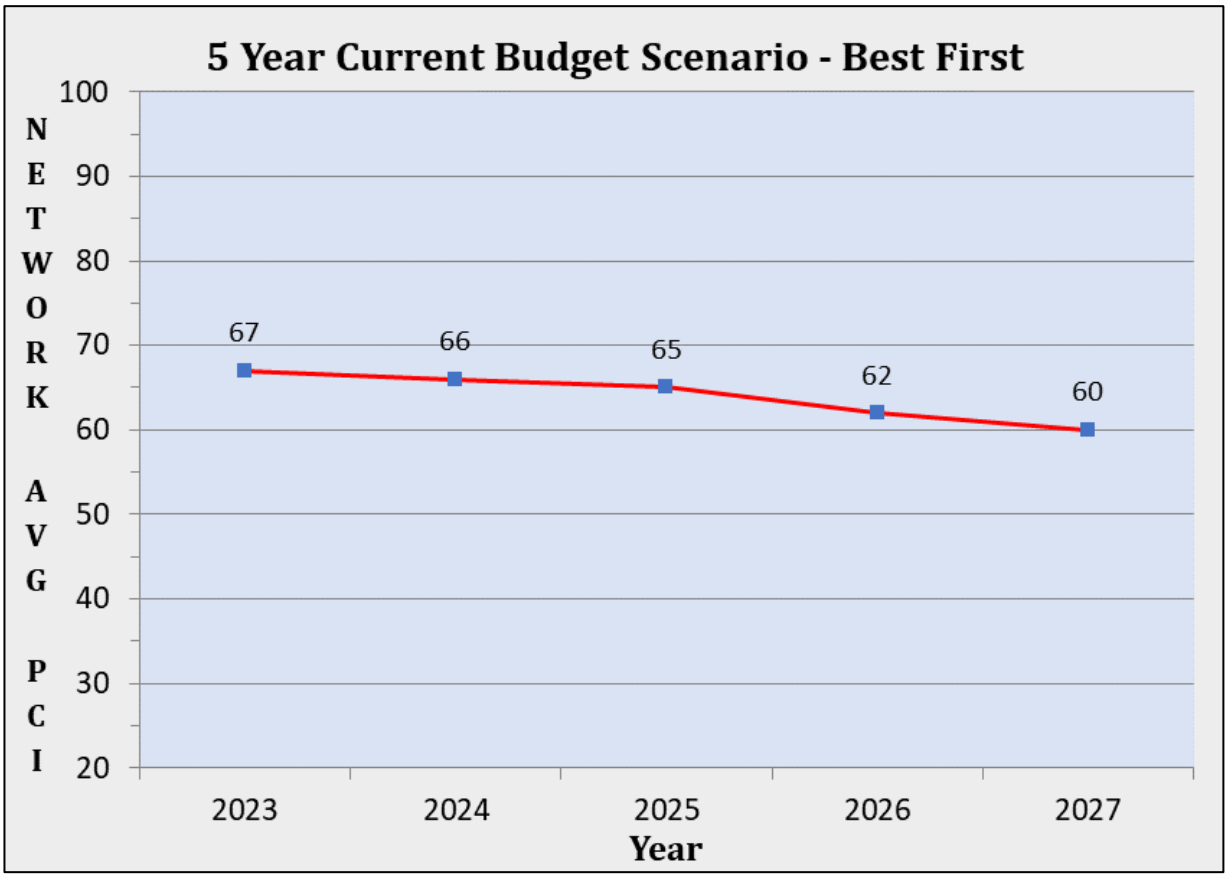

Figure 17: 5-Year Current Budget Scenario (Best First) – PCI Plot

Table 10: 5-Year Current Budget Scenario (Best First) – Total Funded Plan Cost

Year	Avg. PCI	Cost	Miles
2023	67	$18,336,782.19	248.51
2024	66	$18,489,944.10	268.62
2025	65	$18,541,568.12	201.91
2026	62	$19,081,402.66	94.49
2027	60	$19,172,658.65	133.51

Table 11: 5-Year Current Budget Scenario (Best First) – Activities Breakdown

2023				
Activity	**Total Cost**	**Total Miles**	**Percentage of Total Cost**	**Percentage of Total Miles**
Crack Seal	$1,497,102.87	61.03	8.16%	24.56%
Micro Surface	$16,839,679.32	187.48	91.84%	75.44%
Cape Seal	$0.00	0.00	0.00%	0.00%
Mill and Overlay	$0.00	0.00	0.00%	0.00%
Partial Reconstruction/Street Rehabilitation	$0.00	0.00	0.00%	0.00%
Full Reconstruction	$0.00	0.00	0.00%	0.00%
2024				
Crack Seal	$4,509,064.87	187.48	24.39%	69.80%
Micro Surface	$0.00	0.00	0.00%	0.00%
Cape Seal	$13,980,879.23	81.14	75.61%	30.20%
Mill and Overlay	$0.00	0.00	0.00%	0.00%
Partial Reconstruction/Street Rehabilitation	$0.00	0.00	0.00%	0.00%
Full Reconstruction	$0.00	0.00	0.00%	0.00%
2025				
Crack Seal	$2,164,374.50	81.14	11.67%	40.18%
Micro Surface	$6,109,569.33	61.03	32.95%	30.23%
Cape Seal	$10,267,624.29	59.74	55.38%	29.59%
Mill and Overlay	$0.00	0.00	0.00%	0.00%
Partial Reconstruction/Street Rehabilitation	$0.00	0.00	0.00%	0.00%
Full Reconstruction	$0.00	0.00	0.00%	0.00%
2026				
Crack Seal	$1,589,526.95	59.74	8.33%	63.23%
Micro Surface	$0.00	0.00	0.00%	0.00%
Cape Seal	$0.00	0.00	0.00%	0.00%
Mill and Overlay	$17,489,885.81	34.73	91.66%	36.75%
Partial Reconstruction/Street Rehabilitation	$0.00	0.00	0.00%	0.00%
Full Reconstruction	$1,989.90	0.02	0.01%	0.02%
2027				
Crack Seal	$1,039,339.11	34.74	5.42%	26.02%
Micro Surface	$8,832,658.27	81.14	46.07%	60.77%
Cape Seal	$0.00	0.00	0.00%	0.00%
Mill and Overlay	$6,837,095.48	14.48	35.66%	10.85%
Partial Reconstruction/Street Rehabilitation	$2,463,565.79	3.14	12.85%	2.35%
Full Reconstruction	$0.00	0.00	0.00%	0.00%

Figures 18 and 19 display the distribution of costs and miles per activity, respectively.

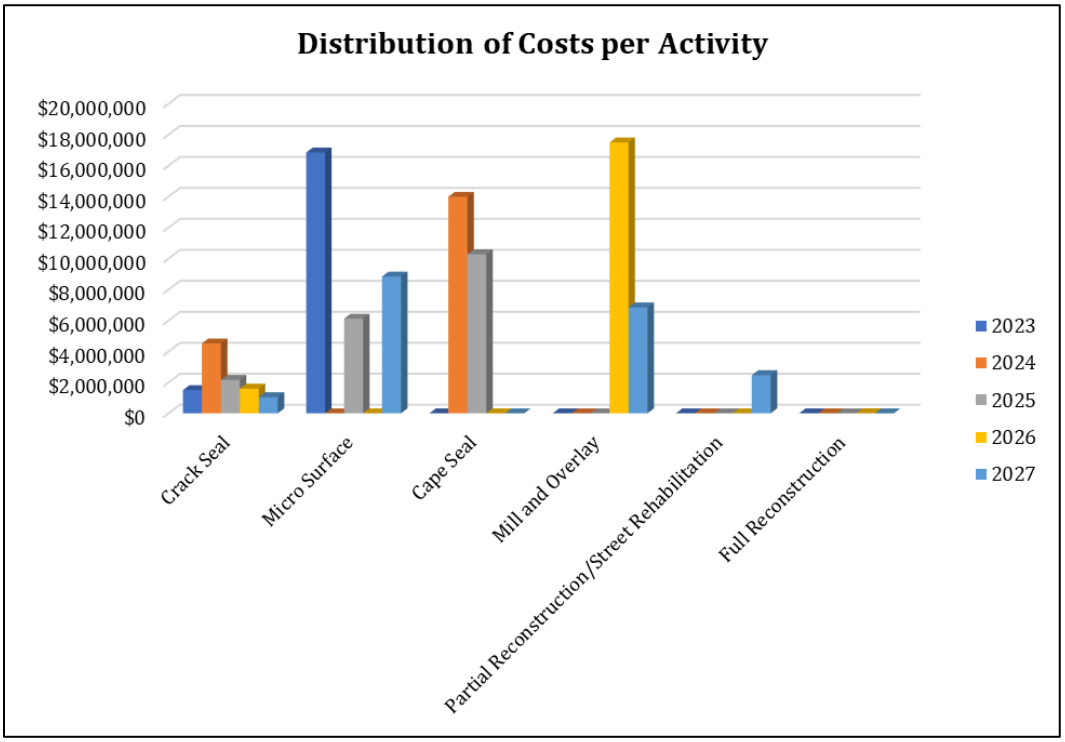

Figure 18: 5-Year Current Budget Scenario (Best First) – Distribution of Cost per Activity

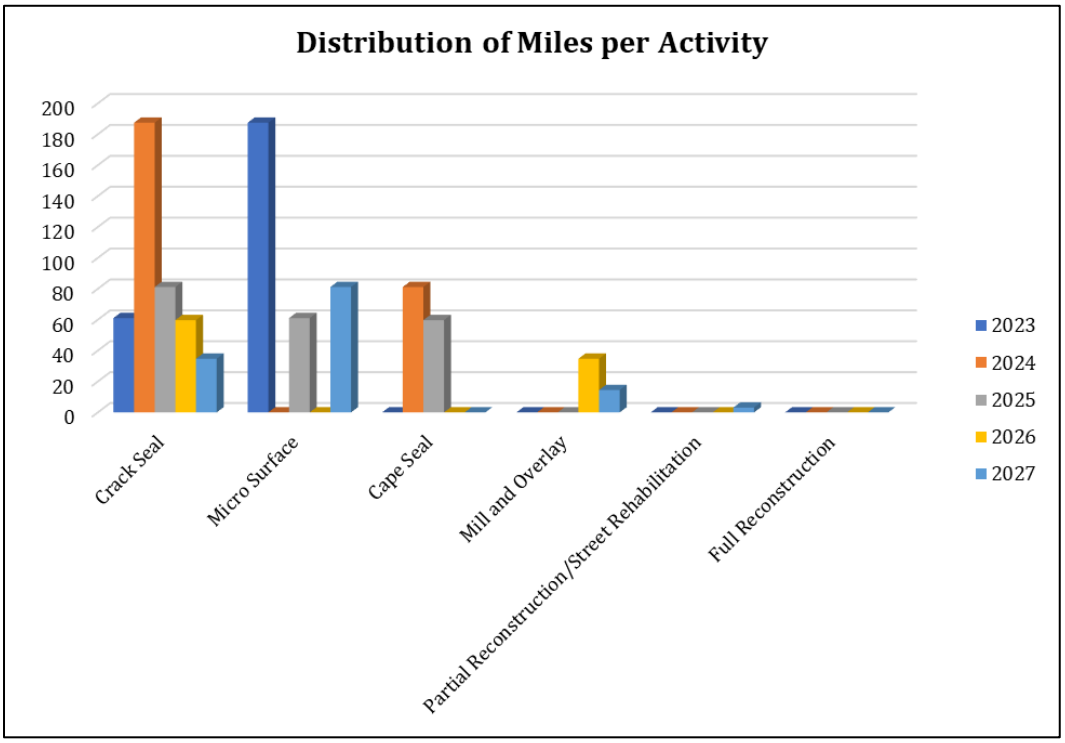

Figure 19: 5-Year Current Budget Scenario (Best First) – Distribution of Miles per Activity

Synopsis:

In the five-year current budget scenario (best first), the overall network PCI is projected to decrease throughout the five-year period, ranging from a high of 67 to a low of 60. This option would be feasible if the City utilized its recommended annual budget display in Table 10 using the best first methodology. In this scenario, the City's road segments with the highest PCI values would be targeted first; hence most of the projects consist of preservation activities. The negative to this approach is that very few of the poor and failed condition roads will be treated, and the network will continue to deteriorate, thus increasing the backlog of roads requiring reconstruction. Also, the number of miles treated in this scenario is significantly higher than in any other scenarios presented.

7.4 5-Year Current Budget Scenario – Worst First

The five-year current budget scenario (worst first) was set up to use the City's recommended budget per year for all road maintenance. In Contrast to the best first methodology, this scenario targets the roads in the worst condition first (lowest PCI value). Figure 20 and Table 12 display the average PCI and total funded costs, respectively. Table 13 lists the treatment activities with the required costs and miles.

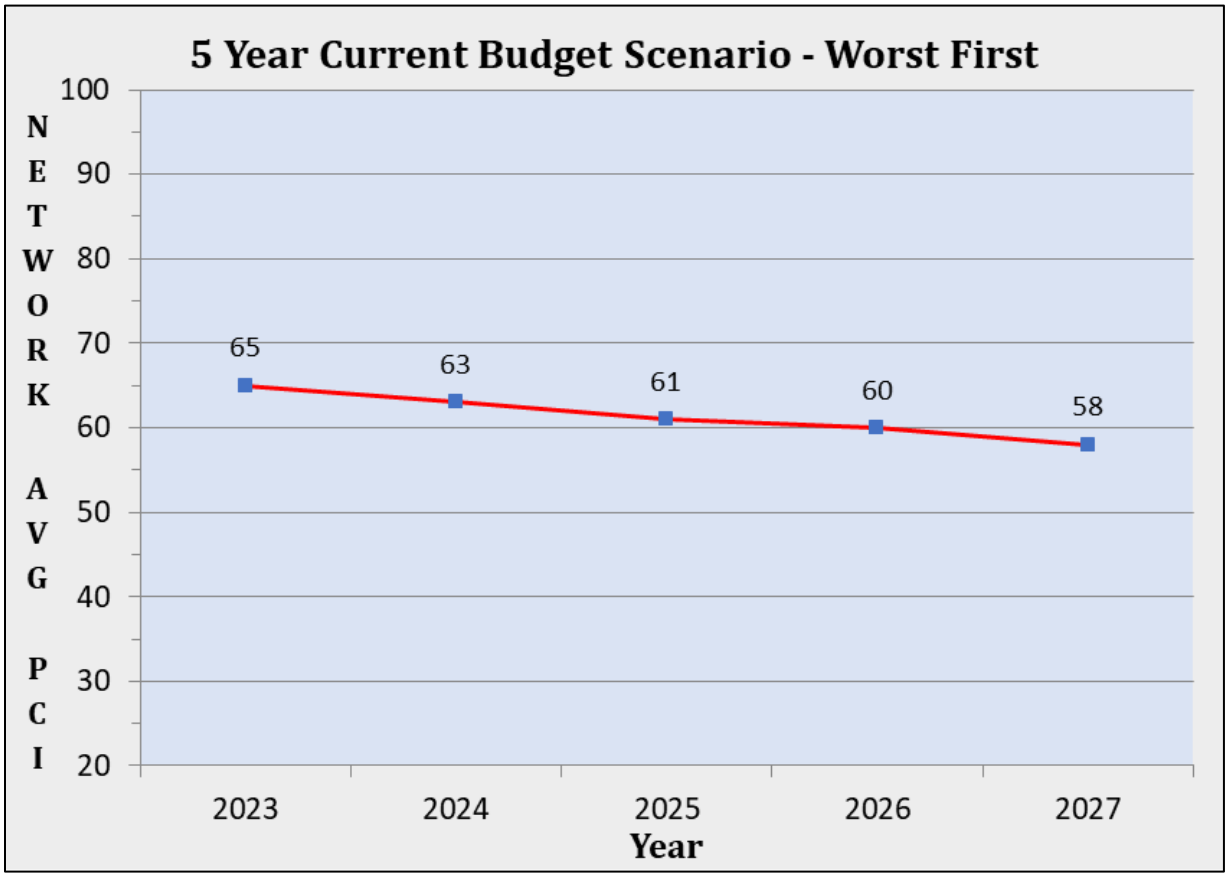

Figure 20: 5-Year Current Budget Scenario (Worst First) – PCI Plot

Table 12: 5-Year Current Budget Scenario (Worst First) – Total Funded Plan Cost

Year	Avg. PCI	Cost	Miles
2023	65	$18,336,992.33	16.91
2024	63	$18,489,999.69	15.5
2025	61	$18,541,983.23	13.84
2026	60	$19,081,960.29	13.69
2027	58	$19,172,996.16	12.16

Table 13: 5-Year Current Budget Scenario (Worst First) – Activities Breakdown

2023				
Activity	**Total Cost**	**Total Miles**	**Percentage of Total Cost**	**Percentage of Total Miles**
Crack Seal	$135.49	0.02	0.00%	0.11%
Micro Surface	$0.00	0.00	0.00%	0.00%
Cape Seal	$631.16	0.02	0.00%	0.11%
Mill and Overlay	$0.00	0.00	0.00%	0.00%
Partial Reconstruction/Street Rehabilitation	$1,092.62	0.02	0.01%	0.10%
Full Reconstruction	$18,335,133.06	16.86	99.99%	99.68%
2024				
Crack Seal	$60.63	0.01	0.00%	0.04%
Micro Surface	$591.33	0.02	0.00%	0.12%
Cape Seal	$0.00	0.00	0.00%	0.00%
Mill and Overlay	$0.00	0.00	0.00%	0.00%
Partial Reconstruction/Street Rehabilitation	$0.00	0.00	0.00%	0.00%
Full Reconstruction	$18,489,347.73	15.48	100.00%	99.84%
2025				
Crack Seal	$34.09	0.02	0.00%	0.13%
Micro Surface	$0.00	0.00	0.00%	0.00%
Cape Seal	$814.63	0.01	0.00%	0.04%
Mill and Overlay	$0.00	0.00	0.00%	0.00%
Partial Reconstruction/Street Rehabilitation	$3,990.20	0.01	0.02%	0.10%
Full Reconstruction	$18,537,144.31	13.80	99.97%	99.73%
2026				
Crack Seal	$0.00	0.00	0.00%	0.00%
Micro Surface	$0.00	0.00	0.00%	0.00%
Cape Seal	$0.00	0.00	0.00%	0.00%
Mill and Overlay	$0.00	0.00	0.00%	0.00%
Partial Reconstruction/Street Rehabilitation	$0.00	0.00	0.00%	0.00%
Full Reconstruction	$19,081,960.29	13.69	100.00%	100.00%
2027				
Crack Seal	$124.51	0.01	0.00%	0.12%
Micro Surface	$0.00	0.00	0.00%	0.00%
Cape Seal	$0.00	0.00	0.00%	0.00%
Mill and Overlay	$3,300.45	0.02	0.02%	0.16%
Partial Reconstruction/Street Rehabilitation	$0.00	0.00	0.00%	0.00%
Full Reconstruction	$19,169,571.20	12.13	99.98%	99.72%

Figures 21 and 22 display the distribution of costs and miles per activity, respectively.

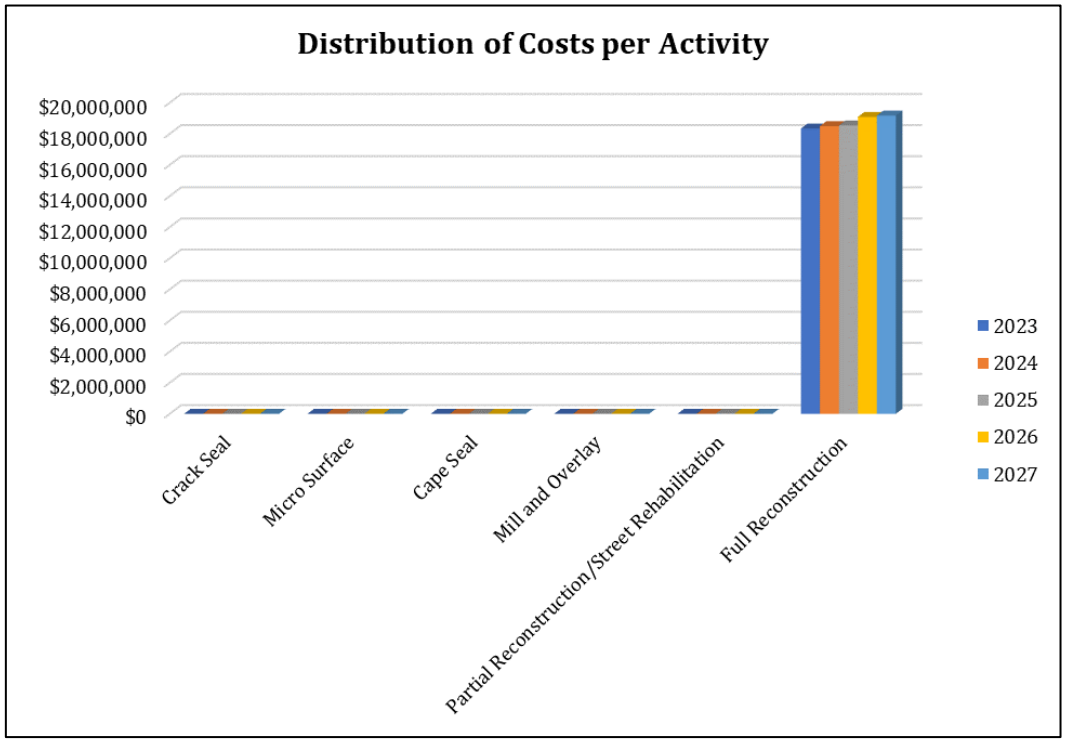

Figure 21: 5-Year Current Budget Scenario (Worst First) – Distribution of Cost per Activity

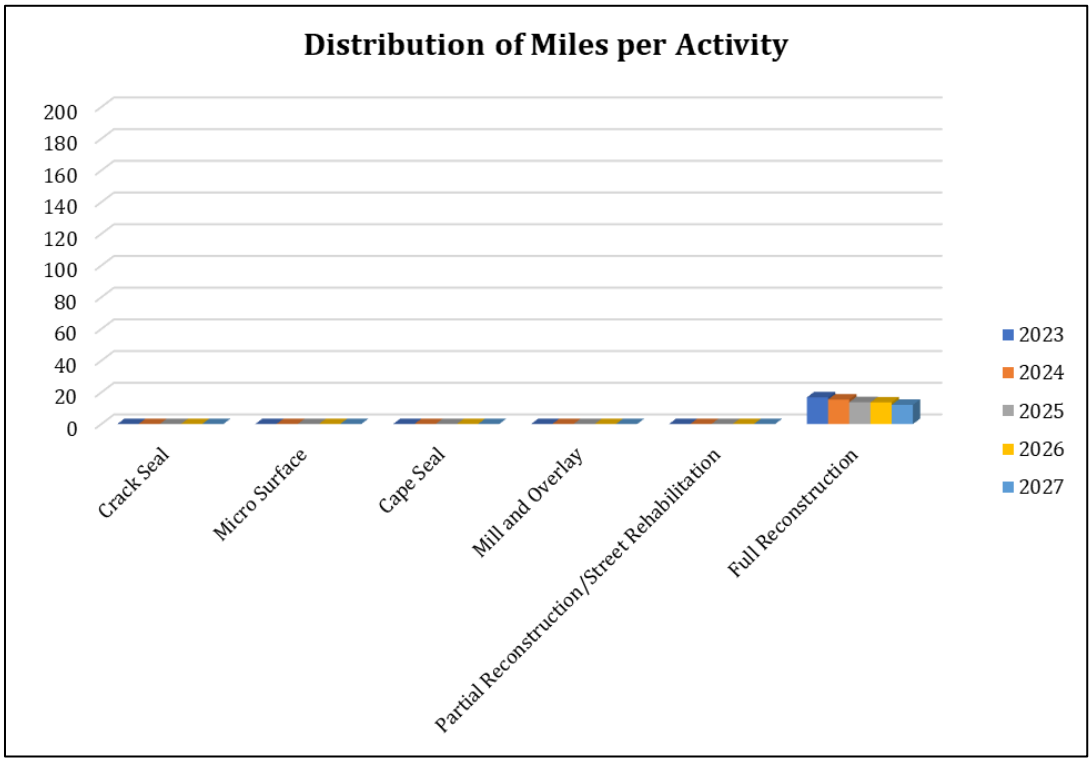

Figure 22: 5-Year Current Budget Scenario (Worst First) – Distribution of Miles per Activity

Synopsis:

In the five-year current budget scenario (worst first), the overall network PCI is projected to decrease throughout the five years, ranging from a high of 65 to a low of 58. This option would be feasible if the City utilized its recommended annual budget display in Table 12 using the worst first methodology. In this scenario, the City's road segments with the lowest PCI values would be targeted first; hence most of the projects consist of reconstruction and rehabilitation activities. The benefits of this scenario are that the worst conditions are addressed, and the poor roads are treated, thus improving those areas. The backlog of road mileage requiring reconstruction would not increase and remain constant after 2023. However, the negative effect of this scenario is that very few preventive treatments are being performed, and most of the budget is spent on reconstruction.

7.5 5-Year Budget Scenario –Maintain Current PCI

The five-year maintain current PCI budget scenarios was set up to maintain a PCI level of 66 throughout the five-year period. This scenario targets the roads in the worst condition first (lowest PCI value), and the streets with a PCI below the critical level were addressed initially. The roadways were then preserved and maintained to keep future roads from deteriorating below the critical level and maintaining a relatively consistent PCI value. Figure 23 and Table 14 display the average PCI and total funded costs, respectively. Table 15 lists the treatment activities with the required costs and miles.

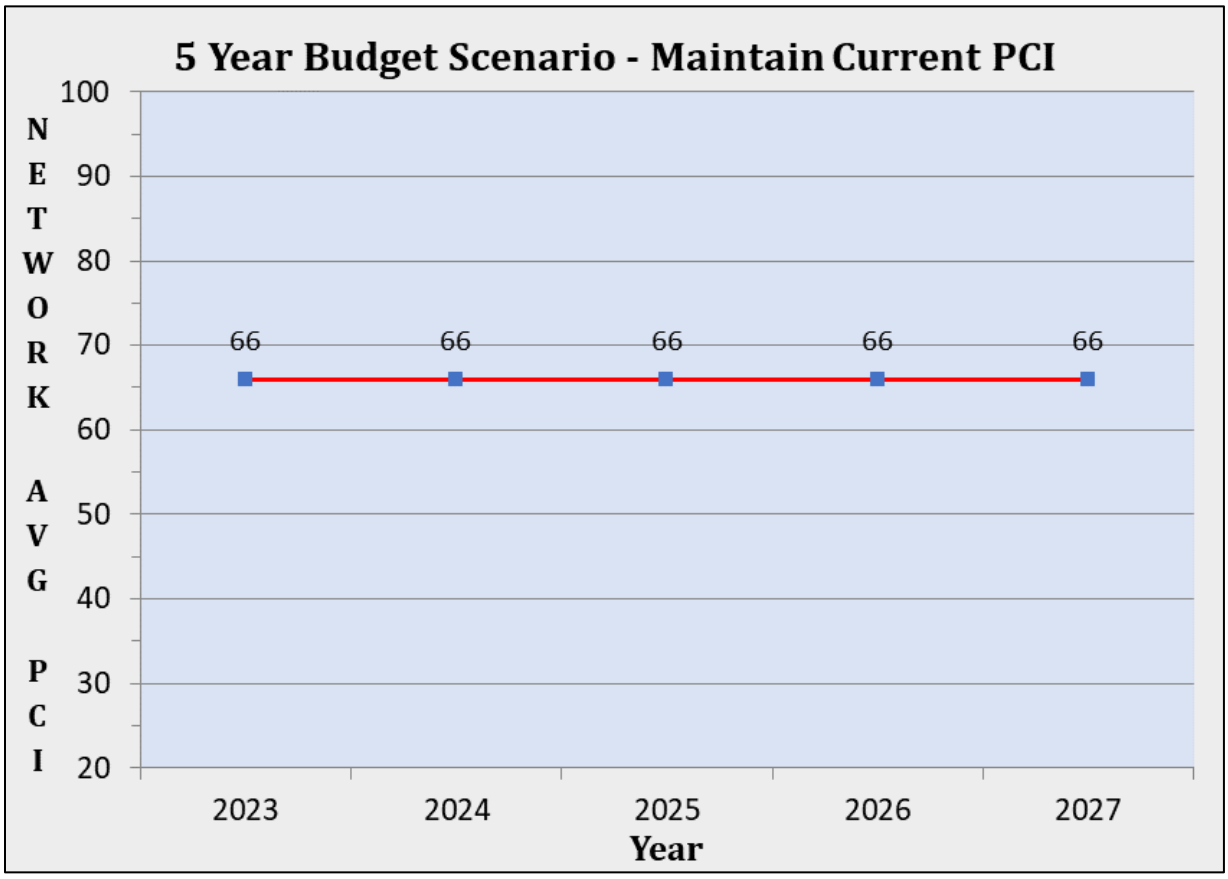

Figure 23: 5-Year Budget Scenario (Maintain Current PCI) – PCI Plot

Table 14: 5-Year Budget Scenario (Maintain Current PCI) – Total Funded Plan Cost

Year	Avg. PCI	Cost	Miles
2023	66	$21,151,876.01	53.39
2024	66	$24,999,978.21	71.39
2025	66	$24,999,915.47	72.42
2026	66	$24,999,974.44	117.38
2027	66	$24,999,989.68	177.35

Table 15: 5-Year Budget Scenario (Maintain Current PCI) – Activities Breakdown

2023				
Activity	**Total Cost**	**Total Miles**	**Percentage of Total Cost**	**Percentage of Total Miles**
Crack Seal				
Micro Surface				
Cape Seal	$6,154,136.91	36.42	29.09%	68.22%
Mill and Overlay				
Partial Reconstruction/Street Rehabilitation	$7,498,914.97	9.39	35.45%	17.59%
Full Reconstruction	$7,498,824.13	7.58	35.45%	14.19%
2024				
Crack Seal	$60.63	0.01	0.00%	0.01%
Micro Surface				
Cape Seal	$10,002,084.96	55.95	40.01%	78.38%
Mill and Overlay				
Partial Reconstruction/Street Rehabilitation	$7,498,628.65	8.94	29.99%	12.53%
Full Reconstruction	$7,499,203.97	6.49	30.00%	9.09%
2025				
Crack Seal				
Micro Surface				
Cape Seal	$10,001,313.04	58.26	40.01%	80.44%
Mill and Overlay				
Partial Reconstruction/Street Rehabilitation	$7,499,400.59	8.46	30.00%	11.68%
Full Reconstruction	$7,499,201.84	5.71	30.00%	7.88%
2026				
Crack Seal				
Micro Surface	$231.19	0.00	0.00%	0.00%
Cape Seal	$20,003,765.53	112.40	80.02%	95.76%
Mill and Overlay				
Partial Reconstruction/Street Rehabilitation	$2,497,429.21	2.93	9.99%	2.50%
Full Reconstruction	$2,498,548.51	2.04	9.99%	1.74%
2027				
Crack Seal	$141.03	0.04	0.00%	0.02%
Micro Surface	$11,250,828.28	104.30	45.00%	58.81%
Cape Seal	$12,499,604.04	71.87	50.00%	40.52%
Mill and Overlay				
Partial Reconstruction/Street Rehabilitation	$1,249,416.33	1.15	5.00%	0.65%
Full Reconstruction				

Figures 24 and 25 display the distribution of costs and miles per activity, respectively.

.

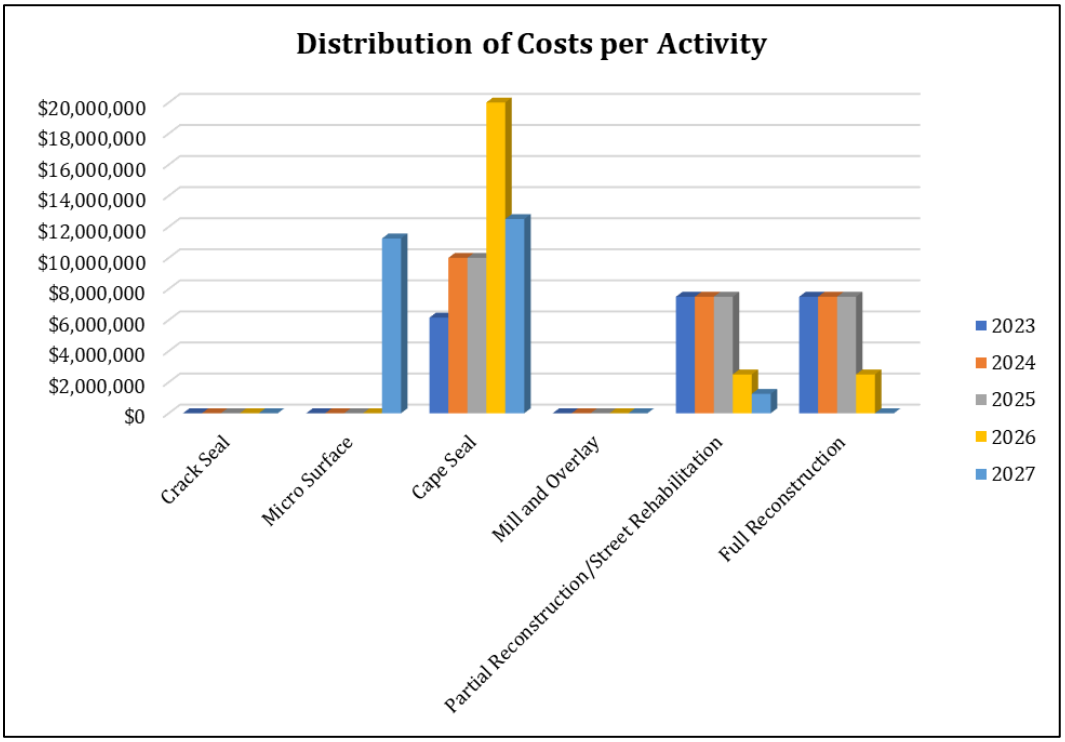

Figure 24: 5-Year Budget Scenario (Maintain Current PCI) – Distribution of Cost per Activity

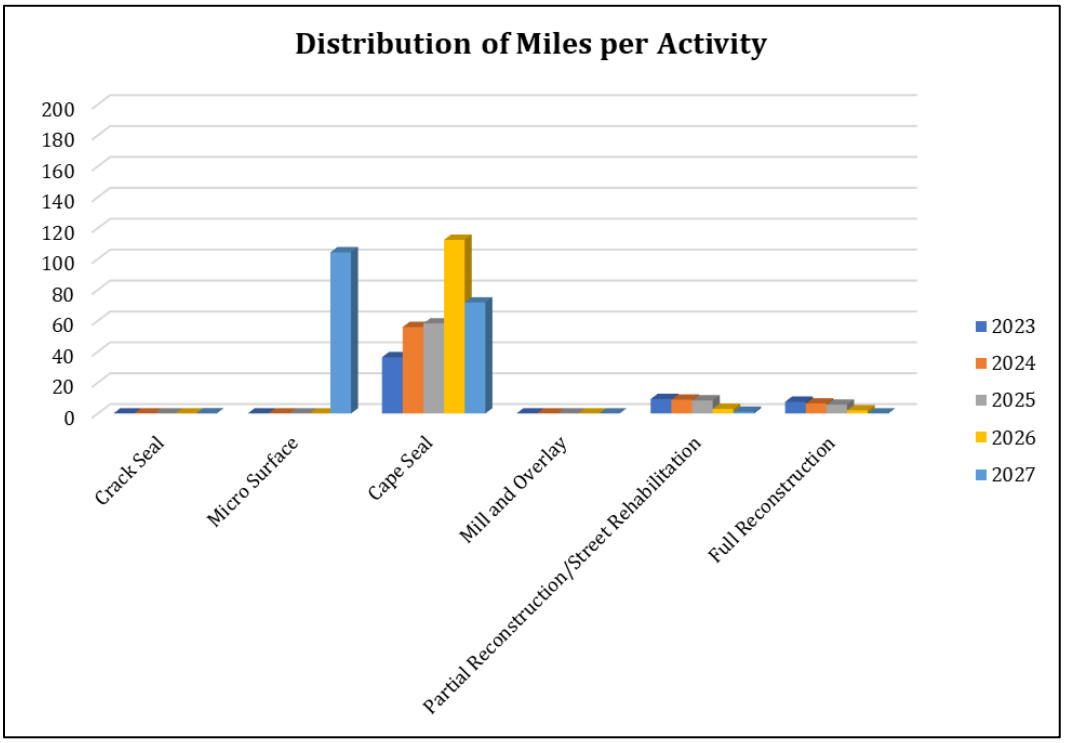

Figure 25: 5-Year Budget Scenario (Maintain Current PCI) – Distribution of Miles per Activity

Synopsis:

In the five-year maintain scenario, the overall network PCI of 66 is projected to be maintained throughout the five-year period. This option would be feasible if the City utilized the annual budget display in Table 14 using the worst first methodology. In this scenario, the City's road segments with the lowest PCI values would be targeted first; hence most of the projects consist of reconstruction and rehabilitation activities. The benefits of this scenario are that the worst conditions are addressed, and the poor roads are treated, thus improving those areas.

APPENDIX A

SEGMENT LEVEL PCI DATA

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM10398	1ST AV	AKOCHIA AV	FAWNHILL LN	24	348.43	AC	306	70	FAIR	Y	
HAM02126	1ST AV	GLENWAY AV	W LIBERTY ST	29	1068.42	AC	514	83	SATISFACTORY	Y	
HAM02076	1ST AV	HEYWARD ST	AKOCHIA AV	24	328.40	AC	650	72	SATISFACTORY	Y	
HAM32379	1ST AV	TALBERT ST	HEYWARD ST	23	829.27	AC	465	67	FAIR	Y	
HAM02127	1ST AV	W LIBERTY ST	TALBERT ST	24	1009.97	AC	441	69	FAIR	Y	
HAM24136	28TH ST	ALBERTS CT	ROBERTSON AV	30	992.40	AC	329	69	FAIR	Y	
HAM24129	28TH ST	MINOT AV	ALBERTS CT	31	327.62	AC	650	59	FAIR	Y	
HAM24135	31ST AV	MINOT AV	ROBERTSON AV	30	1149.72	AC	445	90	GOOD	Y	
HAM24118	32ND AV	MINOT AV	ROBERTSON AV	29	1151.82	AC	390	91	GOOD	Y	
HAM12255	33RD AV	MINOT AV	ROBERTSON AV	30	1151.74	AC	650	38	VERY POOR	Y	
HAM21338	34TH AV	ALLSTON ST	ROBERTSON AV	30	1094.08	AC	564	52	POOR	Y	
HAM26465	34TH AV	ROBERTSON AV	ENYART AV	29	677.96	AC	542	31	VERY POOR	Y	
HAM60951	AARON RAINES LN	AARON RAINES LN	BURNS ST	24	360.83	AC	650	91	GOOD	Y	
HAM64652	AARON RAINES LN	EVANS ST	AARON RAINES LN	24	388.14	PCC	650	67	FAIR	Y	
HAM64653	AARON RAINES LN	EVANS ST	AARON RAINES LN	24	390.25	PCC	650	61	FAIR	Y	
HAM37866	ABBOTTSFORD AV	KNIGHT AV	TERM NE OF KNIGHT AV	22	220.20	AC	640	87	GOOD	Y	
HAM37864	ABBOTTSFORD AV	TERM SW OF KNIGHT AV	KNIGHT AV	23	289.01	AC	481	85	SATISFACTORY	Y	
HAM38104	ABELIA CT	ASHWOOD DR	TERM NW OF ASHWOOD DR	25	140.93	AC	650	63	FAIR	Y	
HAM14375	ABERDEEN ST	ROCKLAND AV	MEARS AV	10	306.04	AC	650	21	SERIOUS	Y	
HAM38353	ABINGTON AV	TERM S OF ARDMORE AV	ARDMORE AV	24	703.83	AC	650	94	GOOD	Y	
HAM03303	ACADEMY AV	ST LAWRENCE AV	VINCENT AV	35	795.44	AC	394	48	POOR	Y	
HAM03335	ACADEMY AV	W 8TH ST	ST LAWRENCE AV	37	1133.08	AC	609	51	POOR	Y	
HAM08191	ACME AL	YORK ST	NAEHER ST	7	187.91		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM38105	ACOMB AV	RIDGE AV	TERM E OF RIDGE AV	21	263.39	AC	650	38	VERY POOR	Y	
HAM19880	ADA ST	FLORA ST	RAVINE ST	24	358.74	AC	650	95	GOOD	Y	
HAM20033	ADA ST	RAVINE ST	FAIRVIEW AV	31	824.19	AC	650	95	GOOD	Y	
HAM27730	ADAMS XING	E PETE ROSE WY	TERM NE OF E PETE ROSE WY	36	235.03	AC	650	46	POOR	Y	
HAM35405	ADDICE WY	TERM E OF ARGUS RD	ARGUS RD	24	655.80	AC	619	49	POOR	Y	
HAM02916	ADDIE AL	FORBUS ST	WESTWOOD AV	10	190.63	AC	650	19	SERIOUS	Y	
HAM35508	ADDINGHAM PL	TERM E OF HAIGHT AV	HAIGHT AV	29	330.01	AC	622	93	GOOD	Y	
HAM25623	ADDISON ST	UNNAMED AL	HALSTEAD ST	24	442.19	AC	650	94	GOOD	Y	
HAM06528	ADELPHI ST	CONANT ST	LUCERNE AV	24	766.08	AC	345	49	POOR	Y	
HAM06557	ADELPHI ST	LUCERNE AV	WHETSEL AV	23	359.68	AC	650	36	VERY POOR	Y	
HAM14236	ADENA TRL	EAGLESRIDGE LN	WAYSIDE AV	27	167.28	AC	650	73	SATISFACTORY	Y	
HAM36095	ADENA TRL	TERM NW OF EAGLESRIDGE LN	EAGLESRIDGE LN	27	1636.13	AC	300	95	GOOD	Y	
HAM08073	ADLER ST	ADLER ST	TREMONT ST	16	161.01	AC	650	69	FAIR	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM34996	ADLER ST	HARRISON AV		3	95.75		-1	-1		N	BOOTS ON THE GROUND / STAIRCASE
HAM08090	ADLER ST	TREMONT ST	WAVERLY AV	4	257.01		-1	-1		N	DOES NOT EXIST
HAM37152	ADMIRAL CT	TERM S OF TUXWORTH AV	TUXWORTH AV	25	199.55	AC	650	79	SATISFACTORY	Y	
HAM20102	ADNORED CT	LEROY CT	GLENCOE PL	24	157.89	AC	650	36	VERY POOR	Y	
HAM53452	ADRIAN AL	ELM ST	CENTRAL PKWY	5	424.58		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM35705	AFTON AV	IRIS AV	TERM N OF IRIS AV	25	561.72	AC	650	87	GOOD	Y	UNCOLLECTED PORTION PRIVATE DRIVEWAY
HAM38619	AGNES ST	TERM E OF BORDEN ST	BORDEN ST	31	210.71	AC	491	62	FAIR	Y	
HAM05826	AHRENS ST	SEMINOLE ST	E MARTIN LUTHER KING JR DR	24	462.72	AC	549	89	GOOD	Y	ONE WAY
HAM07195	AIKENSIDE AV	KENNEDY AV	VALLEYVIEW AV	22	467.68	AC	648	39	VERY POOR	Y	
HAM07174	AIKENSIDE AV	POINTER LN	RED BANK RD	24	293.91	AC	650	78	SATISFACTORY	Y	
HAM07198	AIKENSIDE AV	SKYLINE DR	POINTER LN	24	1096.35	AC	414	82	SATISFACTORY	Y	
HAM11511	AIKENSIDE AV	VALLEYVIEW AV	WYATT AV	22	342.19	AC	525	56	FAIR	Y	
HAM07197	AIKENSIDE AV	WYATT AV	SKYLINE DR	24	281.99	AC	650	95	GOOD	Y	
HAM06104	AIRPORT RD	EASTERN AV	ROBB ST	20	876.93	AC	650	39	VERY POOR	Y	
HAM06106	AIRPORT RD	ROBB ST	WILMER AV	21	824.07	AC	650	52	POOR	Y	
HAM37499	AIRY CT	TERM E OF MONFORT HILLS AV	MONFORT HILLS AV	26	432.82	AC	650	77	SATISFACTORY	Y	
HAM57791	AKOCHIA AV	1ST AV	TERM W OF	30	426.53	AC	650	78	SATISFACTORY	Y	
HAM03148	AKRON AV	HENRIETTA AV	WISCONSIN AV	14	302.37	AC	650	90	GOOD	Y	
HAM37970	AKRON AV	WISCONSIN AV	TERM SW OF WISCONSIN AV	9	446.45	AC	586	93	GOOD	Y	
HAM27267	ALABAMA AV	COLERAIN AV	SPRING GROVE AV	30	850.61	AC	563	35	VERY POOR	Y	
HAM05944	ALAMEDA PL	RIDGEWAY AV	CARPLIN PL	30	227.44	AC	650	67	FAIR	Y	
HAM26526	ALAMO AV	CALVERT ST	RIDGE AV	66	368.80	AC	515	76	SATISFACTORY	Y	
HAM26529	ALAMO AV	MARBURG AV	CALVERT ST	51	744.46	AC	585	85	SATISFACTORY	Y	
HAM05714	ALASKA AV	FOREST AV	FOREST PARK DR	30	1190.67	AC	380	43	POOR	Y	
HAM05879	ALASKA AV	FOREST PARK DR	GLENWOOD AV	28	492.25	AC	650	43	POOR	Y	
HAM38375	ALASKA CT	GLENWOOD AV	TERM NE OF GLENWOOD AV	20	324.86	AC	650	81	SATISFACTORY	Y	
HAM38000	ALBANY TER	TERM E OF ARGUS RD	ARGUS RD	25	554.89	AC	650	53	POOR	Y	
HAM33427	ALBERT SABIN WY	EDEN AV	LEVINE DR	33	732.90	AC	312	82	SATISFACTORY	Y	
HAM34679	ALBERT SABIN WY	ELLAND AV	BURNET AV	43	608.90	AC	240	89	GOOD	Y	
HAM33428	ALBERT SABIN WY	LEVINE DR	ELLAND AV	33	109.06	AC	233	78	SATISFACTORY	Y	
HAM37363	ALBERTS CT	TERM W OF 28TH ST	28TH ST	20	253.01	AC	567	50	POOR	Y	
HAM20206	ALBION PL	AUBURN AV	GILMAN AV	23	901.60	AC	485	45	POOR	Y	
HAM13573	ALCLIFF LN	HIGHVIEW DR	WILLNET DR	25	823.02	AC	328	44	POOR	Y	
HAM13564	ALCLIFF LN	TERM S OF	HIGHVIEW DR	24	173.36	AC	401	54	POOR	Y	
HAM14312	ALCOR TER	BRACHMAN AV	CAMBRIDGE AV	25	911.63	AC	476	53	POOR	Y	
HAM08649	ALDEN AL	MAIN ST	PANCOAST AL	9	168.92		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM08627	ALDEN AL	PANCOAST AL	SYCAMORE ST	11	294.85		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM20555	ALFRED ST	COLERAIN AV	COOK ST	35	283.65	AC	395	95	GOOD	Y	
HAM20553	ALFRED ST	COOK ST	SPRING GROVE AV	36	322.60	AC	650	95	GOOD	Y	
HAM26431	ALGONA PL	BLAIR AV	DAUNER AV	19	419.61	AC	650	71	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM37326	ALICEMONT AV	TERM W OF MARBURG AV	MARBURG AV	20	528.96	AC	650	72	SATISFACTORY	Y	
HAM15103	ALLAIRE AV	COLERAIN AV	VOGEL RD	24	994.04	AC	554	73	SATISFACTORY	Y	
HAM37623	ALLENDALE DR	TERM S OF BROTHERTON RD	BROTHERTON RD	24	635.73	AC	482	75	SATISFACTORY	Y	
HAM37620	ALLENDORF DR	BROTHERTON RD	TERM NE OF BROTHERTON RD	24	457.05	AC	545	72	SATISFACTORY	Y	
HAM37624	ALLENDORF DR	TERM S OF BROTHERTON RD	BROTHERTON RD	10	666.56	AC	650	69	FAIR	Y	UNCOLLECTED PORTION DOES NOT EXIST
HAM17682	ALLENHAM ST	CATHCART ST	INTERSECTION ST	8	653.58	AC	650	60	FAIR	Y	
HAM36344	ALLENHAM ST	FENIMORE ST	TERM NW OF FENIMORE ST	13	84.64	AC	447	73	SATISFACTORY	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM17676	ALLENHAM ST	INTERSECTION ST	FENIMORE ST	9	182.59	AC	605	67	FAIR	Y	
HAM12836	ALLEY	LOSANTIVILLE AV	RIDGE AV	10	616.11	AC	650	32	VERY POOR	Y	
HAM06241	ALLEY #10	ELDORADO AV	WAITS AV	7	491.88	AC	650	37	VERY POOR	Y	
HAM37882	ALLEY #16	TERM NW OF TENNYSON ST	TENNYSON ST	12	259.38	AC	650	39	VERY POOR	Y	
HAM06227	ALLEY #9	ROHDE AV	ELDORADO AV	11	525.88	AC	463	95	GOOD	Y	
HAM21329	ALLSTON ST	MADISON RD	MINOT AV	35	391.28	AC	422	71	SATISFACTORY	Y	ONE WAY
HAM03664	ALLVIEW CIR	ALLVIEW CIR	ALLVIEW CT	25	200.27	AC	503	35	VERY POOR	Y	
HAM11680	ALLVIEW CIR	ALLVIEW CIR	JACOB AV	26	1144.86	AC	338	66	FAIR	Y	
HAM03559	ALLVIEW CIR	ALLVIEW CT	JACOB AV	25	431.39	AC	446	49	POOR	Y	
HAM03612	ALLVIEW CIR	MUDDY CREEK RD	ALLVIEW CIR	24	297.42	AC	512	42	POOR	Y	
HAM35592	ALLVIEW CT	ALLVIEW CIR	TERM W OF ALLVIEW CIR	25	224.32	AC	650	64	FAIR	Y	
HAM20374	ALMA ST	TERM S OF SYCAMORE ST	SYCAMORE ST	11	364.15	AC	650	94	GOOD	Y	UNCOLLECTED PORTION BLOCKED BY GATE
HAM38739	ALMESTER DR	LAFEUILLE AV	TERM N OF LAFEUILLE AV	24	922.17	AC	576	71	SATISFACTORY	Y	
HAM38435	ALMS PL	CHAPEL ST	TERM N OF CHAPEL ST	37	298.58	AC	650	22	SERIOUS	Y	
HAM21495	ALMS PL	LINCOLN AV	FORAKER AV	35	306.98	AC	650	46	POOR	Y	
HAM21596	ALMS PL	MYRTLE AV	CHAPEL ST	40	451.02	AC	430	20	SERIOUS	Y	
HAM21575	ALMS PL	VICTORY PKWY	MYRTLE AV	39	330.07	AC	549	12	SERIOUS	Y	
HAM13106	ALPHA ST	CHAPMAN ST	WELTNER ST	11	480.70	AC	650	89	GOOD	Y	
HAM00587	ALPHA ST	OWASCO ST	CHAPMAN ST	15	318.88	AC	650	91	GOOD	Y	
HAM05545	ALPINE PL	ST PAUL DR	NASSAU ST	30	1131.28	AC	463	82	SATISFACTORY	Y	
HAM66457	ALPINE TER	ALPINE TER	PAXTON AV	24	1304.74	AC	323	79	SATISFACTORY	Y	
HAM66456	ALPINE TER	GRANDIN RIDGE DR	ALPINE TER	24	1276.96	AC	336	73	SATISFACTORY	Y	
HAM13287	ALPINE TER	PAXTON AV	LINWOOD AV	25	1290.87	AC	650	57	FAIR	Y	
HAM38835	ALPINE TER	TERM SE OF GRANDIN RIDGE DR	GRANDIN RIDGE DR	24	631.17	AC	307	83	SATISFACTORY	Y	
HAM38378	ALTER PL	TERM SW OF S FRED SHUTTLESWORTH CIR	S FRED SHUTTLESWORTH CIR	25	439.97	AC	650	81	SATISFACTORY	Y	
HAM21494	ALTOONA ST	KERPER AV	MATHERS ST	14	339.98	AC	650	33	VERY POOR	Y	ONE WAY
HAM21557	ALTOONA ST	MATHERS ST	WALTER AV	23	167.98	AC	599	49	POOR	Y	ONE WAY
HAM36317	ALVERNOVALLEY CT	TERM SE OF FRANCISRIDGE DR	FRANCISRIDGE DR	27	944.90	AC	650	67	FAIR	Y	
HAM38551	ALVIN ST	BODMANN AV	TERM N OF BODMANN AV	30	242.17	AC	650	35	VERY POOR	Y	
HAM26113	ALVIN ST	DORCHESTER AV	BODMANN AV	30	232.46	AC	650	42	POOR	Y	
HAM38985	AMANDA PL	GLENWAY AV	TERM N OF GLENWAY AV	19	559.34	AC	650	37	VERY POOR	Y	
HAM27216	AMAZON AV	CLIFTON AV	EGBERT AV	23	848.64	AC	650	95	GOOD	Y	
HAM38525	AMAZON AV	EGBERT AV	TERM W OF EGBERT AV	24	388.45	AC	367	93	GOOD	Y	
HAM06390	AMBAR AV	BEACON ST	MAGLY CT	25	949.27	AC	416	87	GOOD	Y	
HAM06393	AMBAR AV	MAGLY CT	BURNEY LN	25	1153.63	AC	428	90	GOOD	Y	
HAM35689	AMBERACRES DR	TERM SW OF SECTION RD	SECTION RD	25	575.29	AC	523	95	GOOD	Y	
HAM00046	AMBERLAWN AV	READING RD	PRODUCTION DR	24	460.93	AC	650	89	GOOD	Y	
HAM09373	AMBERSON AV	ERIE AV	PEMBROKE AV	24	331.65	AC	650	35	VERY POOR	Y	
HAM09392	AMBERSON AV	PEMBROKE AV	SAYBROOK AV	24	291.00	AC	650	39	VERY POOR	Y	
HAM38044	AMBERWOOD	HOLLYWOOD AV	TERM N OF HOLLYWOOD AV	23	123.64	AC	421	75	SATISFACTORY	Y	
HAM35462	AMBERWOOD CT	TERM E OF EDWOOD AV	EDWOOD AV	24	235.91	AC	650	41	POOR	Y	
HAM00437	AMBROSE AV	LANTANA AV	SALVIA AV	21	695.94	AC	332	95	GOOD	Y	ONE WAY
HAM00407	AMBROSE AV	SALVIA AV	HAMILTON AV	21	948.41	AC	272	95	GOOD	Y	ONE WAY
HAM37322	AMELIAMONT AV	TERM W OF MARBURG AV	MARBURG AV	21	553.92	AC	650	63	FAIR	Y	
HAM02408	AMETHYST ST	JOANA PL	GLENWAY AV	24	319.11	AC	650	52	POOR	Y	
HAM53451	AMITY AL	HORACE ST	BANK ST	9	209.40		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM29923	AMMON AV	HAYS AV	COLERAIN AV	20	967.34	AC	650	55	POOR	Y	
HAM33830	AMOR PL	TERM S OF WESTWOOD AV	WESTWOOD AV	31	755.82	AC	650	64	FAIR	Y	
HAM03022	ANACONDA DR	MUSTANG DR	MONTANA AV	23	873.86	AC	362	90	GOOD	Y	
HAM37821	ANACONDA DR	TERM SE OF MUSTANG DR	MUSTANG DR	24	994.95	AC	210	91	GOOD	Y	
HAM10861	ANCHORAGE RD	GASSAWAY RD	KELLOGG AV	10	1191.27	AC	638	51	POOR	Y	
HAM40840	ANCHORAGE RD	TERM NW OF GASSAWAY RD	GASSAWAY RD	13	125.28	AC	650	68	FAIR	Y	
HAM03532	ANDERSON FERRY RD	BRATER AV	ROBINET DR	33	164.35	AC	650	61	FAIR	Y	
HAM17600	ANDERSON FERRY RD	CINC|DELHTP CORPLINE	CINC|DELHTP CORPLINE	38	341.57	AC	260	82	SATISFACTORY	Y	
HAM17601	ANDERSON FERRY RD	CINC|DELHTP CORPLINE	CINC|DELHTP CORPLINE	37	268.15	AC	244	81	SATISFACTORY	Y	
HAM17703	ANDERSON FERRY RD	CINC|DELHTP CORPLINE	RIVERWATCH DR	25	717.65	AC	384	92	GOOD	Y	
HAM03815	ANDERSON FERRY RD	CROOKSHANK RD	ANDERSON FERRY RD	46	696.53	AC	650	61	FAIR	Y	
HAM03513	ANDERSON FERRY RD	GEROLD DR	GLENWAY AV	38	335.23	AC	650	43	POOR	Y	
HAM17605	ANDERSON FERRY RD	HILLSIDE AV	CINC|DELHTP CORPLINE	36	2371.18	AC	301	57	FAIR	Y	
HAM17568	ANDERSON FERRY RD	RIVER RD	HILLSIDE AV	26	641.61	AC	650	60	FAIR	Y	
HAM03531	ANDERSON FERRY RD	ROBINET DR	TULSA CT	37	175.12	AC	458	52	POOR	Y	
HAM37972	ANDERSON FERRY RD	TERM S OF BRATER AV	BRATER AV	18	155.79	AC	650	30	VERY POOR	Y	
HAM17563	ANDERSON FERRY RD	TERM S OF RIVER RD	RIVER RD	19	559.01	AC	650	27	VERY POOR	Y	
HAM03530	ANDERSON FERRY RD	TULSA CT	GEROLD DR	37	488.21	AC	392	54	POOR	Y	
HAM00583	ANDERSON PL	MADISON RD	CHANDLER ST	24	1087.33	AC	520	54	POOR	Y	
HAM12390	ANDINA AV	ANITA PL	PHANTOM AV	24	646.76	AC	427	85	SATISFACTORY	Y	
HAM12406	ANDINA AV	HERMIT AV	RHODE ISLAND AV	25	849.62	AC	245	82	SATISFACTORY	Y	
HAM12378	ANDINA AV	PHANTOM AV	HERMIT AV	24	772.14	AC	281	85	SATISFACTORY	Y	
HAM27439	ANDRESS AL	BANK ST	BELOIT AL	8	686.31		-1	-1		N	ALLEY / BOOTS ON THE GROUND

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM19709	ANDREW AV	ANDREW PL	MADISON RD	30	947.65	AC	363	68	FAIR	Y	
HAM37351	ANDREW PL	ANDREW AV	TERM E OF ANDREW AV	29	71.27	AC	650	82	SATISFACTORY	Y	
HAM37352	ANDREW PL	TERM W OF ANDREW AV	ANDREW AV	29	119.16	AC	650	84	SATISFACTORY	Y	
HAM38098	ANIOTON CT	CHARLOE ST	TERM E OF CHARLOE ST	24	706.63	AC	408	60	FAIR	Y	
HAM37331	ANITA PL	TERM W OF READING RD	READING RD	26	621.93	AC	650	42	POOR	Y	
HAM32042	ANNWOOD ST	GREGORY LN	ANNWOOD LN	30	632.35	AC	266	80	SATISFACTORY	Y	
HAM10256	ANNWOOD ST	MADISON RD	GREGORY LN	30	509.09	AC	512	80	SATISFACTORY	Y	
HAM60911	ANSONIA AV	GALVIN AV	TERM NW OF	3	34.30	AC	650	27	VERY POOR	Y	
HAM01696	ANSONIA AV	RIVER RD	GALVIN AV	13	197.87	AC	650	65	FAIR	Y	
HAM02160	ANTHONY AV	FREDERICK AV	PHILOMENA AV	26	263.13	AC	650	63	FAIR	Y	
HAM02159	ANTHONY AV	PHILOMENA AV	OTTE AV	25	265.00	AC	548	73	SATISFACTORY	Y	
HAM66599	ANTHONY WAYNE AV	ANTHONY WAYNE AV	AVALON ST	37	1049.37	AC	237	36	VERY POOR	Y	
HAM29590	ANTHONY WAYNE AV	AVALON ST	OAKMONT ST	34	433.77	AC	296	35	VERY POOR	Y	
HAM29823	ANTHONY WAYNE AV	CITY CENTRE DR	WOODBINE AV	38	1373.61	AC	284	63	FAIR	Y	
HAM29769	ANTHONY WAYNE AV	E 75TH ST	UNNAMED AL	35	177.64	AC	609	45	POOR	Y	
HAM29793	ANTHONY WAYNE AV	E 76TH ST	UNNAMED AL	34	179.72	AC	650	42	POOR	Y	
HAM29791	ANTHONY WAYNE AV	E 77TH ST	CITY CENTRE DR	34	373.66	AC	413	42	POOR	Y	
HAM26807	ANTHONY WAYNE AV	HARTWELL AV	SHEEHAN AV	39	1070.90	AC	269	43	POOR	Y	
HAM30296	ANTHONY WAYNE AV	KEARNEY ST	HARTWELL AV	34	655.33	AC	242	37	VERY POOR	Y	
HAM30295	ANTHONY WAYNE AV	MYSTIC AV	KEARNEY ST	34	500.90	AC	236	32	VERY POOR	Y	
HAM27074	ANTHONY WAYNE AV	OAKMONT ST	PARKWAY AV	34	603.88	AC	194	32	VERY POOR	Y	
HAM17878	ANTHONY WAYNE AV	OXLEY ST	S WAYNE AV	39	539.73	AC	650	70	FAIR	Y	
HAM30302	ANTHONY WAYNE AV	PARKWAY AV	MYSTIC AV	35	496.89	AC	178	36	VERY POOR	Y	
HAM17921	ANTHONY WAYNE AV	SHEEHAN AV	OXLEY ST	39	472.74	AC	176	66	FAIR	Y	
HAM29770	ANTHONY WAYNE AV	UNNAMED AL	E 76TH ST	35	178.64	AC	625	38	VERY POOR	Y	
HAM29792	ANTHONY WAYNE AV	UNNAMED AL	E 77TH ST	34	138.15	AC	650	54	POOR	Y	
HAM20284	ANTIQUE ST	E CLIFTON AV	PEETE ST	20	149.81	AC	650	57	FAIR	Y	
HAM20285	ANTIQUE ST	PEETE ST	MULBERRY ST	19	146.30	AC	650	54	POOR	Y	
HAM11397	ANTOINETTE AV	SHERMAN AV	GLADE AV	24	712.56	AC	413	94	GOOD	Y	
HAM07513	APJONES ST	CHAMBERS ST	MAD ANTHONY ST	36	396.95	AC	531	95	GOOD	Y	
HAM07527	APJONES ST	DANE AV	CHAMBERS ST	33	407.07	AC	423	95	GOOD	Y	
HAM07536	APJONES ST	DICKS AL	DANE AV	31	192.70	AC	650	41	POOR	Y	
HAM07224	APJONES ST	MAD ANTHONY ST	FERGUS ST	36	151.13	AC	650	90	GOOD	Y	
HAM07317	APPLE ST	BLUE ROCK ST	PALM AV	24	294.17	AC	317	60	FAIR	Y	
HAM07254	APPLE ST	COOPER ST	HOFFNER ST	25	299.51	AC	494	74	SATISFACTORY	Y	
HAM07248	APPLE ST	HOFFNER ST	VANDALIA AV	25	318.05	AC	350	73	SATISFACTORY	Y	
HAM07424	APPLE ST	KNOWLTON ST	CHASE AV	23	588.63	AC	280	70	FAIR	Y	
HAM07315	APPLE ST	PALM AV	KNOWLTON ST	23	251.89	AC	402	63	FAIR	Y	
HAM29467	APPLE ST	POWERS ST	COOPER ST	24	299.40	AC	597	56	FAIR	Y	
HAM07246	APPLE ST	VANDALIA AV	BLUE ROCK ST	25	293.39	AC	272	65	FAIR	Y	
HAM15519	APPLEGATE AV	GLENMORE AV	CHEV|CINC CORPLINE	41	178.62	AC	511	55	POOR	Y	
HAM12150	APPLETON ST	MADISON RD	MINOT AV	31	399.47	AC	650	43	POOR	Y	
HAM21319	APPLETON ST	MINOT AV	ROBERTSON AV	31	242.40	AC	285	32	VERY POOR	Y	
HAM21320	APPLETON ST	ROBERTSON AV	ENYART AV	29	430.62	AC	650	32	VERY POOR	Y	
HAM38749	AQUADALE LN	MCBREEN AV	TERM N OF MCBREEN AV	25	739.56	AC	632	92	GOOD	Y	
HAM38716	AQUADALE LN	TERM S OF MCBREEN AV	MCBREEN AV	24	757.88	AC	556	94	GOOD	Y	
HAM19769	ARBOR AV	TERM W OF MILLSBRAE AV	MILLSBRAE AV	30	717.84	AC	556	79	SATISFACTORY	Y	
HAM37121	ARCADIA PL	ARCADIA PL	ARCADIA PL	24	867.07	AC	546	61	FAIR	Y	
HAM53633	ARCADIA PL	ARCADIA PL	ARCADIA PL	22	289.80	AC	650	79	SATISFACTORY	Y	
HAM27645	ARCH ST	BROADWAY	IOLA AL	19	175.71	AC	650	37	VERY POOR	Y	
HAM27780	ARCH ST	IOLA AL	LUDLOW ST	19	203.45	AC	414	37	VERY POOR	Y	
HAM14509	ARCHER AV	BOUCHAINE WY	LEONARD ST	27	591.16	AC	324	82	SATISFACTORY	Y	
HAM14510	ARCHER AV	RUSSELL AV	BOUCHAINE WY	26	337.77	AC	598	83	SATISFACTORY	Y	
HAM14508	ARCHER AV	SHATTUC AV	RUSSELL AV	26	259.72	AC	650	87	GOOD	Y	
HAM35461	ARCHLAND DR	KIRKLAND DR	TERM NW OF KIRKLAND DR	24	923.32	AC	197	89	GOOD	Y	
HAM00810	ARCHLAND DR	MONTEVISTA DR	KIRKLAND DR	24	330.53	AC	231	86	GOOD	Y	
HAM00139	ARDMORE AV	ABINGTON AV	REDWOOD TER	25	330.41	AC	650	93	GOOD	Y	
HAM38354	ARDMORE AV	TERM S OF ABINGTON AV	ABINGTON AV	23	566.10	AC	650	94	GOOD	Y	
HAM00918	ARGUS RD	ADDICE WY	LOISKA LN	35	272.78	AC	242	52	POOR	Y	
HAM02269	ARGUS RD	ALBANY TER	CEDAR AV	33	317.85	AC	235	36	VERY POOR	Y	
HAM00416	ARGUS RD	ATWOOD AV	ELDA LN	34	224.94	AC	255	41	POOR	Y	
HAM03295	ARGUS RD	CEDAR AV	ATWOOD AV	34	549.48	AC	244	62	FAIR	Y	
HAM00418	ARGUS RD	ELDA LN	ADDICE WY	34	271.34	AC	475	53	POOR	Y	
HAM01974	ARGUS RD	GRAYVIEW CT	ALBANY TER	34	512.85	AC	277	38	VERY POOR	Y	
HAM01963	ARGUS RD	GROESBECK RD	GRAYVIEW CT	34	731.99	AC	273	44	POOR	Y	
HAM00917	ARGUS RD	LOISKA LN	W NORTH BEND RD	34	358.69	AC	455	65	FAIR	Y	
HAM21968	ARLINGTON ST	COLERAIN AV	SPRING GROVE AV	31	866.52	AC	650	61	FAIR	Y	
HAM06857	ARMADA PL	HETZEL ST	COVINGTON AV	24	247.57	AC	526	61	FAIR	Y	
HAM07331	ARMOUR AL	COATES AL	BEECH HILL AV	10	848.92		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM09230	ARNOLD ST	CLIFF LAINE DR	HEALEY CT	22	97.98	AC	650	95	GOOD	Y	
HAM09224	ARNOLD ST	HAYWARD AV	RICHWOOD AV	19	643.78	AC	226	91	GOOD	Y	
HAM09194	ARNOLD ST	HEALEY CT	LEBLOND AV	20	194.63	AC	650	91	GOOD	Y	
HAM09193	ARNOLD ST	RICHWOOD AV	CLIFF LAINE DR	20	116.25	AC	530	86	GOOD	Y	
HAM35811	ARNSBY PL	AZALEA AV	TERM E OF AZALEA AV	14	487.63	AC	650	32	VERY POOR	Y	
HAM11274	ARNSBY PL	ERIE AV	SHERWOOD AV	33	758.90	AC	523	35	VERY POOR	Y	
HAM11275	ARNSBY PL	SHERWOOD AV	AZALEA AV	34	908.59	AC	551	46	POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM35820	ARNSBY PL	TERM W OF SIMPSON AV	SIMPSON AV	24	351.93	AC	650	89	GOOD	Y	
HAM11531	ARROW AV	GRAND VISTA AV	DRYDEN AV	25	440.27	AC	461	78	SATISFACTORY	Y	
HAM12825	ARROW AV	WOODMONT AV	GRAND VISTA AV	26	665.13	AC	442	79	SATISFACTORY	Y	
HAM26169	ART MUSEUM DR	IDA ST	MT ADAMS DR	23	418.75	AC	297	59	FAIR	Y	
HAM26173	ART MUSEUM DR	MT ADAMS DR	EDEN PARK DR	29	1544.50	AC	260	69	FAIR	Y	
HAM38676	ARTHUR PL	BRESTEL RD	TERM NW OF BRESTEL RD	13	235.19	AC	650	86	GOOD	Y	
HAM27836	ARTIST AL	PENDLETON ST	FRANK ST	14	678.76	BR	520	-1		Y	
HAM02146	ASHBROOK DR	GREEN GLEN LN	HARDWICK DR	24	449.10	AC	494	56	FAIR	Y	
HAM37149	ASHBROOK DR	HARDWICK DR	TERM NW OF HARDWICK DR	25	687.32	AC	385	54	POOR	Y	
HAM02148	ASHBROOK DR	PROSPERITY PL	GREEN GLEN LN	24	414.23	AC	375	72	SATISFACTORY	Y	
HAM01788	ASHBROOK DR	UNNAMED R/W	PROSPERITY PL	24	823.55	AC	520	59	FAIR	Y	
HAM21593	ASHLAND AV	BURDETT AV	VICTORY PKWY	35	317.02	AC	586	92	GOOD	Y	
HAM21591	ASHLAND AV	CHAPEL ST	LINCOLN AV	36	281.08	AC	532	36	VERY POOR	Y	
HAM05674	ASHLAND AV	CYPRESS ST	FLEMING ST	36	633.52	AC	501	43	POOR	Y	
HAM06017	ASHLAND AV	E MCMILLAN ST	WILLIAM H TAFT RD	36	614.11	AC	650	94	GOOD	Y	
HAM05673	ASHLAND AV	FLEMING ST	E MCMILLAN ST	35	511.90	AC	356	56	FAIR	Y	
HAM38434	ASHLAND AV	MYRTLE AV	TERM N OF VICTORY PKWY	36	485.55	AC	478	46	POOR	Y	
HAM65425	ASHLAND AV	UPLAND PL	CYPRESS ST	17	111.75	AC	650	24	SERIOUS	Y	
HAM05777	ASHLAND AV	WILLIAM H TAFT RD	BURDETT AV	36	415.07	AC	506	95	GOOD	Y	
HAM06702	ASHMONT AV	SHADY LN	MONTEITH AV	18	286.51	AC	650	89	GOOD	Y	
HAM00320	ASHTABULA ST	WHIPPLE ST	HUEY AV	15	390.16	AC	541	50	POOR	Y	
HAM08257	ASHTON AL	WERNER ST	BAYMILLER ST	9	296.98		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM01867	ASHTREE DR	CASEY DR	HAMILTON AV	38	520.09	AC	295	64	FAIR	Y	
HAM02429	ASHTREE DR	FIRTREE CT	MONTEREY CT	47	357.49	AC	267	50	POOR	Y	
HAM01872	ASHTREE DR	MONTEREY CT	CASEY DR	51	895.14	AC	196	59	FAIR	Y	
HAM12214	ASHWOOD DR	ABELIA CT	PANDORA AV	25	326.52	AC	364	80	SATISFACTORY	Y	
HAM12220	ASHWOOD DR	PANDORA AV	ABELIA CT	24	1111.22	AC	409	70	FAIR	Y	
HAM10181	ASHWORTH DR	BEECHAM LN	WILLOWLEA CT	26	352.40	AC	411	73	SATISFACTORY	Y	
HAM10182	ASHWORTH DR	ERIE AV	BEECHAM LN	26	959.54	AC	366	73	SATISFACTORY	Y	
HAM10180	ASHWORTH DR	TRASKWOOD CIR	TRASKWOOD CIR	33	432.39	AC	366	81	SATISFACTORY	Y	
HAM10179	ASHWORTH DR	WILLOWLEA CT	TRASKWOOD CIR	24	351.19	AC	560	45	POOR	Y	
HAM12503	ASMANN AV	LEDGEWOOD DR	VICTORY PKWY	37	287.18	AC	357	48	POOR	Y	
HAM12513	ASMANN AV	READING RD	LEDGEWOOD DR	36	810.57	AC	417	41	POOR	Y	
HAM12514	ASMANN AV	VICTORY PKWY	CINC|NOR CORPLINE	37	145.65	AC	650	71	SATISFACTORY	Y	
HAM38658	ASPASIA ST	TERM SW OF GOLDEN AV	GOLDEN AV	26	405.10	PCC	650	77	SATISFACTORY	Y	
HAM00880	ASPEN AV	W NORTH BEND RD	HEITZLER AV	25	677.85	AC	301	87	GOOD	Y	
HAM10944	ASPEN WY	ASPEN WY	HEITZLER AV	19	797.83	AC	237	85	SATISFACTORY	Y	
HAM00879	ASPEN WY	HEITZLER AV	HARBESON AV	19	886.43	AC	282	89	GOOD	Y	
HAM36093	ASPENKNOLL CT	EAGLESRIDGE LN	TERM NE OF EAGLESRIDGE LN	19	159.88	AC	650	95	GOOD	Y	
HAM38309	ASTER PL	TERM E OF HAMILTON AV	HAMILTON AV	25	1115.03	AC	489	56	FAIR	Y	
HAM37119	ASTORIA AV	TERM W OF SHADY LN	ASHMONT AV	30	433.55	AC	650	39	VERY POOR	Y	
HAM09156	ATHENS AV	HOGE ST	GRANDIN RD	16	706.72	AC	650	48	POOR	Y	
HAM59652	ATKINSON ST	BALL ST	CLIFTON AV	30	124.68	AC	650	71	SATISFACTORY	Y	
HAM59651	ATKINSON ST	MOERLEIN AV	BALL ST	30	430.00	AC	650	65	FAIR	Y	
HAM32904	ATLANTIC AV	TERM W OF MILLSBRAE AV	MILLSBRAE AV	31	729.84	AC	627	33	VERY POOR	Y	
HAM52563	ATLAS AL	TERM E OF FREEMAN AV	FREEMAN AV	11	291.94	AC	650	92	GOOD	Y	
HAM02827	ATLIN AV	CAVANAUGH AV	TERM W OF CAVANAUGH AV	20	98.20	AC	650	55	POOR	Y	
HAM02938	ATLIN AV	COSTELLO AV	CAVANAUGH AV	18	276.31	AC	650	79	SATISFACTORY	Y	
HAM39001	ATSON LN	DOROTHY LN	TERM NE OF DOROTHY LN	24	1240.30	AC	513	73	SATISFACTORY	Y	
HAM11711	ATSON LN	W LIBERTY ST	DOROTHY LN	25	415.14	AC	650	79	SATISFACTORY	Y	
HAM11937	ATTICA AV	GROVER HILL AV	SWIFT AV	19	386.76	AC	650	33	VERY POOR	Y	
HAM11949	ATTICA AV	TERM S OF GROVER HILL AV	GROVER HILL AV	13	134.65	AC	650	38	VERY POOR	Y	
HAM00434	ATWOOD AV	HOMESIDE AV	LEFFINGWELL AV	24	902.41	AC	415	74	SATISFACTORY	Y	
HAM00429	ATWOOD AV	LEFFINGWELL AV	KENNETH AV	24	342.41	AC	643	71	SATISFACTORY	Y	
HAM20169	AUBURN AV	ALBION PL	MCGREGOR AV	36	252.80	AC	596	95	GOOD	Y	
HAM20111	AUBURN AV	BODMANN AV	HUNTINGTON PL	35	271.87	AC	565	36	VERY POOR	Y	
HAM20202	AUBURN AV	DORCHESTER AV	BODMANN AV	36	182.73	AC	650	42	POOR	Y	
HAM07861	AUBURN AV	E HOLLISTER ST	KINSEY AV	36	174.73	AC	143	95	GOOD	Y	
HAM07892	AUBURN AV	E MCMILLAN ST	WILLIAM H TAFT RD	38	237.44	AC	385	95	GOOD	Y	
HAM20162	AUBURN AV	EARNSHAW AV	GILMAN AV	46	376.83	AC	300	45	POOR	Y	
HAM20205	AUBURN AV	GILMAN AV	ALBION PL	36	154.78	AC	174	94	GOOD	Y	
HAM20148	AUBURN AV	HUNTINGTON PL	SOUTHERN AV	36	231.29	AC	310	41	POOR	Y	
HAM07860	AUBURN AV	KINSEY AV	E MCMILLAN ST	36	433.06	AC	650	95	GOOD	Y	
HAM33111	AUBURN AV	MCCORMICK PL	E HOLLISTER ST	35	261.13	AC	127	95	GOOD	Y	
HAM07868	AUBURN AV	MCGREGOR AV	WELLINGTON PL	37	413.73	AC	380	95	GOOD	Y	
HAM20372	AUBURN AV	PARK PL	DORCHESTER AV	15	296.71	AC	650	76	SATISFACTORY	Y	
HAM20106	AUBURN AV	SOUTHERN AV	EARNSHAW AV	37	215.06	AC	353	44	POOR	Y	
HAM20371	AUBURN AV	TERM S OF AUBURN AV SPLIT	PARK PL	15	384.73	AC	650	83	SATISFACTORY	Y	UNCOLLECTED PORTION DOES NOT EXIST
HAM07873	AUBURN AV	WELLINGTON PL	MCCORMICK PL	38	145.42	AC	217	95	GOOD	Y	
HAM07885	AUBURNCREST AV	MCGREGOR AV	HELEN ST	24	351.36	AC	650	83	SATISFACTORY	Y	
HAM20201	AUDREY TER	ESTELLE ST	MALVERN PL	30	92.78	AC	650	93	GOOD	Y	
HAM05769	AUDUBON ST	HOFF AV	COLUMBIA PKWY	14	269.19	AC	650	37	VERY POOR	Y	
HAM54263	AUDUBON ST	HOFF AV	HOFF AV	20	65.91	AC	650	35	VERY POOR	Y	
HAM15896	AUGUSTA AV	BOUDINOT AV	CHEV|CINC CORPLINE	24	179.15	AC	650	79	SATISFACTORY	Y	
HAM27572	AUGUSTA ST	SMITH ST	ROSE ST	33	490.99	BR	650	-1		Y	
HAM08804	AULT PARK AV	BELLECREST AV	WILSHIRE AV	25	314.37	AC	650	85	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM09411	AULT PARK AV	ERIE AV	BELLECREST AV	30	300.79	AC	650	79	SATISFACTORY	Y	
HAM35861	AULT PARK AV	WILSHIRE AV	TERM E OF WILSHIRE AV	26	1317.33	AC	296	79	SATISFACTORY	Y	
HAM09354	AULT VIEW AV	AULT WOODS LN	URIGHT PL	24	252.20	AC	650	65	FAIR	Y	
HAM41022	AULT VIEW AV	URIGHT PL	OBSERVATORY AV	24	1522.79	AC	334	60	FAIR	Y	
HAM09265	AULT WOODS LN	AULT VIEW AV	CRESTWOOD AV	23	232.32	AC	292	60	FAIR	Y	
HAM09267	AULT WOODS LN	CRESTWOOD AV	CUSTER AV	24	171.98	AC	456	45	POOR	Y	
HAM38870	AULT WOODS LN	CUSTER AV	TERM E OF CUSTER AV	16	106.55	AC	650	42	POOR	Y	
HAM09266	AULT WOODS LN	HERSCHEL AV	AULT VIEW AV	24	395.80	AC	481	45	POOR	Y	
HAM12192	AUTEN AV	LESTER RD	VERULAM AV	30	398.83	AC	650	34	VERY POOR	Y	
HAM12187	AUTEN AV	VERULAM AV	RIDGE AV	30	954.96	AC	550	43	POOR	Y	
HAM39096	AUTUMNHILL CT	SPINDLEWICK LN	TERM N OF SPINDLEWICK LN	28	218.13	AC	650	77	SATISFACTORY	Y	
HAM29589	AVALON ST	OAKMONT ST	ANTHONY WAYNE AV	24	992.07	AC	309	91	GOOD	Y	
HAM27070	AVALON ST	WOODBINE AV	OAKMONT ST	21	371.80	AC	302	91	GOOD	Y	
HAM09375	AVERY LN	ST JOHNS PL	AVERY LN	10	249.56	AC	650	23	SERIOUS	Y	
HAM09388	AVERY LN		OBSERVATORY PL	3	647.00	AC	650	18	SERIOUS	Y	UNCOLLECTED PORTION PEDESTRIAN PATHWAY
HAM12530	AVON DR	PADDOCK HILLS DR	READING LN	20	743.32	AC	442	84	SATISFACTORY	Y	
HAM12548	AVON DR	READING LN	READING RD	20	388.48	AC	650	81	SATISFACTORY	Y	
HAM40499	AVON DR	TERM NW OF PADDOCK HILLS DR	PADDOCK HILLS DR	21	948.72	AC	397	93	GOOD	Y	
HAM11897	AVON FIELDS LN	AVON FIELDS PL	RED BUD AV	23	771.63	AC	499	65	FAIR	Y	
HAM11777	AVON FIELDS LN	CINC|STBRND CORPLINE	ROSE HILL AV	25	154.86	AC	296	77	SATISFACTORY	Y	
HAM12862	AVON FIELDS LN	ROSE HILL AV	AVON FIELDS PL	23	572.08	AC	351	75	SATISFACTORY	Y	
HAM11902	AVON FIELDS PL	RED BUD AV	AVON FIELDS LN	24	423.07	AC	609	75	SATISFACTORY	Y	
HAM25590	AVON PL	MEEKER ST	SPRING GROVE AV	24	313.00	AC	650	82	SATISFACTORY	Y	
HAM12674	AVONDALE AV	GLEN LYON AV	WINDING WY	36	914.18	AC	401	82	SATISFACTORY	Y	
HAM12115	AVONDALE AV	READING RD	GLEN LYON AV	38	670.56	AC	614	87	GOOD	Y	
HAM12678	AVONDALE AV	WINDING WY	LEDGEWOOD DR	37	596.51	AC	451	81	SATISFACTORY	Y	
HAM19608	AVONLEA AV	HERMIT AV	RHODE ISLAND AV	25	814.41	AC	429	84	SATISFACTORY	Y	
HAM23904	AVONLEA AV	PHANTOM AV	HERMIT AV	25	769.45	AC	119	84	SATISFACTORY	Y	
HAM23903	AVONLEA AV	READING RD	PHANTOM AV	24	775.32	AC	623	72	SATISFACTORY	Y	
HAM29517	AYERSHIRE AV	SALEM RD	WHITEHALL AV	24	329.89	AC	537	84	SATISFACTORY	Y	
HAM36982	AYERSHIRE AV	WHITEHALL AV	TERM N OF WHITEHALL AV	24	528.31	AC	527	88	GOOD	Y	
HAM35860	AYLESBORO AV	WILSHIRE AV	TERM E OF WILSHIRE AV	25	1177.25	AC	305	42	POOR	Y	
HAM06589	AZALEA AV	ARNSBY PL	BRAMBLE AV	25	352.10	AC	614	89	GOOD	Y	
HAM06590	AZALEA AV	ISLINGTON AV	ARNSBY PL	24	355.57	AC	569	87	GOOD	Y	
HAM05359	BABB AL	BROWN ST	MAYAPPLE ST	10	294.73	AC	650	36	VERY POOR	Y	
HAM05361	BABB AL	MAYAPPLE ST	RIDGLEY ST	17	290.15	AC	650	84	SATISFACTORY	Y	
HAM05369	BABB AL	PAGE ST	WATSON ST	9	287.03	AC	650	55	POOR	Y	
HAM05383	BABB AL	REDMOND AL	WORTH ST	14	159.06	AC	650	54	POOR	Y	
HAM05365	BABB AL	RIDGLEY ST	PAGE ST	15	294.31	AC	650	91	GOOD	Y	
HAM05376	BABB AL	SETCHELL ST	STRADER AV	9	384.74	AC	650	81	SATISFACTORY	Y	
HAM05355	BABB AL	ST PETERS ST	BROWN ST	10	339.20	AC	650	84	SATISFACTORY	Y	
HAM05380	BABB AL	STRADER AV	REDMOND AL	14	172.15	AC	650	78	SATISFACTORY	Y	
HAM05373	BABB AL	WATSON ST	WENNER ST	9	290.77	AC	650	86	GOOD	Y	
HAM05374	BABB AL	WENNER ST	SETCHELL ST	13	272.72	AC	650	79	SATISFACTORY	Y	
HAM50522	BABSON PL	INSPIRATION WY	MADISON RD	33	586.74	AC	523	92	GOOD	Y	
HAM55473	BABSON PL	SPORT DOG DR	INSPIRATION WY	32	423.52	AC	258	93	GOOD	Y	
HAM12136	BACH AV	BALLARD AV	CAVOUR ST	31	639.86	AC	650	26	VERY POOR	Y	
HAM12137	BACH AV	CAVOUR ST	MARBURG AV	14	735.58	AC	650	29	VERY POOR	Y	
HAM08543	BACK ST	HAMER ST	SHARP AL	18	103.98	AC	650	91	GOOD	Y	ONE WAY
HAM08544	BACK ST	SHARP AL	WALNUT ST	18	451.53	AC	586	94	GOOD	Y	ONE WAY
HAM25541	BADER ST	HENSHAW AV	COLERAIN AV	30	187.58	AC	650	36	VERY POOR	Y	
HAM25540	BADER ST	MASSACHUSETTS AV	SIDNEY AV	31	248.55	AC	650	55	POOR	Y	
HAM27335	BADER ST	SIDNEY AV	HENSHAW AV	30	254.03	AC	515	43	POOR	Y	
HAM56591	BADGELEY CIR	CHASE AV	CHASE AV	35	447.63	AC	650	81	SATISFACTORY	Y	
HAM02645	BADGELEY ST	TERM S OF MARTHA AV	MARTHA AV	19	427.64	AC	650	74	SATISFACTORY	Y	
HAM07453	BADGELEY ST	TERM SW OF WASHBURN ST	WASHBURN ST	24	157.70	AC	650	74	SATISFACTORY	Y	
HAM14223	BAGDAD DR	MEADOWBRIGHT LN	DELIQUIA DR	24	290.02	AC	441	56	FAIR	Y	
HAM14220	BAGDAD DR	MINARET CT	MEADOWBRIGHT LN	28	292.21	AC	650	45	POOR	Y	
HAM36089	BAGDAD DR	TERM SW OF MINARET CT	MINARET CT	28	492.41	AC	581	50	POOR	Y	
HAM20556	BAHAMA TER	BAHAMA TER	COLERAIN AV	37	945.78	AC	368	76	SATISFACTORY	Y	
HAM26145	BAINS ST	COLUMBIA PKWY	RIVERSIDE DR	25	607.16	AC	650	90	GOOD	Y	ONE WAY
HAM02730	BAKER AV	HARRISON AV	ST LEO PL	23	716.12	AC	650	42	POOR	Y	
HAM38675	BAKER AV	ST LEO PL	TERM N OF ST LEO PL	25	651.43	AC	650	61	FAIR	Y	
HAM35907	BAKER PL	TERM S OF MADISON RD	MADISON RD	24	637.98	AC	462	93	GOOD	Y	
HAM25855	BALDWIN AL	PENDERY AL	W COURT ST	7	170.67		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM25853	BALDWIN AL	W 12TH ST	W 13TH ST	8	435.27		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM25827	BALDWIN AL	W 7TH ST	W ONEIDIA AL	9	136.52		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM25856	BALDWIN AL	W 9TH ST	PENDERY AL	6	164.70		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM25858	BALDWIN AL	W CENTRAL PKWY	W 12TH ST	11	393.37		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM25854	BALDWIN AL	W COURT ST	ELKINS AL	7	162.49		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM25839	BALDWIN AL	W ONEIDIA AL	GARFIELD PL	8	127.13		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM25857	BALDWIN AL	WEAVER AL	W 9TH ST	7	163.39		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM12152	BALLARD AV	BACH AV	BROTHERTON RD	29	416.72	AC	650	45	POOR	Y	
HAM12154	BALLARD AV	BERWYN PL	BACH AV	30	602.12	AC	321	44	POOR	Y	
HAM12144	BALLARD AV	PAXTON AV	BERWYN PL	30	543.16	AC	393	62	FAIR	Y	
HAM08046	BALTIMORE AV	BEEKMAN ST	LIDDELL ST	41	277.39	AC	203	93	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM02744	BALTIMORE AV	BRESTEL RD	BRINKMEIER AV	35	687.44	AC	167	76	SATISFACTORY	Y	
HAM02712	BALTIMORE AV	BRINKMEIER AV	MERREL AV	34	457.45	AC	130	91	GOOD	Y	
HAM02715	BALTIMORE AV	CARLL ST	BRESTEL RD	32	646.70	AC	176	88	GOOD	Y	
HAM02726	BALTIMORE AV	GEIGER ST	ST LEO PL	39	165.70	AC	116	81	SATISFACTORY	Y	
HAM02702	BALTIMORE AV	HAWKINS AV	PRESIDENT DR	40	408.37	AC	439	86	GOOD	Y	
HAM29968	BALTIMORE AV	IROLL AV	MONTANA AV	37	2826.63	AC	326	48	POOR	Y	
HAM08056	BALTIMORE AV	LIDDELL ST	LINDEN ST	40	658.55	AC	156	84	SATISFACTORY	Y	
HAM08058	BALTIMORE AV	LINDEN ST	TREVOR PL	40	355.02	AC	82	93	GOOD	Y	
HAM02703	BALTIMORE AV	MCHENRY AV	HAWKINS AV	39	246.41	AC	547	85	SATISFACTORY	Y	
HAM11845	BALTIMORE AV	MERREL AV	YOAST AV	34	942.86	AC	128	89	GOOD	Y	
HAM02918	BALTIMORE AV	PRESIDENT DR	IROLL AV	38	270.52	AC	393	43	POOR	Y	
HAM01980	BALTIMORE AV	SEEGAR AV	SEEGAR AV	40	137.99	AC	117	89	GOOD	Y	
HAM02727	BALTIMORE AV	SEEGAR AV	GEIGER ST	40	498.38	AC	89	89	GOOD	Y	
HAM02745	BALTIMORE AV	ST LEO PL	CARLL ST	41	466.11	AC	141	94	GOOD	Y	
HAM08051	BALTIMORE AV	TREVOR PL	SEEGAR AV	41	617.71	AC	141	71	SATISFACTORY	Y	
HAM02705	BALTIMORE AV	WERON LN	MCHENRY AV	34	520.97	AC	306	90	GOOD	Y	
HAM11833	BALTIMORE AV	WESTWOOD NORTHERN BLVD	WERON LN	34	1189.96	AC	210	89	GOOD	Y	
HAM11841	BALTIMORE AV	YOAST AV	WESTWOOD NORTHERN BLVD	34	1309.90	AC	193	79	SATISFACTORY	Y	
HAM07312	BALTZER AL	KNOWLTON ST	MEDILL AL	5	160.34		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM07294	BALTZER AL	LINGO ST	POPE AL	7	159.57		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM07305	BALTZER AL	MEDILL AL	LINGO ST	6	155.86		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM07285	BALTZER AL	POPE AL	CHASE AV	8	162.00		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM38494	BAMBOO AL	TERM W OF ELIJAH AL	ELIJAH AL	15	184.35		-1	-1		N	UNPAVED ROAD
HAM27320	BANGOR AL	STOCK ST	COMBS AL	8	274.08		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM10394	BANK ST	AMITY AL	BAYMILLER ST	73	125.97	AC	108	60	FAIR	Y	
HAM27448	BANK ST	BANK ST TO I-75 NB EXWY RAMP	DALTON AV	76	428.24	AC	321	84	SATISFACTORY	Y	
HAM08195	BANK ST	BAYMILLER ST	FREEMAN AV	72	614.75	AC	161	53	POOR	Y	
HAM27432	BANK ST	BRIGHT AL	COLERAIN AV	74	120.81	AC	179	59	FAIR	Y	
HAM27431	BANK ST	COLERAIN AV	GIBSON AL	69	120.07	AC	166	65	FAIR	Y	
HAM08265	BANK ST	FREEMAN AV	KIMPEL AL	71	120.89	AC	378	59	FAIR	Y	
HAM27430	BANK ST	GIBSON AL	PATTERSON ST	68	106.30	AC	138	50	POOR	Y	
HAM08264	BANK ST	KIMPEL AL	KINDEL AV	71	116.99	AC	129	53	POOR	Y	
HAM08263	BANK ST	KINDEL AV	BRIGHT AL	70	104.59	AC	168	69	FAIR	Y	
HAM27428	BANK ST	KOEBEL ST	PORTER AL	70	103.37	AC	137	58	FAIR	Y	
HAM56631	BANK ST	LINN ST	AMITY AL	30	616.84	AC	477	50	POOR	Y	
HAM27429	BANK ST	PATTERSON ST	KOEBEL ST	68	141.75	AC	186	62	FAIR	Y	
HAM27427	BANK ST	PORTER AL	WINCHELL AV	70	145.70	AC	650	56	FAIR	Y	
HAM35916	BANKWOOD LN	TERM S OF BRUSHWOOD AV	BRUSHWOOD AV	24	647.85	AC	451	51	POOR	Y	
HAM38431	BANNING AL	OAK ST	TERM N OF OAK ST	17	182.53	AC	650	56	FAIR	Y	
HAM01586	BANNING RD	MONA LISA CT	CINC|COLETP|SPRGTP CORPLINE	23	788.29	AC	217	81	SATISFACTORY	Y	
HAM60041	BANNING RD	TERM SE OF	TERM NW OF	25	243.58	AC	247	73	SATISFACTORY	Y	
HAM11871	BANNING RD	W NORTH BEND RD	W NORTH BEND RD	40	353.29	AC	650	48	POOR	Y	
HAM13713	BANNING RD	W NORTH BEND RD	RENEE CT	18	749.30	AC	352	55	POOR	Y	
HAM11557	BANTRY AV	DANTE AV	PACE AV	26	377.37	AC	313	48	POOR	Y	
HAM11559	BANTRY AV	GLEN AV	DANTE AV	24	318.80	AC	273	41	POOR	Y	
HAM11564	BANTRY AV	IRIS AV	GLEN AV	24	348.61	AC	460	51	POOR	Y	
HAM11560	BANTRY AV	MONTGOMERY RD	IRIS AV	24	443.58	AC	584	37	VERY POOR	Y	
HAM11563	BANTRY AV	PACE AV	WELTON ST	30	311.34	AC	491	38	VERY POOR	Y	
HAM11584	BANTRY AV	WELTON ST	CRESTVIEW AV	30	309.21	AC	414	37	VERY POOR	Y	
HAM40498	BARBARA PL	CLEARBROOK DR	TERM N OF CLEARBROOK DR	24	145.05	AC	650	71	SATISFACTORY	Y	
HAM37950	BARBERRY AV	DUCK CREEK RD TO DANA AV RAMP	TERM N OF GRIGG AV	25	397.64	AC	650	41	POOR	Y	
HAM08346	BARD AL	BAUER AV	W LIBERTY ST	7	210.87		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM30639	BARD AL	OLIVER ST	POPLAR ST	6	232.90		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM08384	BARD AL	POPLAR ST	LIVINGSTON ST	8	232.59		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM08387	BARD AL	W LIBERTY ST	OLIVER ST	8	252.82		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM08542	BARDES AL	VINE ST	REPUBLIC ST	7	172.03		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM66306	BARNSIDE LN	DANIELS WALK	TERM NE OF	30	412.60	AC	650	90	GOOD	Y	
HAM62952	BARROW AV	KENNECTOR ST	TERM N OF KENNECTOR ST	24	190.02	AC	650	79	SATISFACTORY	Y	
HAM62953	BARROW AV	TERM S OF KENNECTOR ST	KENNECTOR ST	24	153.01	AC	491	81	SATISFACTORY	Y	
HAM38394	BARRY LN	GLEN LYON AV	TERM E OF GLEN LYON AV	18	1263.15	AC	650	66	FAIR	Y	
HAM12112	BARRY LN	READING RD	GLEN LYON AV	28	437.43	AC	606	86	GOOD	Y	
HAM39145	BARTLE AV	TERM S OF E MARTIN LUTHER KING JR DR	E MARTIN LUTHER KING JR DR	18	205.43		-1	-1		N	BLOCKED BY GATE
HAM01880	BARTLETT ST	FAIRMOUNT AV	VINTON ST	14	360.61	AC	650	32	VERY POOR	Y	
HAM01986	BARTLETT ST	VINTON ST	TERM N OF VINTON ST	21	516.37	AC	650	51	POOR	Y	
HAM30721	BARTON DR	JOHN ST	CLAYERS LN	16	268.16	AC	650	59	FAIR	Y	
HAM35491	BARVAC AV	TERM E OF HOWARD AV	HOWARD AV	25	429.93	AC	403	92	GOOD	Y	
HAM53846	BASCHANG AL	BLANCA AL	THUBER AL	13	161.57		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM02359	BASSETT RD	CONSIDINE AV	PURCELL AV	36	335.14	AC	384	29	VERY POOR	Y	
HAM02355	BASSETT RD	CRESTLINE AV	WOODLAWN AV	27	221.80	AC	361	39	VERY POOR	Y	
HAM02356	BASSETT RD	ELBERON AV	CRESTLINE AV	28	216.75	AC	650	49	POOR	Y	
HAM55650	BASSETT RD	GRAND AV	HAWTHORNE AV	4	324.71		-1	-1		N	PEDESTRIAN PATHWAY
HAM02361	BASSETT RD	HAWTHORNE AV	CONSIDINE AV	36	328.62	AC	650	21	SERIOUS	Y	
HAM02373	BASSETT RD	PURCELL AV	ELBERON AV	36	416.48	AC	650	32	VERY POOR	Y	
HAM02354	BASSETT RD	WOODLAWN AV	FAIRBANKS AV	17	452.76	AC	650	92	GOOD	Y	
HAM27276	BATES AL	HENSHAW AV	COLERAIN AV	24	257.95	AC	650	80	SATISFACTORY	Y	
HAM38819	BATES AL	TERM E OF HENSHAW AV	HENSHAW AV	9	609.79		-1	-1		N	ALLEY / BOOTS ON THE GROUND

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM27268	BATES AV	COLERAIN AV	SPRING GROVE AV	30	882.63	AC	604	45	POOR	Y	
HAM27271	BATES AV	HENSHAW AV	COLERAIN AV	30	272.86	AC	650	87	GOOD	Y	
HAM27272	BATES AV	SIDNEY AV	HENSHAW AV	30	408.38	AC	376	83	SATISFACTORY	Y	
HAM27288	BATES AV	TERM E OF SIDNEY AV	SIDNEY AV	28	180.83	AC	650	76	SATISFACTORY	Y	
HAM08345	BAUER AV	BARD AL	JOHN ST	24	134.32	AC	650	46	POOR	Y	
HAM08350	BAUER AV	CENTRAL AV	KUHFERS AL	25	125.06	AC	650	38	VERY POOR	Y	
HAM08348	BAUER AV	KUHFERS AL	BARD AL	24	213.59	AC	326	46	POOR	Y	
HAM27725	BAUM ST	KILGOUR ST	VAN METER ST	24	1103.70	AC	543	74	SATISFACTORY	Y	ONE WAY
HAM08396	BAUMAN ST	EVE AL	FINDLAY ST	17	125.43	AC	650	75	SATISFACTORY	Y	
HAM08378	BAUMAN ST	LIVINGSTON ST	EVE AL	17	96.49	AC	650	94	GOOD	Y	
HAM36301	BAUMER ST	MAAG ST	TERM W OF MAAG ST	12	197.30	AC	650	66	FAIR	Y	
HAM36302	BAUMER ST	TERM E OF MAAG ST	MAAG ST	11	259.63	AC	650	65	FAIR	Y	
HAM09487	BAURICHTER ST	CARBON ST	FELIX ST	13	119.37	AC	650	34	VERY POOR	Y	
HAM09486	BAURICHTER ST	FELIX ST	HILLSIDE AV	11	148.09	AC	650	30	VERY POOR	Y	
HAM09479	BAURICHTER ST	FITHIAN ST	CARBON ST	16	240.67	AC	650	38	VERY POOR	Y	
HAM09478	BAURICHTER ST	MCWILLIAMS ST	FITHIAN ST	21	206.05	AC	650	70	FAIR	Y	
HAM05957	BAXTER AV	NORWICH AV	NORWICH LN	24	419.22	AC	258	77	SATISFACTORY	Y	
HAM05723	BAXTER AV	NORWICH LN	BONFIELD DR	24	308.24	AC	385	67	FAIR	Y	
HAM09320	BAYARD DR	ERIE AV	VICTORIA AV	21	2343.21	AC	638	49	POOR	Y	
HAM08221	BAYMILLER ST	ASHTON AL	FINDLAY ST	31	125.74	AC	650	45	POOR	Y	
HAM08179	BAYMILLER ST	BANK ST	WILMINK ST	25	108.83	AC	650	69	FAIR	Y	
HAM20034	BAYMILLER ST	CENTRAL AV		24	85.22	AC	650	71	SATISFACTORY	Y	
HAM08181	BAYMILLER ST	CHARLOTTE ST	YORK ST	27	185.72	AC	650	88	GOOD	Y	
HAM10379	BAYMILLER ST	CLEARWATER ST	CENTRAL AV	25	185.99	AC	650	55	POOR	Y	
HAM50222	BAYMILLER ST	DAYTON ST	HORACE ST	27	185.86	AC	409	47	POOR	Y	
HAM08182	BAYMILLER ST	FINDLAY ST	CHARLOTTE ST	27	204.31	AC	248	91	GOOD	Y	
HAM50223	BAYMILLER ST	HORACE ST	BANK ST	26	210.45	AC	650	45	POOR	Y	
HAM32161	BAYMILLER ST	KLOTTER AV	CONROY ST	4	122.36		-1	-1		N	BOOTS ON THE GROUND / STAIRCASE
HAM08222	BAYMILLER ST	LIVINGSTON ST	ASHTON AL	32	86.93	AC	398	46	POOR	Y	
HAM08180	BAYMILLER ST	NAEHER ST	DAYTON ST	27	184.21	AC	207	83	SATISFACTORY	Y	
HAM08223	BAYMILLER ST	POPLAR ST	LIVINGSTON ST	31	224.49	AC	650	36	VERY POOR	Y	
HAM19981	BAYMILLER ST	W MCMICKEN AV	KLOTTER AV	3	263.60		-1	-1		N	BOOTS ON THE GROUND / STAIRCASE
HAM08219	BAYMILLER ST	WILMINK ST	CLEARWATER ST	26	232.29	AC	346	81	SATISFACTORY	Y	
HAM08220	BAYMILLER ST	YORK ST	NAEHER ST	27	187.47	AC	467	84	SATISFACTORY	Y	
HAM05754	BAYOU ST	CALLAHAN ST	RIVERSIDE DR	17	182.70	AC	650	43	POOR	Y	
HAM31141	BEACON ST	AMBAR AV	SHORTS DR	36	237.30	AC	556	50	POOR	Y	
HAM06410	BEACON ST	BEACON RD	AMBAR AV	36	522.32	AC	510	56	FAIR	Y	
HAM06419	BEACON ST	BEACON RD	GLADE AV	36	295.24	AC	470	54	POOR	Y	
HAM14685	BEACON ST	CAMBRIDGE AV	HONEYSUCKLE LN	36	1233.51	AC	415	73	SATISFACTORY	Y	
HAM31142	BEACON ST	SHORTS DR	CAMBRIDGE AV	36	770.94	AC	422	52	POOR	Y	
HAM12228	BEACRAFT AV	BELLEWOOD AV	PARKVIEW AV	25	775.13	AC	366	80	SATISFACTORY	Y	
HAM38410	BEATRICE DR	TERM SW OF BURTON AV	BURTON AV	42	586.38	AC	650	53	POOR	Y	
HAM38950	BEAUMONT PL	TERM E OF CRESTLINE AV	CRESTLINE AV	15	751.17	AC	650	23	SERIOUS	Y	
HAM12186	BEAVER AV	LESTER RD	RIDGE AV	20	1235.72	AC	650	37	VERY POOR	Y	
HAM19490	BEAVERTON AV	ELMSHADE AV	PARKDALE AV	20	710.96	AC	436	56	FAIR	Y	
HAM36772	BEAVERTON AV	TERM W OF ELMSHADE AV	ELMSHADE AV	20	505.96	AC	583	47	POOR	Y	
HAM32045	BEDFORD AV	MADISON RD	TERM E OF MADISON RD	30	2046.92	AC	366	43	POOR	Y	
HAM37234	BEDFORD TER	TERM NW OF MADISON RD	MADISON RD	25	332.94	AC	650	33	VERY POOR	Y	
HAM27668	BEDINGER ST	BROADWAY	EGGLESTON AV	21	358.38	PCC	650	91	GOOD	Y	
HAM38491	BEECH AL	BROADWAY	TERM E OF BROADWAY	9	81.54	AC	650	80	SATISFACTORY	Y	
HAM32377	BEECH AV	DAVORAN ST	LATHAM AV	25	614.64	AC	438	90	GOOD	Y	
HAM02082	BEECH AV	EVERS ST	MAYFIELD AV	29	237.93	AC	542	94	GOOD	Y	
HAM02085	BEECH AV	GLENWAY AV	EVERS ST	29	480.25	AC	431	74	SATISFACTORY	Y	
HAM02115	BEECH AV	LATHAM AV	FOLSOM AV	20	606.72	AC	615	85	SATISFACTORY	Y	
HAM02080	BEECH AV	MAYFIELD AV	W LIBERTY ST	30	351.39	AC	650	91	GOOD	Y	
HAM01934	BEECH AV	ST LAWRENCE AV	VINCENT AV	34	697.96	AC	604	59	FAIR	Y	
HAM02542	BEECH AV	TERM S OF ST LAWRENCE AV	ST LAWRENCE AV	29	705.65	AC	390	94	GOOD	Y	
HAM02095	BEECH AV	VINCENT AV	GLENWAY AV	36	764.04	AC	549	40	VERY POOR	Y	
HAM11644	BEECH AV	VINE ST	BEECH ST	29	416.70	AC	636	73	SATISFACTORY	Y	
HAM02118	BEECH AV	W LIBERTY ST	DAVORAN ST	30	668.13	AC	542	91	GOOD	Y	
HAM07268	BEECH HILL AV	PULLAN AV	LANGLAND ST	30	886.64	AC	339	100	GOOD	Y	
HAM11623	BEECH ST	CINC|ELMWPL CORPLINE	W 64TH ST	30	97.60	AC	650	68	FAIR	Y	
HAM35859	BEECHAM LN	TERM S OF ASHWORTH DR	ASHWORTH DR	24	245.41	AC	650	85	SATISFACTORY	Y	
HAM38260	BEECHCREST PL	BEECHMONT AV	TERM E OF BEECHMONT AV	24	742.03	PCC	650	67	FAIR	Y	
HAM24153	BEECHER ST	MELROSE AV	GILBERT AV	34	632.61	AC	301	84	SATISFACTORY	Y	
HAM24152	BEECHER ST	STANTON AV	MELROSE AV	35	519.23	AC	385	63	FAIR	Y	
HAM14822	BEECHMAR DR	BEECHMONT AV	SUNVALLEY LN	25	590.35	AC	650	24	SERIOUS	Y	
HAM14831	BEECHMAR DR	SUNVALLEY LN	MEADOWMAR LN	25	820.82	AC	592	39	VERY POOR	Y	
HAM34429	BEECHMEADOW LN	CINC|DELHTP CORPLINE	HIGHVIEW DR	23	170.18	AC	470	57	FAIR	Y	
HAM13574	BEECHMEADOW LN	HIGHVIEW DR	WILLNET DR	24	815.08	AC	228	51	POOR	Y	
HAM03853	BEECHMEADOW LN	WILLNET DR	CINC|DELHTP CORPLINE	25	175.68	AC	650	39	VERY POOR	Y	
HAM19402	BEECHMONT AV	BEECHCREST PL	CAMPUS LN	48	401.30	PCC	344	88	GOOD	Y	
HAM50141	BEECHMONT AV	BEECHMAR DR	BEECHMONT AV	50	399.94	AC	144	67	FAIR	Y	
HAM62172	BEECHMONT AV	BEECHMONT AV TO WOOSTER RD RAMP	CINC|ANDETP CORPLINE	35	4530.09	AC	249	90	GOOD	Y	
HAM19412	BEECHMONT AV	BELLEMEADE CT	BRACHMAN AV	40	296.43	PCC	333	95	GOOD	Y	
HAM19408	BEECHMONT AV	BERKSHIRE LN	BURNEY LN	42	610.26	PCC	650	83	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM19422	BEECHMONT AV	BONNIE DR	BEECHMAR DR	62	351.49	AC	170	69	FAIR	Y	
HAM19415	BEECHMONT AV	BRACHMAN AV	BERKSHIRE LN	43	1004.43	PCC	447	84	SATISFACTORY	Y	
HAM19407	BEECHMONT AV	BURNEY LN	CINC|ANDETP CORPLINE	40	759.41	PCC	240	73	SATISFACTORY	Y	
HAM19404	BEECHMONT AV	CAMPUS LN	PLYMOUTH AV	51	357.25	AC	297	44	POOR	Y	
HAM62171	BEECHMONT AV	COLUMBIA TO CHURCH PL RAMP	BEECHMONT CIR TO BEECHMONT AV RAMP	25	1216.75	PCC	170	95	GOOD	Y	
HAM19420	BEECHMONT AV	CORBLY ST	PLAZA AV	56	517.89	AC	234	70	FAIR	Y	
HAM19416	BEECHMONT AV	CRESTVIEW PL	WASIGO DR	50	1075.80	AC	170	53	POOR	Y	
HAM19417	BEECHMONT AV	CRESTVIEW PL	CRESTVIEW PL	50	106.00	AC	177	78	SATISFACTORY	Y	
HAM62170	BEECHMONT AV	DELTAMONT LN	COLUMBIA TO CHURCH PL RAMP	34	447.82	AC	178	87	GOOD	Y	
HAM62175	BEECHMONT AV	DELTAMONT LN	COLUMBIA TO CHURCH PL RAMP	34	475.19	AC	167	87	GOOD	Y	
HAM25688	BEECHMONT AV	ELSTUN RD	REDFIELD PL	62	1124.44	AC	173	79	SATISFACTORY	Y	
HAM19414	BEECHMONT AV	HONEYSUCKLE LN	BELLEMEADE CT	41	679.38	PCC	313	89	GOOD	Y	
HAM19135	BEECHMONT AV	LINWOOD AV	GRAND BEECH LN	61	499.30	AC	198	88	GOOD	Y	
HAM62163	BEECHMONT AV	LINWOOD AV	GRAND BEECH LN	26	500.70	AC	165	86	GOOD	Y	
HAM19401	BEECHMONT AV	MEARS AV	BEECHCREST PL	43	178.70	PCC	428	77	SATISFACTORY	Y	
HAM19411	BEECHMONT AV	MEARS AV	WILARAY TER	42	862.44	PCC	316	88	GOOD	Y	
HAM61906	BEECHMONT AV	PHYLLIS LN	BEECHMONT AV TO WILMER AV RAMP	25	1084.90	PCC	219	95	GOOD	Y	
HAM19419	BEECHMONT AV	PLAZA AV	ROXBURY ST	50	277.88	AC	239	51	POOR	Y	
HAM19403	BEECHMONT AV	PLYMOUTH AV	TOM ROTH PL	50	184.15	AC	346	36	VERY POOR	Y	
HAM25689	BEECHMONT AV	RANCHVALE DR	BONNIE DR	62	1026.14	AC	131	68	FAIR	Y	
HAM19418	BEECHMONT AV	ROXBURY ST	CRESTVIEW PL	50	287.15	AC	198	65	FAIR	Y	
HAM19421	BEECHMONT AV	TOM ROTH PL	CORBLY ST	50	347.53	AC	573	41	POOR	Y	
HAM50140	BEECHMONT AV	WASIGO DR	BEECHMONT AV	50	261.77	AC	141	81	SATISFACTORY	Y	
HAM19413	BEECHMONT AV	WILARAY TER	HONEYSUCKLE LN	40	645.99	PCC	325	95	GOOD	Y	
HAM61993	BEECHMONT AV	WILMER AV TO BEECHMONT AV RAMP	CINC|ANDETP CORPLINE	35	4560.70	AC	134	85	SATISFACTORY	Y	
HAM61921	BEECHMONT AV TO WOOSTER RD RAMP	BEECHMONT AV	BEECHMONT AV TO WOOSTER RD RAMP	21	603.35	AC	258	68	FAIR	Y	
HAM61905	BEECHMONT CIR	BEECHMONT AV TO BEECHMONT CIR RAMP	WILMER CT	30	155.95	AC	505	86	GOOD	Y	
HAM14466	BEECHMONT CIR	BEECHMONT CT	BLOOR AV	38	499.74	AC	535	63	FAIR	Y	
HAM14456	BEECHMONT CIR	BLOOR AV	WOOSTER RD TO BEECHMONT CIR RAMP	25	275.62	AC	309	56	FAIR	Y	
HAM61931	BEECHMONT CIR	WILMER AV	WILMER CT	48	322.51	PCC	423	87	GOOD	Y	
HAM09182	BEECHMONT CIR	WILMER CT	BEECHMONT CT	37	716.70	AC	300	61	FAIR	Y	
HAM61915	BEECHMONT CIR TO BEECHMONT AV RAMP	BEECHMONT CIR	BEECHMONT AV	25	518.55	AC	405	55	POOR	Y	
HAM11422	BEECHMONT CT	BEECHMONT CIR	BLOOR AV	23	169.96	AC	650	36	VERY POOR	Y	
HAM38909	BEECHMONT CT	BLOOR AV	TERM SE OF BLOOR AV	23	203.96	AC	538	38	VERY POOR	Y	
HAM38924	BEECHMONT CT	EASTERN AV	TERM SE OF EASTERN AV	32	209.45	AC	650	51	POOR	Y	
HAM38929	BEECHMONT CT	TERM N OF BEECHMONT CIR	BEECHMONT CIR	24	246.72	AC	650	11	SERIOUS	Y	
HAM11547	BEECHVIEW CIR	ROGERS PARK PL	MONTGOMERY RD	20	848.33	AC	501	93	GOOD	Y	
HAM00103	BEECHWOOD AV	NORTH EDGEWOOD AV	WINTON RD	23	1004.68	AC	620	67	FAIR	Y	
HAM12113	BEECHWOOD AV	ROSE HILL AV	ROSE HILL LN	26	840.16	AC	221	85	SATISFACTORY	Y	
HAM11890	BEECHWOOD AV	ROSE HILL LN	ROSE HILL AV	27	988.50	AC	198	86	GOOD	Y	
HAM09594	BEEKMAN ST	BALTIMORE AV	CARLL ST	31	276.63	AC	650	50	POOR	Y	
HAM09595	BEEKMAN ST	CARLL ST	DENHAM ST	37	313.55	AC	557	43	POOR	Y	
HAM08169	BEEKMAN ST	DEMPSEY ST	BALTIMORE AV	40	647.18	AC	262	63	FAIR	Y	
HAM08049	BEEKMAN ST	DENHAM ST	PULTE ST	36	297.29	AC	466	66	FAIR	Y	
HAM21901	BEEKMAN ST	DREMAN AV	ELMORE ST	40	872.36	AC	338	58	FAIR	Y	
HAM21871	BEEKMAN ST	EMMA PL	WEBMAN CT	41	463.00	AC	307	30	VERY POOR	Y	
HAM09601	BEEKMAN ST	FAIRMOUNT AV	VINTON ST	40	484.80	AC	453	31	VERY POOR	Y	
HAM21873	BEEKMAN ST	FOX LN	LILLIE PL	41	88.79	AC	368	34	VERY POOR	Y	
HAM21879	BEEKMAN ST	FRICKE RD	MILLVALE CT	41	545.43	AC	371	30	VERY POOR	Y	
HAM21933	BEEKMAN ST	HOPPLE ST	YONKERS AV	47	741.75	AC	440	38	VERY POOR	Y	
HAM09599	BEEKMAN ST	KNOX ST	FAIRMOUNT AV	50	309.49	AC	517	32	VERY POOR	Y	
HAM21872	BEEKMAN ST	LILLIE PL	EMMA PL	41	240.42	AC	257	34	VERY POOR	Y	
HAM21874	BEEKMAN ST	MILLVALE CT	FOX LN	41	271.24	AC	341	28	VERY POOR	Y	
HAM21880	BEEKMAN ST	MOOSEWOOD AV	NEYER AV	40	617.55	AC	342	33	VERY POOR	Y	
HAM21881	BEEKMAN ST	NEYER AV	FRICKE RD	41	193.58	AC	423	36	VERY POOR	Y	
HAM08048	BEEKMAN ST	PULTE ST	SUTTER AV	53	293.41	AC	336	43	POOR	Y	
HAM08128	BEEKMAN ST	QUEEN CITY AV	TREMONT ST	41	268.74	AC	375	100	GOOD	Y	
HAM21918	BEEKMAN ST	SUTTER AV	HOPPLE ST	62	304.64	AC	650	43	POOR	Y	
HAM08127	BEEKMAN ST	TREMONT ST	WAVERLY AV	40	240.74	AC	493	32	VERY POOR	Y	
HAM25529	BEEKMAN ST	VINTON ST	DEMPSEY ST	40	544.99	AC	218	50	POOR	Y	
HAM50486	BEEKMAN ST	WAVERLY AV	KNOX ST	41	351.93	AC	650	37	VERY POOR	Y	
HAM21896	BEEKMAN ST	WEBMAN CT	DREMAN AV	42	830.45	AC	419	30	VERY POOR	Y	
HAM21938	BEEKMAN ST	YONKERS AV	MOOSEWOOD AV	37	1924.63	AC	419	44	POOR	Y	
HAM05702	BELDARE AV	TOWER ST	WEST ST	31	595.90	AC	499	47	POOR	Y	
HAM16745	BELDARE AV	VINE ST	TOWER ST	30	416.86	AC	650	49	POOR	Y	
HAM09488	BELDEN CIR	TERM S OF WERK RD	WERK RD	25	702.64	AC	631	60	FAIR	Y	
HAM05791	BELL PL	E MCMILLAN ST	WILLIAM H TAFT RD	29	694.72	AC	650	49	POOR	Y	
HAM39429	BELLA VISTA PL	TERM W OF SINTON AV	SINTON AV	24	164.76	AC	650	69	FAIR	Y	
HAM39700	BELLA VISTA ST	READING RD	TERM E OF READING RD	20	627.16	AC	559	41	POOR	Y	
HAM00897	BELLEAIR PL	LAURELWOOD CIR	W NORTH BEND RD	36	528.05	AC	338	52	POOR	Y	
HAM37398	BELLEAIR PL	TERM S OF LAURELWOOD CIR	LAURELWOOD CIR	18	112.23	AC	650	59	FAIR	Y	
HAM08803	BELLECREST AV	AULT PARK AV	SAYBROOK AV	26	810.63	AC	650	93	GOOD	Y	
HAM08795	BELLECREST AV	PAPE AV	AULT PARK AV	29	199.15	AC	650	73	SATISFACTORY	Y	
HAM36973	BELLEMEADE CT	TERM SW OF BEECHMONT AV	BEECHMONT AV	26	203.03	PCC	650	53	POOR	Y	
HAM07995	BELLEVUE AV	DONAHUE ST	E ROCHELLE ST	36	206.71	AC	307	74	SATISFACTORY	Y	
HAM17711	BELLEVUE AV	E MARTIN LUTHER KING JR DR	MARIE BROWN AV	36	234.78	AC	650	88	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM07989	BELLEVUE AV	E ROCHELLE ST	STETSON ST	35	272.35	AC	562	28	VERY POOR	Y	
HAM07998	BELLEVUE AV	E UNIVERSITY AV	DONAHUE ST	36	253.95	AC	650	59	FAIR	Y	
HAM34681	BELLEVUE AV	FOSDICK ST	E UNIVERSITY AV	35	269.70	AC	650	36	VERY POOR	Y	
HAM07978	BELLEVUE AV	OAK ST	FOSDICK ST	38	262.13	AC	367	57	FAIR	Y	
HAM07915	BELLEVUE AV	WILLIAM H TAFT RD	OAK ST	37	1050.23	AC	359	63	FAIR	Y	
HAM12233	BELLEWOOD AV	BEACRAFT AV	RIDGE AV	25	859.28	AC	650	68	FAIR	Y	
HAM12232	BELLEWOOD AV	LESTER RD	BEACRAFT AV	25	277.75	AC	650	71	SATISFACTORY	Y	
HAM16883	BELLMEADOWS DR	BLUEBELL DR	SIMBURY CT	24	616.70	AC	467	81	SATISFACTORY	Y	
HAM37819	BELLTONE AV	TERM SE OF MILLRICH AV	MILLRICH AV	24	420.79	AC	562	78	SATISFACTORY	Y	
HAM16886	BELMONT AV	BLUESPRUCE LN	MONTICELLO AV	26	818.34	AC	187	59	FAIR	Y	
HAM03297	BELMONT AV	CEDAR AV	OAKWOOD AV	33	466.12	AC	290	31	VERY POOR	Y	
HAM16879	BELMONT AV	GLENVIEW AV	WAYMONT LN	26	626.86	AC	217	67	FAIR	Y	
HAM01969	BELMONT AV	HAMILTON AV	PASADENA AV	33	630.85	AC	520	49	POOR	Y	
HAM02288	BELMONT AV	LARCH AV	LLANFAIR AV	33	1209.86	AC	197	39	VERY POOR	Y	
HAM02290	BELMONT AV	LLANFAIR AV	CEDAR AV	34	416.55	AC	278	34	VERY POOR	Y	
HAM62712	BELMONT AV	MONTICELLO AV	W NORTH BEND RD TO BELMONT AV RAMP	35	261.70	AC	556	45	POOR	Y	
HAM00435	BELMONT AV	OAKWOOD AV	GLENVIEW AV	33	274.52	AC	247	53	POOR	Y	
HAM02260	BELMONT AV	PASADENA AV	LARCH AV	33	1259.88	AC	235	35	VERY POOR	Y	
HAM16878	BELMONT AV	WAYMONT LN	BLUESPRUCE LN	26	223.54	AC	266	69	FAIR	Y	
HAM32171	BELOIT AL	ANDRESS AL	PATTERSON ST	10	111.89		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM27442	BELOIT AL	BRIGHT AL	COLERAIN AV	7	114.24		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM27441	BELOIT AL	COLERAIN AV	ANDRESS AL	9	123.49		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM20044	BELOIT AL	FREEMAN AV	KIMPEL AL	8	133.02		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM20043	BELOIT AL	KIMPEL AL	KINDEL AV	9	117.02		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM08645	BELVEDERE ST	PAVILION ST	HATCH ST	25	590.08	AC	650	34	VERY POOR	Y	ONE WAY
HAM38883	BELVOIR LN	LIMBERLOST LN	TERM N OF LIMBERLOST LN	24	446.35	AC	488	56	FAIR	Y	
HAM38881	BELVOIR LN	TERM S OF LIMBERLOST LN	LIMBERLOST LN	23	428.24	AC	650	63	FAIR	Y	
HAM27622	BENHAM AL	RACE ST	ELM ST	11	461.70		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM18002	BENNEVILLE ST	CORALBERRY CT	LEHIGH AV	17	148.35	AC	211	61	FAIR	Y	
HAM17995	BENNEVILLE ST	LEHIGH AV	ROCKLAND AV	17	328.85	AC	252	80	SATISFACTORY	Y	
HAM14303	BENNEVILLE ST	MEARS AV	TERM E OF MEARS AV	14	548.97	AC	650	35	VERY POOR	Y	
HAM14287	BENNEVILLE ST	ROCKLAND AV	MEARS AV	18	302.20	AC	650	87	GOOD	Y	
HAM18001	BENNEVILLE ST	SUTTON AV	CORALBERRY CT	17	292.53	AC	447	86	GOOD	Y	
HAM30754	BENT DR	PINECONE LN	JONES ST	14	251.30	AC	650	77	SATISFACTORY	Y	
HAM08460	BENTON ST	HAMER ST	E MCMICKEN AV	8	165.90		-1	-1		N	BLOCKED BY GATE
HAM08477	BENTON ST	VINE ST	HAMER ST	17	165.67	AC	650	63	FAIR	Y	
HAM35401	BENVUE ST	TERM SE OF CIST ST	CIST ST	10	204.25		-1	-1		N	BLOCKED BY BARRICADE
HAM13508	BENZ AV	RAPID RUN RD	ZULA AV	25	1023.47	AC	508	83	SATISFACTORY	Y	
HAM38880	BENZ AV	ZULA AV	TERM N OF ZULA AV	24	157.23	AC	650	81	SATISFACTORY	Y	
HAM35483	BERCLIFF AV	DANE AV	TERM W OF DANE AV	26	506.00	AC	650	40	VERY POOR	Y	
HAM00314	BEREA ST	HILLSIDE AV	OTTAWA ST	16	166.13	AC	650	91	GOOD	Y	
HAM11545	BEREDITH PL	DELPHOS AV	KINCAID RD	23	549.15	AC	650	63	FAIR	Y	
HAM11535	BEREDITH PL	KINCAID RD	PARRY LN	24	378.12	AC	650	49	POOR	Y	
HAM11577	BEREDITH PL	RIDGE AV	DELPHOS AV	22	593.20	AC	650	57	FAIR	Y	
HAM39608	BERESFORD AV	BRAXTON CAMPBELL CT	TERM N OF BRAXTON CAMPBELL CT	37	65.17	AC	650	75	SATISFACTORY	Y	
HAM26342	BERESFORD AV	GAFF AV	BRAXTON CAMPBELL CT	37	325.06	AC	507	45	POOR	Y	
HAM26341	BERESFORD AV	MATHERS ST	GAFF AV	36	193.94	AC	603	65	FAIR	Y	
HAM26329	BERESFORD AV	TERM S OF MATHERS ST	MATHERS ST	37	288.32	AC	650	75	SATISFACTORY	Y	
HAM19610	BERKLEY AV	HERMIT AV	WAYNE AV	25	802.98	AC	346	68	FAIR	Y	
HAM23905	BERKLEY AV	PHANTOM AV	HERMIT AV	25	769.46	AC	397	55	POOR	Y	
HAM23901	BERKLEY AV	READING RD	PHANTOM AV	23	837.49	AC	418	55	POOR	Y	
HAM14714	BERKSHIRE CLUB DR	ANDETP|CINC CORPLINE	SPINDLEWICK LN	28	239.77	AC	524	66	FAIR	Y	
HAM34060	BERKSHIRE CLUB DR	CONLAN CT	LYCEUM CT	28	243.63	AC	300	75	SATISFACTORY	Y	
HAM34061	BERKSHIRE CLUB DR	LYCEUM CT	LYCEUM CT	28	272.42	AC	405	71	SATISFACTORY	Y	
HAM14698	BERKSHIRE CLUB DR	SPINDLEWICK LN	CONLAN CT	28	115.44	AC	415	72	SATISFACTORY	Y	
HAM14718	BERKSHIRE LN	ANDETP|CINC CORPLINE	BERKSHIRE RD	20	108.71	AC	650	71	SATISFACTORY	Y	
HAM14724	BERKSHIRE LN	BEECHMONT AV	ANDETP|CINC CORPLINE	24	994.96	AC	325	84	SATISFACTORY	Y	
HAM28023	BERNING PL	E 3RD ST	E 4TH ST	9	464.14		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM06463	BERRY AV	OBSERVATORY AV	ERIE AV	35	904.67	AC	650	62	FAIR	Y	
HAM22744	BERTE ST	ELDORADO AV	WAITS AV	18	535.07	AC	650	95	GOOD	Y	
HAM06205	BERTE ST	KENWOOD AV	ROHDE AV	15	433.28	AC	394	93	GOOD	Y	
HAM06204	BERTE ST	RENSLAR AV	KENWOOD AV	16	428.50	AC	382	94	GOOD	Y	
HAM06206	BERTE ST	ROHDE AV	ELDORADO AV	14	548.01	AC	368	95	GOOD	Y	
HAM06678	BERWICK AV	BRITTON AV	MERWIN AV	25	267.41	AC	420	61	FAIR	Y	
HAM06680	BERWICK AV	CINC|COLUTP CORPLINE	PALMETTO ST	27	148.59	AC	536	72	SATISFACTORY	Y	
HAM06679	BERWICK AV	MERWIN AV	CINC|COLUTP CORPLINE	23	147.46	AC	496	63	FAIR	Y	
HAM06669	BERWICK AV	PALMETTO ST	BRITTON AV	27	298.04	AC	489	43	POOR	Y	
HAM40537	BERWYN PL	BALLARD AV	BERWYN PL	25	715.06	AC	572	39	VERY POOR	Y	
HAM36127	BETH LN	HEIS TER	TERM NW OF HEIS TER	24	536.85	AC	488	91	GOOD	Y	
HAM00175	BETTMAN DR	STRAND LN	DUTCH COLONY DR	26	634.87	AC	475	44	POOR	Y	
HAM38119	BETTMAN DR	TERM SE OF STRAND LN	STRAND LN	27	321.83	AC	573	45	POOR	Y	
HAM30876	BETTON ST	CLAYERS LN	EAST LAUREL PARK DR	26	123.00	AC	650	82	SATISFACTORY	Y	ONE WAY
HAM30875	BETTON ST	JOHN ST	CLAYERS LN	25	364.90	AC	650	91	GOOD	Y	ONE WAY
HAM30737	BETTON ST	JONES ST	LINN ST	26	154.88	AC	507	82	SATISFACTORY	Y	ONE WAY
HAM30880	BETTON ST	PINECONE LN	JONES ST	26	251.30	AC	216	88	GOOD	Y	ONE WAY
HAM30879	BETTON ST	WEST LAUREL PARK DR	PINECONE LN	26	123.01	AC	532	99	GOOD	Y	ONE WAY

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HAM11901	BETULA AV	ROSE HILL AV	ROSE HILL AV	25	939.97	AC	515	83	SATISFACTORY	Y	
HAM09521	BEVERLY HILL DR	LE BLOND AV	SALISBURY DR	19	1053.49	AC	187	68	FAIR	Y	
HAM09188	BEVERLY HILL DR	LINWOOD AV	LE BLOND AV	20	607.33	AC	650	47	POOR	Y	
HAM09519	BEVERLY HILL DR	SALISBURY DR	HERSCHEL AV	19	325.07	AC	650	75	SATISFACTORY	Y	
HAM32056	BEVIS AV	CLARION AV	DANA AV	30	597.95	AC	574	48	POOR	Y	
HAM12291	BEVIS AV	CRANE AV	DUCK CREEK RD	31	480.59	AC	650	63	FAIR	Y	
HAM37340	BEVIS AV	DUCK CREEK RD	TERM N OF DUCK CREEK RD	30	318.66	AC	650	49	POOR	Y	
HAM07767	BEVIS AV	HEWITT AV	CRANE AV	30	1232.26	AC	402	46	POOR	Y	
HAM37343	BEVIS AV	TERM S OF CLARION AV	CLARION AV	29	419.25	AC	650	46	POOR	Y	
HAM02928	BICKEL AV	KNORR AV	HANSFORD PL	20	303.55	AC	650	43	POOR	Y	
HAM02929	BICKEL AV	MANDERY AV	KNORR AV	21	270.17	AC	650	70	FAIR	Y	
HAM39377	BICKEL AV	TERM E OF MANDERY AV	MANDERY AV	20	264.63	AC	650	88	GOOD	Y	
HAM05798	BIDDLE ST	CRESTMONT LN	INTERWOOD AV	21	375.96	AC	445	88	GOOD	Y	
HAM05800	BIDDLE ST	GLENMARY AV	CRESTMONT LN	16	284.55	AC	650	58	FAIR	Y	
HAM11816	BIEGLER ST	HARRISON AV	SPERBER ST	17	457.15	AC	650	70	FAIR	Y	ONE WAY
HAM03052	BIEGLER ST	SPERBER ST	WHITE ST	17	188.70	AC	650	55	POOR	Y	ONE WAY
HAM38093	BIG CHIEF DR	TERM W OF RED BANK RD	RED BANK RD	16	472.22	AC	627	24	SERIOUS	Y	
HAM38841	BIGBEN LN	SPENCERHILL LN	TERM S OF SPENCERHILL LN	25	291.75	AC	650	73	SATISFACTORY	Y	
HAM20357	BIGELOW ST	PARK PL	DORCHESTER AV	31	288.80	AC	650	36	VERY POOR	Y	
HAM20353	BIGELOW ST	TERM S OF CARMALT ST	PARK PL	30	451.04	AC	650	77	SATISFACTORY	Y	UNCOLLECTED PORTION BLOCKED BY CONSTRUCTION
HAM37818	BIGHORN CT	MUSTANG DR	TERM NW OF MUSTANG DR	23	325.00	AC	650	41	POOR	Y	
HAM37817	BIGHORN CT	TERM SE OF MUSTANG DR	MUSTANG DR	24	506.69	AC	441	67	FAIR	Y	
HAM36094	BIRCHKNOLL CT	TERM NW OF EAGLESRIDGE LN	EAGLESRIDGE LN	18	90.59	AC	650	93	GOOD	Y	
HAM10936	BIRCHWOOD AV	HAMILTON AV	CARY AV	24	553.93	AC	589	53	POOR	Y	
HAM16762	BISHOP ST	CROPPER AL	WENTWORTH AV	29	725.63	AC	210	78	SATISFACTORY	Y	
HAM34719	BISHOP ST	HOSEA AV	GLENMARY AV	24	665.08	AC	650	83	SATISFACTORY	Y	
HAM16766	BISHOP ST	JEFFERSON AV	CROPPER AL	30	208.81	AC	643	69	FAIR	Y	
HAM05845	BISHOP ST	LAKEWOOD AV	NIXON ST	30	409.41	AC	235	91	GOOD	Y	
HAM33142	BISHOP ST	NIXON ST	JEFFERSON AV	23	931.83	AC	462	87	GOOD	Y	
HAM14846	BISHOP ST	W MARTIN LUTHER KING JR DR	LAKEWOOD AV	28	487.80	AC	650	87	GOOD	Y	
HAM16753	BISHOP ST	WENTWORTH AV	HOSEA AV	28	368.04	AC	165	90	GOOD	Y	
HAM01315	BITTEROOT LN	OAK KNOLL DR	BRUSHWOOD AV	25	979.62	AC	441	42	POOR	Y	
HAM36767	BLACKSTONE PL	BROOKCREST DR	TERM E OF BROOKCREST DR	24	704.75	AC	453	83	SATISFACTORY	Y	
HAM38220	BLAESI ST	EAST LEDGE ST	TERM N OF EAST LEDGE ST	24	367.05	AC	650	48	POOR	Y	
HAM13209	BLAESI ST	MADISON RD	EAST LEDGE ST	24	330.49	AC	650	83	SATISFACTORY	Y	
HAM02192	BLAINE RD	KNOX ST	FAIRMOUNT AV	18	330.17	AC	650	28	VERY POOR	Y	
HAM08153	BLAINE RD	WAVERLY AV	KNOX ST	23	501.41	AC	590	94	GOOD	Y	
HAM26424	BLAIR AV	ALGONA PL	MONTGOMERY RD	37	295.03	AC	580	55	POOR	Y	
HAM26266	BLAIR AV	BLAIR CT	MATHERS ST	45	1382.03	PCC	163	95	GOOD	Y	
HAM26258	BLAIR AV	DREXEL PL	BLAIR CT TO BLAIR AV RAMP	36	345.19	AC	207	60	FAIR	Y	
HAM26422	BLAIR AV	FERNSIDE PL	WOODBURN AV	36	389.49	AC	387	61	FAIR	Y	
HAM26244	BLAIR AV	MATHERS ST	GILBERT AV TO BLAIR AV RAMP	45	356.98	AC	467	87	GOOD	Y	
HAM26234	BLAIR AV	PERKINS AV	DREXEL PL	36	349.68	AC	305	50	POOR	Y	
HAM26322	BLAIR AV	PLEASANT VIEW AV	FERNSIDE PL	36	367.62	AC	346	57	FAIR	Y	
HAM26233	BLAIR AV	READING RD	PERKINS AV	35	572.69	AC	224	74	SATISFACTORY	Y	
HAM39598	BLAIR AV	TERM W OF PLEASANT VIEW AV	PLEASANT VIEW AV	36	185.38	AC	650	50	POOR	Y	
HAM39613	BLAIR AV	TERM W OF READING RD	READING RD	29	988.39	AC	650	38	VERY POOR	Y	
HAM32083	BLAIR AV	WOODBURN AV	ALGONA PL	37	230.04	AC	514	49	POOR	Y	
HAM26309	BLAIR CT	BLAIR CT TO BLAIR AV RAMP	RIDGEWAY AV	35	191.72	AC	451	58	FAIR	Y	
HAM26310	BLAIR CT	RIDGEWAY AV	TERM E OF RIDGEWAY AV	25	482.63	AC	650	38	VERY POOR	Y	UNCOLLECTED PORTION BLOCKED BY GATE
HAM08981	BLANCA AL	BASCHANG AL	ODEON ST	6	130.43	PCC	650	96	GOOD	Y	
HAM30649	BLANCA AL	W 15TH ST	BASCHANG AL	7	120.59	PCC	650	89	GOOD	Y	
HAM33795	BLANCHARD AV	GLENWAY AV	TERM N OF GLENWAY AV	31	524.59	AC	462	78	SATISFACTORY	Y	
HAM20237	BLAND AL	GOETZ AL	HANOVER ST	11	102.82		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM06633	BLANEY AV	BRAMBLE AV	PALMETTO ST	21	272.17	AC	650	82	SATISFACTORY	Y	
HAM06631	BLANEY AV	BRITTON AV	MERWIN AV	20	270.44	AC	332	91	GOOD	Y	
HAM06759	BLANEY AV	CINC|COLUTP CORPLINE	HALEY AV	26	123.80	AC	492	91	GOOD	Y	
HAM54260	BLANEY AV	CINC|COLUTP CORPLINE	BRAMBLE AV	19	178.91	AC	616	65	FAIR	Y	
HAM54259	BLANEY AV	HALEY AV	CINC|COLUTP CORPLINE	24	124.67	AC	263	90	GOOD	Y	
HAM06629	BLANEY AV	MERWIN AV	WINDWARD ST	17	319.29	AC	650	92	GOOD	Y	
HAM06635	BLANEY AV	PALMETTO ST	BRITTON AV	20	261.97	AC	329	91	GOOD	Y	
HAM13153	BLANEY AV	WINDWARD ST	ROE ST	17	304.83	AC	650	85	SATISFACTORY	Y	
HAM21927	BLEECKER LN	KNOB CT	SUTTER AV	36	690.59	AC	347	79	SATISFACTORY	Y	
HAM21928	BLEECKER LN	KNOB CT	KNOB CT	37	444.63	AC	426	84	SATISFACTORY	Y	
HAM38442	BLESS AV	TERM S OF STRENG ST	STRENG ST	20	112.69	AC	650	35	VERY POOR	Y	
HAM08074	BLOOM ST	WAVERLY AV	KNOX ST	28	364.15	AC	650	44	POOR	Y	
HAM14626	BLOOMINGDALE AV	CAMBRIDGE AV	LOCKARD AV	14	354.57	AC	501	32	VERY POOR	Y	
HAM14627	BLOOMINGDALE AV	LOCKARD AV	TERM N OF LOCKARD AV	12	506.44	AC	601	27	VERY POOR	Y	
HAM36420	BLOOMINGDALE AV	TERM S OF CAMBRIDGE AV	CAMBRIDGE AV	13	1087.71	AC	591	31	VERY POOR	Y	UNCOLLECTED PORTION PRIVATE DRIVEWAY
HAM14467	BLOOR AV	BEECHMONT CT	BEECHMONT CIR	18	395.23	AC	539	28	VERY POOR	Y	
HAM37668	BLUE HAVEN TER	TIMBERCREST DR	TERM N OF TIMBERCREST DR	27	960.44	AC	381	71	SATISFACTORY	Y	
HAM17722	BLUE ROCK AL	CEDAR AL	FAIRPARK AV	15	185.67	AC	650	71	SATISFACTORY	Y	
HAM07644	BLUE ROCK AL	FAIRPARK AV	VAN KIRK AV	15	449.47	AC	650	90	GOOD	Y	
HAM07645	BLUE ROCK AL	VAN KIRK AV	BOAKE AL	13	332.58	AC	650	68	FAIR	Y	
HAM07432	BLUE ROCK ST	APPLE ST	TURRILL ST	39	243.13	AC	234	90	GOOD	Y	
HAM07430	BLUE ROCK ST	CHERRY ST	DELANEY ST	39	274.52	AC	95	91	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM07429	BLUE ROCK ST	DELANEY ST	JO WILLIAMS ST	40	277.26	AC	96	93	GOOD	Y	
HAM07319	BLUE ROCK ST	FERGUS ST	HAMILTON AV	25	660.77	AC	283	90	GOOD	Y	
HAM07318	BLUE ROCK ST	HAMILTON AV	APPLE ST	38	439.76	AC	220	93	GOOD	Y	
HAM07426	BLUE ROCK ST	MARBLE ST	WITLER ST	39	271.60	AC	309	88	GOOD	Y	
HAM07431	BLUE ROCK ST	TURRILL ST	CHERRY ST	69	240.59	AC	106	89	GOOD	Y	
HAM07365	BLUE ROCK ST	WITLER ST	COLERAIN AV	41	159.23	AC	207	91	GOOD	Y	
HAM02285	BLUEBELL DR	BELLMEADOWS DR	MONTICELLO AV	24	333.92	AC	163	81	SATISFACTORY	Y	
HAM02277	BLUEBELL DR	BLUESPRUCE LN	MCCRAY CT	25	233.14	AC	258	83	SATISFACTORY	Y	
HAM02286	BLUEBELL DR	MCCRAY CT	BELLMEADOWS DR	23	522.05	AC	204	76	SATISFACTORY	Y	
HAM02284	BLUEBELL DR	MONTICELLO AV	THORNHILL AV	25	328.14	AC	423	78	SATISFACTORY	Y	
HAM37484	BLUEBELL DR	TERM E OF BLUESPRUCE LN	BLUESPRUCE LN	25	472.87	AC	364	88	GOOD	Y	
HAM36777	BLUEBIRD LN	TERM SE OF KIRBY AV	KIRBY AV	25	496.01	AC	650	38	VERY POOR	Y	
HAM37855	BLUEFIELD PL	BROOKCREST DR	TERM E OF BROOKCREST DR	25	668.94	AC	344	65	FAIR	Y	
HAM02276	BLUESPRUCE LN	BLUEBELL DR	PARKHURST CT	25	270.73	AC	497	42	POOR	Y	
HAM16884	BLUESPRUCE LN	PARKHURST CT	BELMONT AV	25	646.87	AC	650	52	POOR	Y	
HAM37486	BLUESPRUCE LN	TERM S OF BLUEBELL DR	BLUEBELL DR	25	247.96	AC	650	65	FAIR	Y	
HAM07408	BLUM AL	TURRILL ST	CHERRY ST	12	245.09	AC	650	45	POOR	Y	
HAM07620	BOAKE AL	BLUE ROCK AL	W 70TH ST	13	172.88	AC	650	89	GOOD	Y	
HAM07624	BOAKE AL	UNNAMED AL	W 69TH ST	16	176.95	AC	650	89	GOOD	Y	
HAM07626	BOAKE AL	W 68TH ST	UNNAMED AL	14	173.17	AC	650	93	GOOD	Y	
HAM07622	BOAKE AL	W 69TH ST	BLUE ROCK AL	14	175.52	AC	650	88	GOOD	Y	
HAM07619	BOAKE AL	W 70TH ST	W SEYMOUR AV	13	320.78	AC	650	93	GOOD	Y	
HAM27862	BOAL ST	ELIJAH AL	HIGHLAND AV	23	105.52	AC	650	43	POOR	Y	
HAM20116	BOAL ST	SYCAMORE ST	VON SEGGERN AL	23	135.78	AC	650	42	POOR	Y	
HAM27861	BOAL ST	YOUNG ST	ELIJAH AL	22	649.89	AC	484	40	VERY POOR	Y	ONE WAY
HAM29567	BOBOLINK DR	BRUSHWOOD AV	W GALBRAITH RD	24	833.20	AC	455	51	POOR	Y	
HAM10965	BOBOLINK DR	OAK KNOLL DR	BRUSHWOOD AV	24	1010.84	AC	459	49	POOR	Y	
HAM40565	BOBOLINK DR	W GALBRAITH RD	TERM N OF	30	260.25	AC	429	37	VERY POOR	Y	
HAM01679	BODLEY AV	MT HOPE AV	WILSONIA DR	23	585.85	AC	650	52	POOR	Y	
HAM02048	BODLEY AV	WILSONIA DR	GRAND AV	23	295.86	AC	351	33	VERY POOR	Y	
HAM08647	BODMAN AL	E 6TH ST	GANO ST	7	246.02		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM26100	BODMANN AV	ESTELLE ST	YOUNG ST	31	740.32	AC	616	39	VERY POOR	Y	
HAM26093	BODMANN AV	YOUNG ST	ALVIN ST	30	370.66	AC	650	40	VERY POOR	Y	
HAM05731	BOGART AV	TERM S OF GLENWOOD AV	GLENWOOD AV	30	517.53	AC	637	72	SATISFACTORY	Y	
HAM27843	BOLIVAR AL	PENDLETON ST	READING RD	9	798.89	BR	650	-1		Y	UNCOLLECTED PORTION TOO NARROW FOR VAN ACCESS / OVERGROWTH
HAM38690	BOLTWOOD CT	TERM E OF SUTTER AV	SUTTER AV	25	880.44		-1	-1		N	BLOCKED BY GATE
HAM12069	BONA VISTA PL	LOSANTIVILLE AV	CORTELYOU PL	24	936.26	AC	325	76	SATISFACTORY	Y	
HAM07765	BONAPARTE AV	HEWITT AV	HURON AV	36	603.62	AC	366	73	SATISFACTORY	Y	
HAM37938	BOND PL	TERM S OF WILLIAM H TAFT RD	WILLIAM H TAFT RD	15	279.95	AC	650	42	POOR	Y	
HAM05727	BONFIELD DR	BAXTER AV	NORWICH LN	24	923.62	AC	323	68	FAIR	Y	
HAM25681	BONNIE DR	BEECHMONT AV	MENDOVA LN	25	614.53	AC	485	59	FAIR	Y	
HAM28239	BONNIE DR	MENDOVA LN	WAYWARD WINDS DR	25	1471.07	AC	232	94	GOOD	Y	
HAM37933	BONNIE DR	WAYWARD WINDS DR	TERM W OF WAYWARD WINDS DR	25	130.07	AC	650	93	GOOD	Y	
HAM38365	BONNIEVIEW LN	TERM NW OF DUNKIRK ST	DUNKIRK ST	24	146.21	AC	650	74	SATISFACTORY	Y	
HAM24209	BOONE ST	BURBANK ST	MORGAN ST	29	275.53	AC	447	40	VERY POOR	Y	
HAM27907	BOONE ST	FLORENCE AV	MANITOU ST	24	330.06	AC	650	24	SERIOUS	Y	
HAM27935	BOONE ST	LINDSAY AL	E MCMILLAN ST	31	144.44	AC	650	47	POOR	Y	
HAM24237	BOONE ST	MCGREGOR AV	WILKINSON ST	30	277.81	AC	650	33	VERY POOR	Y	
HAM26138	BOONE ST	MONROE ST	MCGREGOR AV	30	275.15	AC	650	63	FAIR	Y	
HAM24203	BOONE ST	MORGAN ST	WAYNE ST	30	273.67	AC	272	35	VERY POOR	Y	
HAM27937	BOONE ST	WAYNE ST	LINDSAY AL	30	137.39	AC	650	56	FAIR	Y	
HAM24206	BOONE ST	WILKINSON ST	BURBANK ST	30	271.62	AC	500	37	VERY POOR	Y	
HAM09000	BOOTS AL	E 13TH ST	HART AL	8	141.49		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM21700	BOOTS AL	MERCER ST	E 14TH ST	7	231.82		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM21900	BORDEN ST	AGNES ST	WEBER ST	28	270.52	AC	145	95	GOOD	Y	
HAM21906	BORDEN ST	DREMAN AV	AGNES ST	27	298.90	AC	234	94	GOOD	Y	
HAM21904	BORDEN ST	ELMORE ST	TOWNSEND ST	27	300.16	AC	650	95	GOOD	Y	
HAM07439	BORDEN ST	KING PL	HOFFNER ST	31	700.79	AC	345	66	FAIR	Y	
HAM38541	BORDEN ST	TERM S OF DREMAN AV	DREMAN AV	31	478.15	AC	429	91	GOOD	Y	
HAM21897	BORDEN ST	TOWNSEND ST	POWERS CT	28	183.31	AC	228	94	GOOD	Y	
HAM21899	BORDEN ST	WEBER ST	ELMORE ST	27	301.62	AC	444	95	GOOD	Y	
HAM39147	BORRMAN AV	VAN BUREN AV	UNION ST	23	611.43	AC	271	74	SATISFACTORY	Y	
HAM20283	BOSLER AL	WINKLER ST	GAGE ST	11	251.11	BR	650	-1		Y	
HAM19864	BOSLEY ST	MOERLEIN AV	CLIFTON AV	30	513.95	AC	650	88	GOOD	Y	
HAM11948	BOSWORTH PL	CINC|NOR CORPLINE	LYSLE LN	24	646.54	AC	203	84	SATISFACTORY	Y	
HAM11947	BOSWORTH PL	MONTGOMERY RD	CINC|NOR CORPLINE	26	415.71	AC	650	53	POOR	Y	
HAM36123	BOUCHAINE WY	ARCHER AV	TERM E OF ARCHER AV	19	375.39	AC	650	83	SATISFACTORY	Y	
HAM15894	BOUDINOT AV	AUGUSTA AV	LUCAS RD	40	267.11	AC	126	65	FAIR	Y	
HAM15442	BOUDINOT AV	DAYTONA AV	PENROSE PL	44	353.13	AC	234	78	SATISFACTORY	Y	
HAM15870	BOUDINOT AV	FELTZ AV	HULL AV	36	305.59	AC	215	57	FAIR	Y	
HAM50720	BOUDINOT AV	GLENHILLS WY	HEGRY CIR	46	633.93	AC	325	74	SATISFACTORY	Y	
HAM32385	BOUDINOT AV	GLENWAY AV	GLENHILLS WY	54	375.38	AC	650	88	GOOD	Y	
HAM03261	BOUDINOT AV	HEGRY CIR	VEAZEY AV	45	497.79	AC	183	58	FAIR	Y	
HAM15865	BOUDINOT AV	HULL AV	WARDALL AV	36	435.56	AC	181	58	FAIR	Y	
HAM03094	BOUDINOT AV	IDEAL TER	WESTBROOK DR	44	433.87	AC	178	80	SATISFACTORY	Y	
HAM15668	BOUDINOT AV	LISCHER AV	DAYTONA AV	45	601.98	AC	149	85	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM54382	BOUDINOT AV	LUCAS RD	CINC|GREETP CORPLINE	40	315.34	AC	650	72	SATISFACTORY	Y	
HAM15462	BOUDINOT AV	MONTANA AV	URWILER AV	44	723.53	AC	141	79	SATISFACTORY	Y	
HAM15823	BOUDINOT AV	MOZART AV	FELTZ AV	37	307.15	AC	370	39	VERY POOR	Y	
HAM15448	BOUDINOT AV	PENROSE PL	MONTANA AV	44	497.25	AC	148	80	SATISFACTORY	Y	
HAM15895	BOUDINOT AV	PHOENIX AV	AUGUSTA AV	40	393.71	AC	112	81	SATISFACTORY	Y	
HAM03090	BOUDINOT AV	QUEEN CITY AV	WILLET TER	50	345.62	AC	259	86	GOOD	Y	
HAM15386	BOUDINOT AV	RAMONA AV	LISCHER AV	44	655.79	AC	148	84	SATISFACTORY	Y	
HAM15858	BOUDINOT AV	URWILER AV	MOZART AV	44	915.95	AC	186	84	SATISFACTORY	Y	
HAM03092	BOUDINOT AV	VEAZEY AV	WEST TOWER AV	44	337.43	AC	178	68	FAIR	Y	
HAM15872	BOUDINOT AV	WARDALL AV	PHOENIX AV	24	953.62	AC	155	79	SATISFACTORY	Y	
HAM15417	BOUDINOT AV	WERK RD	RAMONA AV	44	893.14	AC	153	82	SATISFACTORY	Y	
HAM03091	BOUDINOT AV	WEST TOWER AV	QUEEN CITY AV	55	1264.19	AC	186	70	FAIR	Y	
HAM03093	BOUDINOT AV	WESTBROOK DR	WERK RD	44	470.05	AC	183	85	SATISFACTORY	Y	
HAM03095	BOUDINOT AV	WILLET TER	IDEAL TER	44	290.81	AC	177	80	SATISFACTORY	Y	
HAM34268	BOUTON ST	HEEKIN AV	RUSSELL AV	17	450.60	AC	650	73	SATISFACTORY	Y	
HAM02617	BOWDITCH ST	BARKLEY AV	PATTISON AV	4	273.34		-1	-1		N	BOOTS ON THE GROUND / STAIRCASE
HAM03152	BOWDITCH ST	PATTISON AV	HILLSIDE AV	3	169.59		-1	-1		N	BOOTS ON THE GROUND / STAIRCASE
HAM39545	BOWDLE PL	TERM E OF LUDLOW AV	LUDLOW AV	10	267.55	AC	650	34	VERY POOR	Y	UNCOLLECTED PORTION PRIVATE DRIVEWAY
HAM09027	BOWEN ST	E 7TH ST	E 8TH ST	8	279.05		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM09026	BOWEN ST	E 8TH ST	E 9TH ST	9	350.61		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM09037	BOWEN ST	E 9TH ST	E COURT ST	9	301.60		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM38828	BOWLING GREEN CT	MOOSEWOOD AV	TERM NW OF MOOSEWOOD AV	31	925.96	AC	461	80	SATISFACTORY	Y	
HAM08209	BOWMAN AV	LOCKWOOD PL	MISTLETOE AV	23	417.74	AC	650	46	POOR	Y	
HAM08217	BOWMAN AV	MISTLETOE AV	TERM N OF MISTLETOE AV	23	739.11	AC	650	54	POOR	Y	UNCOLLECTED PORTION DOES NOT EXIST
HAM39146	BOWMAN TER	TERM NE OF READING RD	READING RD	20	329.79	AC	650	43	POOR	Y	
HAM11791	BOYD ST	CHAMBERS ST	MAD ANTHONY ST	23	399.41	AC	650	95	GOOD	Y	
HAM11790	BOYD ST	DANE AV	CHAMBERS ST	24	405.65	AC	535	94	GOOD	Y	
HAM66597	BRACHMAN AV	CAMBRIDGE AV	BEECHMONT AV	18	779.53	AC	530	37	VERY POOR	Y	
HAM66598	BRACHMAN AV	TERM S OF CAMBRIDGE AV	CAMBRIDGE AV	18	199.28	AC	650	36	VERY POOR	Y	
HAM50660	BRACKEN WOODS LN	GATE ST	GOBEL CT	20	775.54	AC	499	71	SATISFACTORY	Y	
HAM50661	BRACKEN WOODS LN	GOBEL CT	SHAFFER AV	19	428.24	AC	649	40	VERY POOR	Y	
HAM02823	BRACKEN WOODS LN	HARRISON AV	GATE ST	20	234.87	AC	608	69	FAIR	Y	
HAM37802	BRACKEN WOODS LN	SHAFFER AV	TERM NE OF SHAFFER AV	22	291.81	AC	650	34	VERY POOR	Y	
HAM37963	BRADFORD CT	CINC|DELHTP CORPLINE	TERM NW OF BRADFORD CT SPLIT	25	887.39	AC	319	80	SATISFACTORY	Y	
HAM37962	BRADFORD CT	TERM W OF BRADFORD CT SPLIT	CINC|DELHTP CORPLINE	25	638.69	AC	405	84	SATISFACTORY	Y	
HAM06496	BRAMBLE AV	AZALEA AV	WHETSEL AV	40	505.43	AC	136	93	GOOD	Y	
HAM06655	BRAMBLE AV	BLANEY AV	EDITH AV	37	391.17	AC	129	93	GOOD	Y	
HAM11270	BRAMBLE AV	CONANT ST	AZALEA AV	40	622.21	AC	110	93	GOOD	Y	
HAM06747	BRAMBLE AV	EDITH AV	PLAINVILLE RD	36	537.99	AC	362	93	GOOD	Y	
HAM06513	BRAMBLE AV	ERIE AV	SHERWOOD AV	41	529.09	AC	650	93	GOOD	Y	
HAM06572	BRAMBLE AV	HOMER AV	SETTLE ST	35	852.00	AC	218	93	GOOD	Y	
HAM06573	BRAMBLE AV	HOMER AV	HOMER AV	36	161.63	AC	212	93	GOOD	Y	
HAM06634	BRAMBLE AV	MARIETTA ST	BLANEY AV	36	556.03	AC	139	93	GOOD	Y	
HAM06606	BRAMBLE AV	NORMANDY AV	WATTERSON ST	36	174.17	AC	180	91	GOOD	Y	
HAM06566	BRAMBLE AV	SETTLE ST	MARIETTA ST	36	223.72	AC	444	93	GOOD	Y	
HAM06529	BRAMBLE AV	SHERWOOD AV	CONANT ST	41	285.73	AC	146	94	GOOD	Y	
HAM06571	BRAMBLE AV	SIMPSON AV	HOMER AV	35	307.27	AC	167	93	GOOD	Y	
HAM06564	BRAMBLE AV	WATTERSON ST	WATTERSON ST	37	127.17	AC	155	94	GOOD	Y	
HAM06569	BRAMBLE AV	WATTERSON ST	SIMPSON AV	37	443.57	AC	152	93	GOOD	Y	
HAM06560	BRAMBLE AV	WHETSEL AV	WHETSEL AV	36	171.41	AC	189	93	GOOD	Y	
HAM06563	BRAMBLE AV	WHETSEL AV	NORMANDY AV	37	160.11	AC	169	94	GOOD	Y	
HAM38462	BRANCH AL	BRANCH ST	TERM NW OF BRANCH ST	11	128.51	AC	650	17	SERIOUS	Y	
HAM08425	BRANCH ST	BRANCH AL	STARK ST	18	168.80	AC	650	36	VERY POOR	Y	
HAM08407	BRANCH ST	HENRY ST	BRANCH AL	17	491.40	AC	650	56	FAIR	Y	
HAM14297	BRANDON AV	TERM S OF CAMBRIDGE AV	CAMBRIDGE AV	24	1100.22	AC	268	86	GOOD	Y	
HAM38088	BRANDONBURG LN	TERM W OF PLAINFIELD RD	PLAINFIELD RD	24	489.64	AC	650	63	FAIR	Y	
HAM38446	BRASHEARS ST	TERM E OF SPRING GROVE AV	SPRING GROVE AV	29	282.74	AC	650	95	GOOD	Y	
HAM03543	BRATER AV	GLENWAY AV	ANDERSON FERRY RD	21	990.06	AC	298	91	GOOD	Y	
HAM26265	BRAXTON CAMPBELL CT	RAMMELSBURG ST	BERESFORD AV	13	568.12	AC	443	42	POOR	Y	ONE WAY
HAM12127	BRAZEE ST	MADISON RD	TRACY DR	27	218.65	AC	650	61	FAIR	Y	
HAM12252	BRAZEE ST	TRACY DR	ENYART AV	25	476.68	AC	650	35	VERY POOR	Y	
HAM05749	BREEN ST	ELMHURST AV	GRANDIN RD	24	530.33	AC	650	73	SATISFACTORY	Y	
HAM09406	BRENTWOOD AV	ERIE AV	PEMBROKE AV	24	284.95	AC	650	31	VERY POOR	Y	
HAM09398	BRENTWOOD AV	PAPE AV	ERIE AV	24	307.97	AC	650	93	GOOD	Y	
HAM09399	BRENTWOOD AV	PARKLINE AV	PAPE AV	18	280.86	AC	650	78	SATISFACTORY	Y	
HAM09405	BRENTWOOD AV	PEMBROKE AV	SAYBROOK AV	24	381.80	AC	394	43	POOR	Y	
HAM03137	BRESTEL RD	ARTHUR PL	BALTIMORE AV	23	278.55	AC	650	94	GOOD	Y	
HAM02724	BRESTEL RD	TERM SW OF ARTHUR PL	ARTHUR PL	14	782.84	AC	650	50	POOR	Y	
HAM02311	BREVIER AV	CONSIDINE AV	PURCELL AV	32	325.74	AC	650	84	SATISFACTORY	Y	
HAM02310	BREVIER AV	PURCELL AV	ELBERON AV	24	336.45	AC	644	75	SATISFACTORY	Y	
HAM26404	BREWSTER AV	IDLEWILD AV	NEWTON AV	35	355.92	AC	361	42	POOR	Y	
HAM26379	BREWSTER AV	MONTGOMERY RD	TRIMBLE AV	37	1093.03	AC	454	43	POOR	Y	
HAM26398	BREWSTER AV	NEWTON AV	TERM E OF NEWTON AV	53	361.40	AC	613	64	FAIR	Y	
HAM39602	BREWSTER AV	TERM W OF WOODBURN AV	WOODBURN AV	37	644.67	AC	433	62	FAIR	Y	
HAM26406	BREWSTER AV	WOODBURN AV	IDLEWILD AV	35	484.75	AC	487	45	POOR	Y	
HAM12015	BRIARCLIFFE AV	FERNVIEW AV	TULANE RD	24	902.39	AC	527	53	POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM37274	BRIARCLIFFE AV	TERM W OF FERNVIEW AV	FERNVIEW AV	25	572.12	AC	586	58	FAIR	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM37357	BRIGGS PL	TERM S OF MARKBREIT AV	MARKBREIT AV	19	275.52	AC	475	79	SATISFACTORY	Y	
HAM20041	BRIGHT AL	BANK ST	BELOIT AL	8	643.66		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM08235	BRIGHT AL	GARDEN ST	BANK ST	10	246.02		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM27411	BRIGHT AL	NAEHER ST	DAYTON ST	8	191.94		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM27473	BRIGHT AL	YORK ST	NAEHER ST	8	167.98		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM27367	BRIGHTON BRIDGE APPROACH	CENTRAL PKWY	W MCMICKEN AV	29	365.05	AC	650	41	POOR	Y	
HAM32173	BRIGHTON BRIDGE APPROACH	HARRISON AV	BRIGHTON BRIDGE	31	329.77	AC	585	84	SATISFACTORY	Y	
HAM20093	BRIGHTON PL	KINDEL AV	KINDEL AV	40	124.55	AC	650	82	SATISFACTORY	Y	
HAM37628	BRIGHTONMANOR LN	TERM W OF BROADVIEW DR	BROADVIEW DR	25	386.56	AC	650	78	SATISFACTORY	Y	
HAM54183	BRINDLEY LN	KIRBY AV	TERM N OF KIRBY AV	22	436.27	AC	611	94	GOOD	Y	
HAM38674	BRINKMEIER AV	BALTIMORE AV	TERM W OF BALTIMORE AV	21	424.04	AC	650	82	SATISFACTORY	Y	
HAM40502	BRISTOL LN	WESTMINSTER DR	TERM N OF WESTMINSTER DR	22	633.46	AC	423	77	SATISFACTORY	Y	
HAM35594	BRISTOLHILL CT	TERM SE OF HORIZONVUE DR	HORIZONVUE DR	25	277.83	AC	541	30	VERY POOR	Y	
HAM25786	BRITT AL	ELKINS AL	W CENTRAL PKWY	8	119.37		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM25939	BRITT AL	PENDERY AL	W COURT ST	10	165.61		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM38633	BRITT AL	TERM S OF W 9TH ST	W 9TH ST	6	118.88		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM25770	BRITT AL	W COURT ST	ELKINS AL	7	162.08		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM10273	BRITTON AV	BERWICK AV	GROVE AV	25	619.84	AC	501	49	POOR	Y	
HAM06653	BRITTON AV	BLANEY AV	PLAINVILLE RD	25	781.70	AC	547	74	SATISFACTORY	Y	
HAM06671	BRITTON AV	KENMORE AV	BERWICK AV	29	716.04	AC	328	48	POOR	Y	
HAM06627	BRITTON AV	MARIETTA ST	BLANEY AV	25	549.13	AC	650	72	SATISFACTORY	Y	
HAM06656	BRITTON AV	PLAINVILLE RD	KENMORE AV	27	688.67	AC	542	43	POOR	Y	
HAM36715	BRITTON AV	TERM W OF MARIETTA ST	MARIETTA ST	25	399.37	AC	650	57	FAIR	Y	
HAM37629	BROADVIEW DR	BRIGHTONMANOR LN	BROADVIEW DR	17	727.51	AC	401	65	FAIR	Y	
HAM11447	BROADVIEW DR	BROADVIEW DR	BRIGHTONMANOR LN	18	647.16	AC	408	75	SATISFACTORY	Y	
HAM09553	BROADVIEW DR	BROADVIEW PL	BROADVIEW DR	21	95.64	AC	650	77	SATISFACTORY	Y	
HAM09552	BROADVIEW DR	COUNTRY CLUB PL	BROADVIEW PL	18	232.40	AC	379	73	SATISFACTORY	Y	
HAM06707	BROADVIEW DR	ERIE AV	COUNTRY CLUB PL	20	637.13	AC	650	74	SATISFACTORY	Y	
HAM37626	BROADVIEW PL	BROADVIEW DR	TERM NE OF BROADVIEW DR	10	174.91	AC	650	80	SATISFACTORY	Y	
HAM27778	BROADWAY	ARCH ST	E 4TH ST	67	237.12	AC	650	85	SATISFACTORY	Y	
HAM26069	BROADWAY	BEDINGER ST	E 9TH ST	47	171.38	AC	137	96	GOOD	Y	ONE WAY
HAM65526	BROADWAY	BEECH AL	MILTON ST	24	194.03	AC	650	85	SATISFACTORY	Y	
HAM09929	BROADWAY	E 12TH ST	GREAR AL	27	120.59		-1	-1		N	BLOCKED BY BARRICADE
HAM20333	BROADWAY	E 13TH ST	E 14TH ST	30	508.91	AC	650	84	SATISFACTORY	Y	
HAM50848	BROADWAY	E 14TH ST	TERM N OF E 14TH ST	30	178.92	AC	475	92	GOOD	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM34596	BROADWAY	E 3RD ST	ARCH ST	66	232.52	AC	650	72	SATISFACTORY	Y	
HAM27773	BROADWAY	E 4TH ST	MASONIC AL	41	138.56	AC	503	91	GOOD	Y	
HAM61616	BROADWAY	E 5TH ST	PROCTER AND GAMBLE PLAZA	46	257.98	AC	129	96	GOOD	Y	ONE WAY
HAM27660	BROADWAY	E 6TH ST	NEW ST	46	233.21	AC	188	97	GOOD	Y	ONE WAY
HAM26083	BROADWAY	E 7TH ST	E 8TH ST	45	231.73	AC	650	96	GOOD	Y	ONE WAY
HAM26074	BROADWAY	E 8TH ST	BEDINGER ST	46	215.07	AC	246	96	GOOD	Y	ONE WAY
HAM26043	BROADWAY	E 9TH ST	EGGLESTON AV	46	273.63	AC	551	96	GOOD	Y	ONE WAY
HAM19114	BROADWAY	E MEHRING WY	E PETE ROSE WY	84	481.27	PCC	541	55	POOR	Y	
HAM52725	BROADWAY	E PETE ROSE WY	E 3RD ST	59	583.40	AC	650	81	SATISFACTORY	Y	
HAM08687	BROADWAY	ELLIOTT ST	E 12TH ST	24	251.14	AC	650	77	SATISFACTORY	Y	ONE WAY
HAM20334	BROADWAY	GREAR AL	E 13TH ST	26	117.14	AC	650	75	SATISFACTORY	Y	
HAM65525	BROADWAY	LIBERTY HILL	BEECH AL	24	125.46	AC	650	83	SATISFACTORY	Y	
HAM27772	BROADWAY	MASONIC AL	E 5TH ST	42	317.40	AC	277	95	GOOD	Y	
HAM26079	BROADWAY	NEW ST	E 7TH ST	45	235.96	AC	138	96	GOOD	Y	ONE WAY
HAM61615	BROADWAY	PROCTER AND GAMBLE PLAZA	E 6TH ST	46	217.59	AC	650	96	GOOD	Y	ONE WAY
HAM08704	BROADWAY	READING RD	ELLIOTT ST	26	128.98	AC	650	74	SATISFACTORY	Y	ONE WAY
HAM15540	BROADWELL AV	DARTMOUTH DR	GLENMORE AV	35	1080.29	AC	564	39	VERY POOR	Y	
HAM15507	BROADWELL AV	GLENMORE AV	STANHOPE AV	14	351.80	AC	650	26	VERY POOR	Y	
HAM37823	BRODBECK PL	FOXCOVE CT	TERM E OF FOXCOVE CT	23	218.20	AC	650	82	SATISFACTORY	Y	
HAM33643	BRODBECK PL	WESTWOOD NORTHERN BLVD	FOXCOVE CT	23	540.27	AC	650	83	SATISFACTORY	Y	
HAM35511	BROKAW AV	MCHENRY AV	TERM N OF MCHENRY AV	16	1240.37	AC	650	53	POOR	Y	UNCOLLECTED PORTION PRIVATE DRIVEWAY
HAM19531	BROOKCREST DR	BLACKSTONE PL	SECTION RD	34	315.42	AC	517	59	FAIR	Y	
HAM19507	BROOKCREST DR	BLUEFIELD PL	LARCHWOOD PL	24	301.47	AC	337	69	FAIR	Y	
HAM19528	BROOKCREST DR	GLENDON PL	BLACKSTONE PL	25	303.70	AC	408	69	FAIR	Y	
HAM19506	BROOKCREST DR	LARCHWOOD PL	SERVICE RD	25	278.04	AC	650	46	POOR	Y	
HAM22103	BROOKCREST DR	LOSANTIVILLE AV	BLUEFIELD PL	24	349.27	AC	505	55	POOR	Y	
HAM19529	BROOKCREST DR	SERVICE RD	GLENDON PL	25	302.48	AC	443	47	POOR	Y	
HAM05924	BROOKLINE AV	HOSEA AV	OXFORD TER	33	294.97	AC	326	93	GOOD	Y	
HAM05873	BROOKLINE AV	JEFFERSON AV	WENTWORTH AV	37	171.99	AC	650	92	GOOD	Y	
HAM05427	BROOKLINE AV	LORAINE AV	GLENMARY AV	34	220.20	AC	465	92	GOOD	Y	
HAM05923	BROOKLINE AV	OXFORD TER	LORAINE AV	33	310.53	AC	345	91	GOOD	Y	
HAM05925	BROOKLINE AV	WENTWORTH AV	HOSEA AV	37	392.46	AC	351	91	GOOD	Y	
HAM32075	BROOKS AV	CLARION AV	DANA AV	30	520.23	AC	650	50	POOR	Y	
HAM07272	BROOKSIDE AV	CHASE AV	HOBART AV	29	190.27	AC	236	94	GOOD	Y	ONE WAY
HAM07328	BROOKSIDE AV	HOBART AV	PULLAN AV	30	676.82	AC	350	95	GOOD	Y	ONE WAY
HAM39681	BROOKSTONE DR	STONEBRIDGE DR	TERM E OF STONEBRIDGE DR	60	642.04	AC	650	74	SATISFACTORY	Y	
HAM38867	BROOKWOOD MEADOW AV	CRESTWOOD AV	TERM E OF CRESTWOOD AV	18	417.19	AC	650	64	FAIR	Y	
HAM11277	BROTHERTON CT	RED BANK EXWY	ERIE AV	55	374.82	AC	650	72	SATISFACTORY	Y	
HAM11272	BROTHERTON CT	TERM W OF ERIE CT	RED BANK EXWY	26	583.17	AC	381	30	VERY POOR	Y	
HAM06507	BROTHERTON RD	ALLENDALE DR	LEESBURG LN	41	288.53	AC	169	57	FAIR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM06506	BROTHERTON RD	ALLENDORF DR	ALLENDALE DR	41	187.21	AC	168	66	FAIR	Y	
HAM06517	BROTHERTON RD	ALLENDORF DR	ROMAINE DR	40	681.96	AC	165	72	SATISFACTORY	Y	
HAM12133	BROTHERTON RD	CAVOUR ST	RIDGE AV	41	510.50	AC	198	73	SATISFACTORY	Y	
HAM10577	BROTHERTON RD	CLUB VIEW DR	PAXTON WOODS LN	41	257.05	AC	220	58	FAIR	Y	
HAM10574	BROTHERTON RD	FIELDING ST	JORA LN	40	192.27	AC	168	70	FAIR	Y	
HAM10573	BROTHERTON RD	JORA LN	CLUB VIEW DR	40	260.76	AC	146	52	POOR	Y	
HAM06510	BROTHERTON RD	LEESBURG LN	ALLENDORF DR	40	131.55	AC	203	60	FAIR	Y	
HAM10576	BROTHERTON RD	PAXTON WOODS LN	ALLENDORF DR	40	930.46	AC	172	71	SATISFACTORY	Y	
HAM12131	BROTHERTON RD	RIDGE AV	SHEREL LN	41	714.31	AC	188	78	SATISFACTORY	Y	
HAM06518	BROTHERTON RD	ROMAINE DR	ROSSLYN DR	41	209.95	AC	650	68	FAIR	Y	
HAM06537	BROTHERTON RD	ROSSLYN DR	TERM E OF ROSSLYN DR	24	497.75	AC	624	79	SATISFACTORY	Y	
HAM10575	BROTHERTON RD	SHEREL LN	FIELDING ST	40	253.12	AC	154	74	SATISFACTORY	Y	
HAM05354	BROWN ST	BABB AL	RIVERSIDE DR	24	136.47	AC	650	89	GOOD	Y	
HAM21341	BROWNWAY AV	DEE AL	ROBERTSON AV	30	438.47	AC	411	95	GOOD	Y	
HAM21330	BROWNWAY AV	MADISON RD	MINOT AV	31	401.30	AC	650	95	GOOD	Y	
HAM21334	BROWNWAY AV	MINOT AV	DEE AL	33	77.15	AC	650	88	GOOD	Y	
HAM21325	BROWNWAY AV	ROBERTSON AV	ENYART AV	30	529.14	AC	650	95	GOOD	Y	
HAM02880	BRUCE AV	FLORIDA AV	GEORGIA CT	29	147.01	AC	650	28	VERY POOR	Y	
HAM02877	BRUCE AV	GEORGIA AV	VIRGINIA AV	29	187.39	AC	650	36	VERY POOR	Y	
HAM02879	BRUCE AV	GEORGIA CT	GEORGIA AV	30	103.55	AC	590	27	VERY POOR	Y	
HAM02881	BRUCE AV	HAIGHT AV	HAMILTON AV	31	388.11	AC	476	74	SATISFACTORY	Y	
HAM02885	BRUCE AV	HAMILTON AV	INNES AV	36	986.12	AC	169	95	GOOD	Y	
HAM02883	BRUCE AV	INNES AV	KIRBY AV	37	372.24	AC	305	95	GOOD	Y	
HAM02882	BRUCE AV	KIRBY AV	FLORIDA AV	30	261.05	AC	650	32	VERY POOR	Y	
HAM10969	BRUSHWOOD AV	BANKWOOD LN	CHERRYWOOD CT	24	253.03	AC	241	72	SATISFACTORY	Y	
HAM10963	BRUSHWOOD AV	BITTEROOT LN	KNOLLWOOD LN	25	301.16	AC	372	64	FAIR	Y	
HAM10959	BRUSHWOOD AV	BOBOLINK DR	BANKWOOD LN	23	305.38	AC	358	84	SATISFACTORY	Y	
HAM35920	BRUSHWOOD AV	CHERRYWOOD CT	TERM W OF CHERRYWOOD CT	24	141.81	AC	650	86	GOOD	Y	
HAM01307	BRUSHWOOD AV	DALY RD	GRANVILLE LN	23	441.82	AC	635	91	GOOD	Y	
HAM01314	BRUSHWOOD AV	GRANVILLE LN	BITTEROOT LN	24	189.69	AC	223	83	SATISFACTORY	Y	
HAM10960	BRUSHWOOD AV	KNOLLWOOD LN	BOBOLINK DR	24	303.82	AC	394	84	SATISFACTORY	Y	
HAM05485	BRYANT AV	CLIFTON AV	TELFORD ST	29	405.39	AC	650	74	SATISFACTORY	Y	
HAM05484	BRYANT AV	MIDDLETON AV	WHITFIELD AV	23	336.29	AC	650	63	FAIR	Y	
HAM05477	BRYANT AV	TELFORD ST	MIDDLETON AV	30	499.05	AC	650	76	SATISFACTORY	Y	
HAM06224	BRYSON ST	ELDORADO AV	WAITS AV	14	519.99	AC	303	95	GOOD	Y	
HAM06220	BRYSON ST	KENWOOD AV	ROHDE AV	15	433.17	AC	567	95	GOOD	Y	
HAM06218	BRYSON ST	RENSLAR AV	KENWOOD AV	13	436.83	AC	414	92	GOOD	Y	
HAM06222	BRYSON ST	ROHDE AV	ELDORADO AV	14	538.50	AC	352	95	GOOD	Y	
HAM27382	BUCK ST	HARRISON AV	TERM N OF HARRISON AV	26	411.48	AC	612	47	POOR	Y	
HAM27383	BUCK ST	TERM SW OF SPRING GROVE AV	SPRING GROVE AV	23	453.31	AC	650	61	FAIR	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM13169	BUCKINGHAM PL	JAMESON ST	PLAINVILLE RD	25	802.47	AC	599	21	SERIOUS	Y	
HAM13161	BUCKINGHAM PL	PLAINVILLE RD	CINC|COLUTP CORPLINE	25	448.34	AC	650	40	VERY POOR	Y	
HAM36719	BUCKINGHAM PL	TERM W OF JAMESON ST	JAMESON ST	15	170.33	AC	650	27	VERY POOR	Y	
HAM09586	BUDD ST	DALTON AV	MCLEAN ST	36	626.39	AC	367	73	SATISFACTORY	Y	
HAM40967	BUDD ST	MCLEAN ST	TERM W OF MCLEAN ST	30	283.71	AC	650	65	FAIR	Y	
HAM30991	BUDDLEIA CT	LYONIA CT	SCARLETOAK DR	24	262.92	AC	342	78	SATISFACTORY	Y	
HAM38012	BUDDLEIA CT	TERM SE OF LYONIA CT	LYONIA CT	24	535.07	AC	345	85	SATISFACTORY	Y	
HAM00805	BUDMAR AV	MARLOWE AV	ELKTON PL	25	705.87	AC	358	95	GOOD	Y	
HAM39071	BUDWOOD CT	RIPPLEWOOD LN	TERM N OF RIPPLEWOOD LN	24	306.38	AC	650	33	VERY POOR	Y	
HAM15564	BUELL ST	DAYTONA AV	TERM N OF DAYTONA AV	25	580.30	AC	650	78	SATISFACTORY	Y	
HAM15472	BUELL ST	SCHWARTZE AV	DAYTONA AV	19	460.22	AC	650	93	GOOD	Y	
HAM36188	BUELL ST	TERM S OF SCHWARTZE AV	SCHWARTZE AV	24	853.70	AC	650	36	VERY POOR	Y	
HAM24171	BUENA VISTA PL	KERPER AV	WALTER AV	24	442.17	AC	449	100	GOOD	Y	ONE WAY
HAM08693	BUNKER AL	E 12TH ST	GREAR AL	8	121.58		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM20302	BUNKER AL	E 14TH ST	EDDY AL	8	118.55		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM50846	BUNKER AL	EDDY AL	TERM N OF EDDY AL	8	69.52		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM08690	BUNKER AL	ELLIOTT ST	E 12TH ST	7	243.91		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM08694	BUNKER AL	GREAR AL	E 13TH ST	7	116.71		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM50905	BUNKER AL	LIBERTY HILL	TERM N OF LIBERTY HILL	8	185.71		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM08691	BUNKER AL	READING RD	ELLIOTT ST	7	156.86		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM24225	BURBANK ST	BOONE ST	PRESLEY AL	30	136.22	AC	650	80	SATISFACTORY	Y	
HAM07951	BURBANK ST	CRANSTON AL	KENTON ST	30	136.65	AC	561	79	SATISFACTORY	Y	
HAM07953	BURBANK ST	FARRAN AL	CONCORD ST	27	134.57	AC	650	55	POOR	Y	
HAM24218	BURBANK ST	FOWLER ST	SYMMES ST	16	143.08	AC	650	51	POOR	Y	
HAM07952	BURBANK ST	KENTON ST	FARRAN AL	28	133.36	AC	650	48	POOR	Y	
HAM07942	BURBANK ST	MAY ST	CRANSTON AL	30	136.84	AC	650	52	POOR	Y	
HAM24226	BURBANK ST	PRESLEY AL	MAY ST	30	133.00	AC	650	86	GOOD	Y	
HAM17408	BURCH AV	ERIE AV	MADISON RD	35	1072.56	AC	650	41	POOR	Y	
HAM37372	BURCH AV	MADISON RD	TERM N OF MADISON RD	22	716.01	AC	626	66	FAIR	Y	
HAM06485	BURCH AV	OBSERVATORY AV	ERIE AV	36	849.57	AC	650	50	POOR	Y	
HAM05915	BURDETTE AV	ASHLAND AV	WOODBURN AV	35	1321.83	AC	469	94	GOOD	Y	
HAM38429	BURDETTE CT	WOODBURN AV	TERM E OF WOODBURN AV	17	301.96	AC	650	48	POOR	Y	
HAM29474	BURGOYNE ST	CHERRY ST	COLERAIN AV	18	124.92	AC	373	46	POOR	Y	ONE WAY
HAM29473	BURGOYNE ST	SPRING GROVE AV	CHERRY ST	18	594.27	AC	439	30	VERY POOR	Y	ONE WAY
HAM07777	BURKE AV	FAIRFAX AV	HINES AL	3	180.48		-1	-1		N	BOOTS ON THE GROUND / STAIRCASE
HAM07778	BURKE AV	HINES AL	KINNEY AV	3	186.52		-1	-1		N	BOOTS ON THE GROUND / STAIRCASE

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM07776	BURKE AV	KINNEY AV	MALORY CT	4	190.90		-1	-1		N	BOOTS ON THE GROUND / STAIRCASE
HAM07774	BURKE AV	MALORY CT	HEWITT AV	13	181.52	AC	650	67	FAIR	Y	
HAM40894	BURKHART AV	LISBON AV	TERM SE OF LISBON AV	24	267.28	AC	650	49	POOR	Y	
HAM25567	BURLINGTON PL	SPRING GROVE AV	HOPPLE ST	30	375.36	AC	650	93	GOOD	Y	ONE WAY
HAM05808	BURNET AV	ALBERT SABIN WY	KASOTA ST	48	400.88	AC	650	92	GOOD	Y	
HAM05806	BURNET AV	CATHERINE ST	ERKENBRECHER AV	50	366.45	AC	387	95	GOOD	Y	
HAM08030	BURNET AV	DONAHUE ST	E MARTIN LUTHER KING JR DR	42	762.65	AC	352	92	GOOD	Y	
HAM27898	BURNET AV	DORCHESTER AV	EARNSHAW AV	30	1079.65	AC	481	41	POOR	Y	
HAM05988	BURNET AV	E MARTIN LUTHER KING JR DR	PIEDMONT AV	54	259.71	AC	650	92	GOOD	Y	
HAM07999	BURNET AV	E UNIVERSITY AV	DONAHUE ST	36	173.24	AC	525	91	GOOD	Y	
HAM26115	BURNET AV	EARNSHAW AV	MCGREGOR AV	29	724.40	AC	522	68	FAIR	Y	
HAM05834	BURNET AV	ERKENBRECHER AV	ERKENBRECHER AV	50	356.33	AC	650	100	GOOD	Y	
HAM05855	BURNET AV	ERKENBRECHER AV	NORTHERN AV	51	334.80	AC	650	74	SATISFACTORY	Y	
HAM34677	BURNET AV	GOODMAN ST	ALBERT SABIN WY	54	739.68	AC	383	93	GOOD	Y	
HAM38557	BURNET AV	HELEN ST	TERM N OF HELEN ST	29	238.64	AC	650	36	VERY POOR	Y	
HAM05849	BURNET AV	HICKORY ST	ROCKDALE AV	40	354.42	AC	557	93	GOOD	Y	
HAM07974	BURNET AV	HILTON PL	WILLIAM H TAFT RD	36	214.87	AC	650	82	SATISFACTORY	Y	
HAM05807	BURNET AV	KASOTA ST	CATHERINE ST	48	421.29	AC	200	87	GOOD	Y	
HAM20104	BURNET AV	MCGREGOR AV	HELEN ST	30	354.38	AC	650	45	POOR	Y	
HAM05853	BURNET AV	NORTHERN AV	HICKORY ST	51	133.59	AC	626	91	GOOD	Y	
HAM62241	BURNET AV	OAK ST	E UNIVERSITY AV TO BURNET AV RAMP	36	500.40	AC	148	90	GOOD	Y	
HAM05987	BURNET AV	PIEDMONT AV	GOODMAN ST	46	268.07	AC	251	88	GOOD	Y	
HAM07956	BURNET AV	READING RD	SHEA PL	37	265.35	AC	650	68	FAIR	Y	
HAM05715	BURNET AV	ROCKDALE AV	FOREST AV	41	415.89	AC	650	93	GOOD	Y	
HAM07886	BURNET AV	SHEA PL	HILTON PL	37	335.63	AC	171	93	GOOD	Y	
HAM07975	BURNET AV	WILLIAM H TAFT RD	OAK ST	36	721.16	AC	642	91	GOOD	Y	
HAM11405	BURNEY LN	BIRNEY LN	LE CONTE AV	37	300.49	AC	152	60	FAIR	Y	
HAM11406	BURNEY LN	BIRNEY LN	FOSTER AV	36	303.67	AC	140	75	SATISFACTORY	Y	
HAM11407	BURNEY LN	BIRNEY LN	NITRAM CT	37	300.40	AC	175	68	FAIR	Y	
HAM29545	BURNEY LN	BIRNEY LN	GRANT AV	37	403.30	AC	522	70	FAIR	Y	
HAM06426	BURNEY LN	GLADE AV	AMBAR AV	36	578.98	AC	226	57	FAIR	Y	
HAM11408	BURNEY LN	LE CONTE AV	GLADE AV	38	710.67	AC	334	47	POOR	Y	
HAM14604	BURNEY LN	WALDORF PL	BEECHMONT AV	36	296.70	AC	650	70	FAIR	Y	
HAM07834	BURNS AV	BURNS CT	FERNDALE AV	32	184.96	AC	531	61	FAIR	Y	
HAM07833	BURNS AV	E GALBRAITH RD	BURNS CT	35	651.49	AC	647	34	VERY POOR	Y	
HAM11690	BURNS AV	FERNDALE AV	WOODSDALE AV	31	327.69	AC	298	75	SATISFACTORY	Y	
HAM13008	BURNS AV	GLENDALE ST	E GALBRAITH RD	36	375.33	AC	650	58	FAIR	Y	
HAM19489	BURNS AV	HEREFORD ST	HILLSDALE AV	32	285.80	AC	379	56	FAIR	Y	
HAM19484	BURNS AV	HILLSDALE AV	MILLSDALE ST	29	217.48	AC	650	73	SATISFACTORY	Y	
HAM13009	BURNS AV	PARKWAY AV	GLENDALE ST	31	418.23	AC	632	37	VERY POOR	Y	
HAM11688	BURNS AV	SHEEHAN AV	SHEEHAN AV	32	79.59	AC	441	55	POOR	Y	
HAM17919	BURNS AV	SHEEHAN AV	HEREFORD ST	32	333.86	AC	283	69	FAIR	Y	
HAM11689	BURNS AV	WOODSDALE AV	SHEEHAN AV	32	250.88	AC	307	79	SATISFACTORY	Y	
HAM38182	BURNS CT	TERM S OF BURNS AV	BURNS AV	33	275.10	AC	650	59	FAIR	Y	
HAM38183	BURNS LN	BURNS AV	TERM NE OF BURNS AV	31	462.88	AC	470	93	GOOD	Y	
HAM08724	BURNS ST	HATMAKER ST	PARDEE AL	27	168.12	AC	364	92	GOOD	Y	
HAM60953	BURNS ST	PARDEE AL	AARON RAINES LN	39	100.62	AC	610	95	GOOD	Y	
HAM11802	BURNS ST	RIVER RD	ST MICHAEL ST	27	161.20	AC	650	95	GOOD	Y	
HAM09875	BURNS ST	ST MICHAEL ST	STORRS ST	27	281.19	AC	502	92	GOOD	Y	
HAM08725	BURNS ST	STORRS ST	HATMAKER ST	26	424.83	AC	377	95	GOOD	Y	
HAM18128	BURR OAK ST	CHICKERING AV	NORTH EDGEWOOD AV	24	1214.23	AC	650	94	GOOD	Y	
HAM00104	BURR OAK ST	NORTH EDGEWOOD AV	TERM W OF	22	547.47	AC	650	91	GOOD	Y	ONE WAY
HAM11394	BURSAL AV	BURSAL CT	ST JONATHAN CT	24	311.50	AC	507	47	POOR	Y	
HAM11392	BURSAL AV	ST JONATHAN CT	LE CONTE AV	24	374.78	AC	469	72	SATISFACTORY	Y	
HAM11396	BURSAL AV	WHITEHALL AV	BURSAL CT	24	298.72	AC	363	75	SATISFACTORY	Y	
HAM36966	BURSAL CT	BURSAL AV	TERM E OF BURSAL AV	24	259.32	AC	650	44	POOR	Y	
HAM38417	BURTON AV	BEATRICE DR	TERM SE OF BEATRICE DR	36	841.00	AC	650	47	POOR	Y	
HAM26204	BURTON AV	READING RD	BEATRICE DR	36	923.86	AC	491	57	FAIR	Y	
HAM12122	BURTON WOODS LN	CLINTON SPRINGS AV	RED BUD AV	25	1412.55	AC	369	88	GOOD	Y	
HAM39201	BUSHNELL ST	TERM E OF MT HOPE AV	MT HOPE AV	27	262.31	AC	650	82	SATISFACTORY	Y	
HAM30573	BUTLER ST	E 3RD ST	E 5TH ST	20	765.01	AC	487	43	POOR	Y	
HAM53348	BUTLER ST	E 5TH ST	CULVERT ST	27	212.29	AC	522	92	GOOD	Y	
HAM55664	BUTLER ST	TERM SE OF E PETE ROSE WY	E PETE ROSE WY	23	269.34	PCC	650	73	SATISFACTORY	Y	
HAM37483	BUTTERCUP LN	GOLDENROD DR	TERM NW OF GOLDENROD DR	24	590.65	AC	635	43	POOR	Y	
HAM39663	BUTTERFIELD PL	TERM S OF TOMPKINS AV	TOMPKINS AV	22	515.97	AC	643	81	SATISFACTORY	Y	
HAM39621	BYRNES LAKE CT	TERM W OF VINE ST	VINE ST	25	408.70	AC	650	74	SATISFACTORY	Y	
HAM19993	BYRON ST	MOHAWK ST	TERM NE OF MOHAWK ST	16	172.59	AC	650	60	FAIR	Y	
HAM19985	BYRON ST	W MCMICKEN AV	MOHAWK ST	20	154.69	AC	650	77	SATISFACTORY	Y	
HAM19614	CADILLAC AV	DRAKE AV	DRAKEWOOD DR	30	429.66	AC	650	95	GOOD	Y	
HAM12183	CADILLAC AV	DRAKEWOOD DR	ISABELLA AV	30	350.83	AC	650	95	GOOD	Y	
HAM12184	CADILLAC AV	ISABELLA AV	MT VERNON AV	29	317.76	AC	650	95	GOOD	Y	
HAM31200	CALHOUN ST	CLIFTON AV	CORBETT DR	41	215.89	AC	236	69	FAIR	Y	ONE WAY
HAM31201	CALHOUN ST	CORBETT DR	CLIFTON AV	40	244.10	AC	590	68	FAIR	Y	ONE WAY
HAM21480	CALHOUN ST	DENNIS ST	OHIO AV	41	269.12	AC	180	74	SATISFACTORY	Y	ONE WAY
HAM62184	CALHOUN ST	JEFFERSON AV TO CALHOUN ST RAMP	SCIOTO ST	41	391.51	AC	206	38	VERY POOR	Y	
HAM57234	CALHOUN ST	KLEINE AL	SOUTH MARKET ST	30	405.94	AC	129	85	SATISFACTORY	Y	ONE WAY

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM21476	CALHOUN ST	OHIO AV	KLEINE AL	41	159.57	AC	112	84	SATISFACTORY	Y	ONE WAY
HAM21481	CALHOUN ST	SCIOTO ST	DENNIS ST	40	189.89	AC	284	49	POOR	Y	
HAM57236	CALHOUN ST	SOUTH MARKET ST	CLIFTON AV	30	706.64	AC	456	83	SATISFACTORY	Y	ONE WAY
HAM62185	CALHOUN ST	VINE ST	JEFFERSON AV TO CALHOUN ST RAMP	42	144.72	AC	300	44	POOR	Y	
HAM12785	CALIFORNIA AV	CORINTH AV	PADDOCK RD	39	407.76	AC	369	62	FAIR	Y	
HAM12392	CALIFORNIA AV	KEEN AV	READING RD	36	1115.97	AC	302	41	POOR	Y	
HAM12389	CALIFORNIA AV	MATLOCK AV	KEEN AV	36	369.24	AC	242	43	POOR	Y	
HAM40460	CALIFORNIA AV	OAKDALE AV	OBERLIN AV	36	524.04	AC	454	49	POOR	Y	
HAM12388	CALIFORNIA AV	OBERLIN AV	MATLOCK AV	37	528.42	AC	191	42	POOR	Y	
HAM12784	CALIFORNIA AV	PADDOCK RD	OAKDALE AV	36	579.99	AC	423	48	POOR	Y	
HAM40483	CALIFORNIA AV	TERM W OF CORINTH AV	CORINTH AV	25	365.14	AC	484	67	FAIR	Y	
HAM06003	CALLAHAN ST	BAYOU ST	LUMBER ST	17	372.23	AC	650	39	VERY POOR	Y	
HAM35752	CALLAHAN ST	TERM W OF BAYOU ST	BAYOU ST	17	173.95	AC	650	54	POOR	Y	
HAM20282	CALUMET ST	WALSH AL	GAGE ST	23	122.42	AC	650	29	VERY POOR	Y	
HAM20280	CALUMET ST	WINKLER ST	WALSH AL	24	130.36	AC	650	38	VERY POOR	Y	
HAM26531	CALVERT ST	ALAMO AV	RIDGE AV	38	307.27	AC	650	41	POOR	Y	
HAM26491	CALVERT ST	IBSEN AV	TERM N OF IBSEN AV	30	346.78	AC	650	27	VERY POOR	Y	
HAM61588	CALVERT ST	RIDGE AV	GRIMM ST	24	329.93	PCC	650	65	FAIR	Y	
HAM61590	CALVERT ST	RIDGE AV TO I-71 SB EXWY RAMP	GRIMM ST	17	200.65	PCC	489	69	FAIR	Y	
HAM39418	CALVIN CLIFF ST	TERM S OF VICTORY PKWY	VICTORY PKWY	17	261.18	AC	650	35	VERY POOR	Y	
HAM13229	CAMARGO RD	BLAESI ST	EAST LEDGE ST	26	333.60	AC	448	100	GOOD	Y	
HAM13227	CAMARGO RD	CINC|COLUPT CORPLINE	TERM N OF	25	2736.92	AC	135	61	FAIR	Y	
HAM13230	CAMARGO RD	EAST LEDGE ST	CINC|COLUTP CORPLINE	25	700.87	AC	121	100	GOOD	Y	
HAM26474	CAMBERWELL RD	HARROW AV	MADISON PARK AV	25	399.56	AC	203	95	GOOD	Y	
HAM33990	CAMBERWELL RD	MADISON PARK AV	MADISON RD	24	304.58	AC	484	65	FAIR	Y	
HAM40533	CAMBERWELL RD	TERM SE OF HARROW AV	HARROW AV	24	250.90	AC	309	95	GOOD	Y	
HAM14370	CAMBRIDGE AV	ALCOR TER	TIFFANY LN	18	200.72	AC	449	44	POOR	Y	
HAM14369	CAMBRIDGE AV	BEACON ST	ALCOR TER	22	293.01	AC	635	46	POOR	Y	
HAM14366	CAMBRIDGE AV	BLOOMINGDALE AV	LONGBOURNE ST	24	328.43	AC	484	34	VERY POOR	Y	
HAM14360	CAMBRIDGE AV	BRANDON AV	MARQUETTE AV	18	204.34	AC	374	35	VERY POOR	Y	
HAM14362	CAMBRIDGE AV	CLIO AV	MEARS AV	18	395.16	AC	650	32	VERY POOR	Y	
HAM14364	CAMBRIDGE AV	DELL TER	MARLOU LN	15	386.55	AC	550	60	FAIR	Y	
HAM14367	CAMBRIDGE AV	LONGBOURNE ST	PARNELL AV	24	227.65	AC	498	32	VERY POOR	Y	
HAM14368	CAMBRIDGE AV	MARLOU LN	BEACON ST	17	618.57	AC	650	37	VERY POOR	Y	
HAM14361	CAMBRIDGE AV	MARQUETTE AV	CLIO AV	18	131.96	AC	571	38	VERY POOR	Y	
HAM14363	CAMBRIDGE AV	MEARS AV	DELL TER	15	381.25	AC	650	54	POOR	Y	
HAM14356	CAMBRIDGE AV	PARNELL AV	RAGLAN ST	24	175.91	AC	650	32	VERY POOR	Y	
HAM14357	CAMBRIDGE AV	RAGLAN ST	WINCHESTER AV	24	419.92	AC	458	33	VERY POOR	Y	
HAM14359	CAMBRIDGE AV	SUTTON AV	BRANDON AV	21	346.17	AC	524	36	VERY POOR	Y	
HAM36108	CAMBRIDGE AV	TERM W OF BLOOMINGDALE AV	BLOOMINGDALE AV	10	153.57	AC	650	34	VERY POOR	Y	
HAM14358	CAMBRIDGE AV	WINCHESTER AV	SUTTON AV	24	347.03	AC	650	34	VERY POOR	Y	
HAM06011	CAMDEN AV	TERM NW OF WASHINGTON AV	WASHINGTON AV	25	845.70	AC	459	76	SATISFACTORY	Y	
HAM12956	CAMERON PL	HAWTHORNE AV	CONSIDINE AV	12	323.91	AC	650	48	POOR	Y	
HAM14282	CAMPBELL AL	SUTTON AV	TERM E OF SUTTON AV	13	155.75	AC	650	75	SATISFACTORY	Y	
HAM30646	CAMPBELL ST	GREEN ST	W ELDER ST	15	365.54	BR	650	-1		Y	ONE WAY
HAM08428	CAMPBELL ST	W ELDER ST	FINDLAY ST	14	430.47	BR	650	-1		Y	ONE WAY
HAM14347	CAMPUS LN	EPPERT WALK	BEECHMONT AV	36	198.40	AC	650	93	GOOD	Y	
HAM14346	CAMPUS LN	OXFORD AV	EPPERT WALK	36	195.92	AC	187	88	GOOD	Y	
HAM14345	CAMPUS LN	REBOLD LN	OXFORD AV	37	187.14	AC	198	91	GOOD	Y	
HAM14344	CAMPUS LN	SUTTON AV	REBOLD LN	36	181.73	AC	650	84	SATISFACTORY	Y	
HAM38621	CANAL RIDGE RD	TERM W OF CLIFTON AV	CLIFTON AV	15	5451.01		-1	-1		N	UNPAVED ROAD
HAM03377	CAPPEL DR	DELRIDGE DR	SCHULTE DR	21	992.79	AC	589	28	VERY POOR	Y	
HAM37992	CAPRI DR	TERM S OF TAHITI DR	TAHITI DR	25	1327.44	AC	293	60	FAIR	Y	
HAM03150	CARBON ST	MCWILLIAMS ST	BAURICHTER ST	6	447.23	AC	650	21	SERIOUS	Y	UNCOLLECTED PORTION PRIVATE DRIVEWAY
HAM38059	CARDIFF AV	FIELDING ST	TERM E OF FIELDING ST	24	600.52	AC	537	30	VERY POOR	Y	
HAM12822	CARDIFF AV	MARBURG AV	RIDGE AV	31	668.53	AC	640	85	SATISFACTORY	Y	
HAM12819	CARDIFF AV	RIDGE AV	FIELDING ST	31	952.03	AC	650	24	SERIOUS	Y	
HAM02666	CARLIN ST	WASHBURN ST	KENTUCKY AV	23	347.19	AC	650	39	VERY POOR	Y	
HAM09597	CARLL ST	BEEKMAN ST	LINDEN ST	31	917.13	AC	295	59	FAIR	Y	
HAM50761	CARLL ST	CUMMINS ST	BEEKMAN ST	36	249.66	AC	650	88	GOOD	Y	ONE WAY
HAM02926	CARLL ST	GEIGER ST	BALTIMORE AV	30	538.59	AC	417	44	POOR	Y	
HAM08060	CARLL ST	LINDEN ST	SEEGAR AV	30	1143.70	AC	202	53	POOR	Y	
HAM02927	CARLL ST	SEEGAR AV	GEIGER ST	30	487.70	AC	161	48	POOR	Y	
HAM26126	CARMALT ST	JOSEPHINE ST	YOUNG ST	30	299.84	AC	564	53	POOR	Y	
HAM20351	CARMALT ST	PARK PL	JOSEPHINE ST	30	261.13	AC	650	65	FAIR	Y	
HAM27891	CARMALT ST	YOUNG ST	HIGHLAND AV	31	765.93	AC	445	65	FAIR	Y	
HAM02409	CARMANIA AV	TERM S OF GLENWAY AV	GLENWAY AV	29	660.30	AC	650	72	SATISFACTORY	Y	
HAM39523	CARMEL TER	TERM S OF EVERETT AV	MOZART AV	25	401.12	AC	529	52	POOR	Y	
HAM03344	CARNATION AV	CARNATION CIR	PEDRETTI AV	31	899.53	AC	577	57	FAIR	Y	
HAM03353	CARNATION AV	OVERLOOK AV	TERM W OF OVERLOOK AV	24	369.85	AC	552	59	FAIR	Y	
HAM03355	CARNATION AV	PEDRETTI AV	OVERLOOK AV	24	424.88	AC	650	55	POOR	Y	
HAM37983	CARNATION CIR	TERM E OF HERMOSA AV	CARNATION AV	31	182.86	AC	650	32	VERY POOR	Y	
HAM39365	CARNES ST	TERM E OF TILLIE AV	TILLIE AV	16	134.19	AC	650	63	FAIR	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM26152	CARNEY ST	HATCH ST	PARADROME ST	20	246.13	AC	650	44	POOR	Y	
HAM26153	CARNEY ST	PARADROME ST	PARKSIDE PL	31	254.21	AC	650	36	VERY POOR	Y	
HAM08608	CARNEY ST	PAVILION ST	HATCH ST	24	642.33	AC	650	64	FAIR	Y	ONE WAY

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM12264	CAROLINA AV	CORINTH AV	PADDOCK RD	26	407.93	AC	650	90	GOOD	Y	
HAM37329	CAROLINA AV	MATLOCK AV	TERM E OF MATLOCK AV	25	376.59	AC	633	77	SATISFACTORY	Y	
HAM40459	CAROLINA AV	OAKDALE AV	OBERLIN AV	26	525.68	AC	528	76	SATISFACTORY	Y	
HAM12384	CAROLINA AV	OBERLIN AV	MATLOCK AV	23	528.16	AC	366	79	SATISFACTORY	Y	
HAM12486	CAROLINA AV	PADDOCK RD	OAKDALE AV	26	580.96	AC	650	80	SATISFACTORY	Y	
HAM40482	CAROLINA AV	TERM W OF CORINTH AV	CORINTH AV	19	348.25	AC	650	76	SATISFACTORY	Y	
HAM06867	CAROTHERS ST	ROE ST	WHETSEL AV	11	879.25	AC	527	88	GOOD	Y	ONE WAY
HAM12197	CARPATHIA ST	LESTER RD	TERM E OF LESTER RD	15	224.66	AC	650	32	VERY POOR	Y	
HAM21556	CARPLIN PL	ALAMEDA PL	READING RD	31	486.99	AC	650	74	SATISFACTORY	Y	
HAM05833	CARPLIN PL	HARVEY AV	ALAMEDA PL	30	517.76	AC	650	69	FAIR	Y	
HAM08715	CARR ST	DALTON AV	W 7TH ST	31	383.68	AC	650	57	FAIR	Y	
HAM08721	CARR ST	SARGENT ST	W 6TH ST	31	525.44	AC	324	85	SATISFACTORY	Y	
HAM08713	CARR ST	W 7TH ST	W 8TH ST	31	328.60	AC	650	61	FAIR	Y	
HAM08720	CARR ST	W MEHRING WY	SARGENT ST	31	133.62	AC	650	70	FAIR	Y	
HAM11985	CARRAHEN AV	CARRAHEN CT	NEWFIELD AV	24	344.87	AC	547	76	SATISFACTORY	Y	
HAM11978	CARRAHEN AV	READING RD	CARRAHEN CT	24	398.05	AC	650	81	SATISFACTORY	Y	
HAM39689	CARRAHEN CT	TERM S OF CARRAHEN AV	CARRAHEN AV	24	187.91	AC	650	63	FAIR	Y	
HAM56538	CARREL ST	HOLBROOK AV	DUMONT ST	23	330.54	AC	650	85	SATISFACTORY	Y	
HAM06064	CARREL ST	KELLOGG AV	HOLBROOK AV	30	282.70	AC	650	63	FAIR	Y	
HAM07266	CARRIE AL	COATES AL	PULLAN AV	15	767.76		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM02152	CARSON AV	LACLEDE AV	GLENWAY AV	29	611.67	AC	650	64	FAIR	Y	
HAM01926	CARSON AV	WARSAW AV	LACLEDE AV	29	452.68	AC	650	47	POOR	Y	
HAM09867	CARSON AV	WESSELS LN	MAYFIELD AV	18	387.03	AC	650	46	POOR	Y	
HAM35305	CARTHAGE AV	VARELMAN AV	CINC|NOR CORPLINE	42	213.56	AC	304	34	VERY POOR	Y	
HAM37278	CARTHAGE CT	E SEYMOUR AV	TERM N OF E SEYMOUR AV	41	1091.72	AC	387	73	SATISFACTORY	Y	
HAM35915	CARY AV	BIRCHWOOD AV	TERM N OF BIRCHWOOD AV	24	211.35	AC	379	81	SATISFACTORY	Y	
HAM00425	CARY AV	CEDAR AV	MARLOWE AV	31	414.95	AC	281	82	SATISFACTORY	Y	
HAM00876	CARY AV	ELKTON PL	W NORTH BEND RD	30	417.55	AC	271	77	SATISFACTORY	Y	
HAM10934	CARY AV	HARBESON AV	BIRCHWOOD AV	24	301.48	AC	231	82	SATISFACTORY	Y	
HAM00804	CARY AV	MARLOWE AV	ELKTON PL	31	719.78	AC	162	66	FAIR	Y	
HAM00822	CARY AV	PEASLEE AV	HARBESON AV	23	302.37	AC	342	64	FAIR	Y	
HAM09471	CARY AV	W NORTH BEND RD	PEASLEE AV	24	1195.29	AC	304	48	POOR	Y	
HAM03735	CASA LOMA BLVD	GLENWAY AV	TERM W OF	25	207.61	AC	650	5	FAILED	Y	
HAM37101	CASEY DR	ASHTREE DR	TERM W OF ASHTREE DR	37	718.84	AC	338	94	GOOD	Y	
HAM02721	CASPER ST	CARLL ST	DENHAM ST	15	314.68	AC	650	44	POOR	Y	
HAM02731	CASPER ST	ST LEO PL	CARLL ST	19	729.61	AC	650	46	POOR	Y	
HAM29942	CASS AV	DREMAN AV	ELMORE ST	29	505.39	AC	650	70	FAIR	Y	
HAM29939	CASS AV	ELMORE ST	POWERS ST	30	573.64	AC	378	55	POOR	Y	
HAM29941	CASS AV	FARADAY RD	DREMAN AV	29	120.98	AC	650	59	FAIR	Y	
HAM29890	CASS AV	POWERS ST	HOFFNER ST	31	643.69	AC	550	66	FAIR	Y	
HAM19878	CASSATT ST	FLORA ST	RAVINE ST	25	329.33	AC	650	93	GOOD	Y	
HAM13184	CASTLE PL	VERONA AV	ERIE AV	21	407.92	AC	471	91	GOOD	Y	
HAM39135	CASTLETON PL	NORTHWOOD DR	TERM N OF NORTHWOOD DR	25	722.92	AC	316	85	SATISFACTORY	Y	
HAM20393	CASTLETON PL	SECTION RD	NORTHWOOD DR	21	352.15	AC	474	89	GOOD	Y	
HAM22975	CATALINA AV	HERMIT AV	RHODE ISLAND AV	25	777.75	AC	326	60	FAIR	Y	
HAM23921	CATALINA AV	PHANTOM AV	HERMIT AV	25	768.83	AC	465	74	SATISFACTORY	Y	
HAM37336	CATALINA AV	TERM W OF PHANTOM AV	PHANTOM AV	25	780.47	AC	294	76	SATISFACTORY	Y	
HAM11107	CATALPA RD	FERNBANK AV	OVERCLIFF RD	11	274.58	AC	650	74	SATISFACTORY	Y	
HAM11069	CATALPA RD	GRACELY DR	OVER LN	19	299.40	AC	612	93	GOOD	Y	
HAM11094	CATALPA RD	GRACELY DR	TOPINABEE RD	12	721.12	AC	260	91	GOOD	Y	
HAM11067	CATALPA RD	OVER LN	FERNBANK AV	17	290.90	AC	650	90	GOOD	Y	
HAM17671	CATHCART ST	BRADDOCK ST	ALLENHAM ST	10	83.80	AC	650	36	VERY POOR	Y	
HAM17560	CATHCART ST	RIVER RD	BRADDOCK ST	13	146.08	AC	650	43	POOR	Y	
HAM05839	CATHERINE ST	BURNET AV	HARVEY AV	27	616.03	AC	650	29	VERY POOR	Y	
HAM38492	CATLIN AL	LIBERTY HILL	TERM N OF LIBERTY HILL	10	224.00	BR	650	-1		Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM02828	CAVANAUGH AV	ATLIN AV	MCHENRY AV	27	1258.58	AC	404	38	VERY POOR	Y	
HAM02936	CAVANAUGH AV	HITCHENS AV	MCBREEN AV	31	899.27	AC	316	40	VERY POOR	Y	
HAM02763	CAVANAUGH AV	MCBREEN AV	ATLIN AV	27	421.74	AC	480	41	POOR	Y	
HAM12141	CAVOUR ST	BACH AV	MARBURG AV	30	335.15	AC	650	27	VERY POOR	Y	
HAM17718	CEDAR AL	BLUE ROCK AL	W 70TH ST	12	172.71	AC	650	89	GOOD	Y	ONE WAY
HAM07652	CEDAR AL	GRANITE AL	W 73RD ST	15	192.12	AC	650	70	FAIR	Y	ONE WAY
HAM07667	CEDAR AL	MARBLE AL	W 72ND ST	15	193.04	AC	650	87	GOOD	Y	ONE WAY
HAM00034	CEDAR AL	SANDSTONE AL	W NORTH BEND RD	14	190.01	AC	650	92	GOOD	Y	ONE WAY
HAM37079	CEDAR AL	TERM SW OF W 68TH ST	W 68TH ST	9	167.84	AC	650	25	SERIOUS	Y	
HAM07615	CEDAR AL	W 68TH ST	W 69TH ST	10	346.73	AC	650	91	GOOD	Y	ONE WAY
HAM17719	CEDAR AL	W 69TH ST	BLUE ROCK AL	10	180.80	AC	650	81	SATISFACTORY	Y	ONE WAY
HAM17723	CEDAR AL	W 70TH ST	W SEYMOUR AV	17	659.52	AC	650	66	FAIR	Y	ONE WAY
HAM07654	CEDAR AL	W 72ND ST	GRANITE AL	15	191.21	AC	650	49	POOR	Y	ONE WAY
HAM07685	CEDAR AL	W 73RD ST	SANDSTONE AL	14	195.05	AC	392	77	SATISFACTORY	Y	ONE WAY
HAM39624	CEDAR AL	W NORTH BEND RD	W 75TH ST	15	762.50	AC	650	27	VERY POOR	Y	ONE WAY
HAM07668	CEDAR AL	W SEYMOUR AV	MARBLE AL	15	194.06	AC	650	93	GOOD	Y	ONE WAY
HAM02268	CEDAR AV	ARGUS RD	ELSIE AV	36	396.71	AC	650	46	POOR	Y	
HAM00414	CEDAR AV	CARY AV	LATHROP PL	37	250.65	AC	308	43	POOR	Y	
HAM02274	CEDAR AV	ELSIE AV	LEFFINGWELL AV	36	531.24	AC	174	48	POOR	Y	
HAM00432	CEDAR AV	HAMILTON AV	CARY AV	37	1110.84	AC	258	55	POOR	Y	
HAM03291	CEDAR AV	KENNETH AV	ST ELMO AV	36	324.93	AC	256	45	POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM03287	CEDAR AV	LANTANA AV	SARANAC AV	37	353.72	AC	450	50	POOR	Y	
HAM01979	CEDAR AV	LATHROP PL	BELMONT AV	37	668.27	AC	324	48	POOR	Y	
HAM03293	CEDAR AV	LEFFINGWELL AV	KENNETH AV	36	348.87	AC	350	48	POOR	Y	
HAM03288	CEDAR AV	PIQUA AV	LANTANA AV	37	127.49	AC	650	55	POOR	Y	
HAM00430	CEDAR AV	SALVIA AV	HAMILTON AV	37	612.20	AC	240	44	POOR	Y	
HAM03285	CEDAR AV	SARANAC AV	SALVIA AV	37	344.90	AC	284	41	POOR	Y	
HAM03289	CEDAR AV	ST ELMO AV	PIQUA AV	37	220.63	AC	212	33	VERY POOR	Y	
HAM40891	CELERON AV	GILMORE AV	TERM E OF GILMORE AV	24	316.64	AC	650	52	POOR	Y	
HAM37338	CELERON AV	TERM W OF GILMORE AV	GILMORE AV	24	292.35	AC	650	62	FAIR	Y	
HAM40893	CELERON AV	TERM W OF SAGOLA PL	SAGOLA PL	20	157.41	AC	650	75	SATISFACTORY	Y	
HAM27654	CELESTIAL ST	FILSON PL	JEROME ST	29	318.47	AC	619	41	POOR	Y	
HAM27693	CELESTIAL ST	JEROME ST	MONASTERY ST	30	866.66	AC	306	48	POOR	Y	
HAM27655	CELESTIAL ST	RIVERVIEW PL	FILSON PL	31	220.81	AC	610	44	POOR	Y	
HAM27707	CELESTIAL ST		RIVERVIEW PL	8	551.19		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM07590	CENTER HILL AV	CINC|ELMWPL CORPLINE	ESTE AV	42	1061.34	AC	505	61	FAIR	Y	
HAM09542	CENTER HILL AV	ESTE AV	HIGHLAND RIDGE DR	34	1474.83	AC	247	70	FAIR	Y	
HAM41021	CENTER HILL AV	HIGHLAND RIDGE DR	TOWNEVISTA DR	54	5739.47	AC	227	54	POOR	Y	
HAM14884	CENTER HILL AV	TOWNEVISTA DR	W NORTH BEND RD	56	824.01	AC	269	58	FAIR	Y	
HAM08299	CENTRAL AV	BAUER AV	W LIBERTY ST	37	215.29	AC	650	95	GOOD	Y	
HAM20046	CENTRAL AV	BAYMILLER ST	FREEMAN AV	40	623.79	AC	451	44	POOR	Y	
HAM20049	CENTRAL AV	BRIGHTON PL	BRIGHTON BRIDGE APPROACH	40	117.86	AC	650	74	SATISFACTORY	Y	
HAM25909	CENTRAL AV	CHARLES ST	CHESTNUT ST	37	149.22	AC	310	49	POOR	Y	ONE WAY
HAM11685	CENTRAL AV	CHARLOTTE ST	YORK ST	37	125.00	AC	220	58	FAIR	Y	
HAM25908	CENTRAL AV	CHESTNUT ST	W 12TH ST	34	94.78	AC	271	61	FAIR	Y	ONE WAY
HAM25910	CENTRAL AV	CLARK ST	EZZARD CHARLES DR	34	517.58	AC	650	61	FAIR	Y	ONE WAY
HAM08271	CENTRAL AV	DAYTON ST	HORACE ST	35	134.75	AC	233	57	FAIR	Y	
HAM25923	CENTRAL AV	ELIZABETH ST	CHARLES ST	37	100.23	AC	296	50	POOR	Y	ONE WAY
HAM08987	CENTRAL AV	EZZARD CHARLES DR	W 14TH ST	36	196.19	AC	340	94	GOOD	Y	
HAM10748	CENTRAL AV	FINDLAY ST	LURCH AL	37	134.96	AC	644	74	SATISFACTORY	Y	
HAM20045	CENTRAL AV	FREEMAN AV	KINDEL AV	38	251.03	AC	355	58	FAIR	Y	
HAM09015	CENTRAL AV	FUGATE AL	WADE ST	37	98.14		-1	-1		N	DOES NOT EXIST
HAM08270	CENTRAL AV	HORACE ST	WHITEMAN ST	37	234.59	AC	416	72	SATISFACTORY	Y	
HAM20048	CENTRAL AV	KINDEL AV	BRIGHTON PL	40	121.25	AC	650	51	POOR	Y	
HAM10386	CENTRAL AV	LINN ST	BAYMILLER ST	42	958.05	AC	352	53	POOR	Y	
HAM10749	CENTRAL AV	LIVINGSTON ST	FINDLAY ST	38	228.47	AC	209	72	SATISFACTORY	Y	
HAM08279	CENTRAL AV	LURCH AL	CHARLOTTE ST	37	132.96	AC	159	53	POOR	Y	
HAM28102	CENTRAL AV	MCFARLAND ST	W 4TH ST	60	234.79	AC	452	81	SATISFACTORY	Y	
HAM28082	CENTRAL AV	MEHRING WY	W PETE ROSE WY	66	762.35	PCC	507	79	SATISFACTORY	Y	
HAM30652	CENTRAL AV	OLIVER ST	POPLAR ST	38	233.08	AC	210	58	FAIR	Y	
HAM27607	CENTRAL AV	PERRY ST	W 5TH ST	59	228.73	AC	650	70	FAIR	Y	
HAM10751	CENTRAL AV	POPLAR ST	LIVINGSTON ST	37	227.12	AC	176	62	FAIR	Y	
HAM25907	CENTRAL AV	W 12TH ST	CLARK ST	36	137.88	AC	228	54	POOR	Y	ONE WAY
HAM32218	CENTRAL AV	W 14TH ST	W 15TH ST	34	167.51	AC	528	95	GOOD	Y	
HAM28099	CENTRAL AV	W 3RD ST	MCFARLAND ST	60	230.07	AC	495	77	SATISFACTORY	Y	
HAM27608	CENTRAL AV	W 4TH ST	PERRY ST	61	232.36	AC	650	75	SATISFACTORY	Y	
HAM27606	CENTRAL AV	W 5TH ST	W 6TH ST	58	505.39	AC	578	68	FAIR	Y	
HAM26008	CENTRAL AV	W 6TH ST	W 7TH ST	46	415.00	AC	650	54	POOR	Y	
HAM26006	CENTRAL AV	W 7TH ST	W 8TH ST	53	364.42	AC	368	53	POOR	Y	ONE WAY
HAM30667	CENTRAL AV	W 8TH ST	W 9TH ST	52	264.07	AC	650	53	POOR	Y	ONE WAY
HAM26018	CENTRAL AV	W 9TH ST	RICHMOND ST	65	173.39	AC	222	75	SATISFACTORY	Y	ONE WAY
HAM26031	CENTRAL AV	W COURT ST	ELIZABETH ST	37	408.36	AC	650	46	POOR	Y	ONE WAY
HAM28089	CENTRAL AV	W PETE ROSE WY	W 3RD ST	62	562.82	AC	650	83	SATISFACTORY	Y	
HAM08304	CENTRAL AV	WADE ST	BAUER AV	37	199.17	AC	395	95	GOOD	Y	
HAM10383	CENTRAL AV	WHITEMAN ST	LINN ST	36	262.45	AC	314	78	SATISFACTORY	Y	ONE WAY
HAM08319	CENTRAL AV	YORK ST	DAYTON ST	36	450.30	AC	238	60	FAIR	Y	
HAM53459	CENTRAL PKWY	ADRIAN AL	MAGNOLIA ST	44	117.17	AC	78	95	GOOD	Y	
HAM27287	CENTRAL PKWY	BATES AV	MONMOUTH AV	61	1386.71	AC	170	52	POOR	Y	
HAM27373	CENTRAL PKWY	BRIGHTON PL	W MCMILLAN ST	52	938.44	AC	173	72	SATISFACTORY	Y	
HAM19176	CENTRAL PKWY	CENTRAL AV	RAVINE ST	63	449.48	AC	265	75	SATISFACTORY	Y	
HAM30664	CENTRAL PKWY	CHARLES ST	W 12TH ST	44	262.83	AC	154	77	SATISFACTORY	Y	
HAM53071	CENTRAL PKWY	CHARLES ST	GANDOLFO AL	45	112.20	AC	650	74	SATISFACTORY	Y	
HAM19092	CENTRAL PKWY	CHARLOTTE ST	STARK ST	60	1274.85	AC	122	78	SATISFACTORY	Y	
HAM62322	CENTRAL PKWY	CLIFTON HILLS AV	COLLEGE DR	50	778.39	AC	163	52	POOR	Y	
HAM63951	CENTRAL PKWY	COLLEGE DR	LUDLOW AV TO CENTRAL PKWY RAMP	61	1770.50	AC	175	47	POOR	Y	
HAM19097	CENTRAL PKWY	ETON PL	CHARLOTTE ST	65	124.40	AC	88	82	SATISFACTORY	Y	
HAM19120	CENTRAL PKWY	EZZARD CHARLES DR	W 14TH ST	46	238.87	AC	462	95	GOOD	Y	
HAM53075	CENTRAL PKWY	EZZARD CHARLES DR	W 14TH ST	47	233.50	AC	559	95	GOOD	Y	
HAM19204	CENTRAL PKWY	FINDLAY ST	ETON PL	65	151.61	AC	140	76	SATISFACTORY	Y	
HAM53077	CENTRAL PKWY	GALENA AL	W 15TH ST	56	155.69	AC	106	95	GOOD	Y	
HAM53072	CENTRAL PKWY	GANDOLFO AL	W 12TH ST	45	144.33	AC	237	81	SATISFACTORY	Y	
HAM25905	CENTRAL PKWY	GRANT ST	EZZARD CHARLES DR	72	425.35	AC	650	61	FAIR	Y	
HAM27342	CENTRAL PKWY	HALLMAR AV	MARSHALL AV	60	381.55	AC	338	63	FAIR	Y	
HAM53081	CENTRAL PKWY	KEMP AL	W LIBERTY ST	85	191.32	AC	650	91	GOOD	Y	
HAM19121	CENTRAL PKWY	MAGNOLIA ST	WHETSEL AL	52	114.47	AC	118	95	GOOD	Y	
HAM27344	CENTRAL PKWY	MARSHALL AV	W MARTIN LUTHER KING JR DR	52	2248.93	AC	163	65	FAIR	Y	
HAM59432	CENTRAL PKWY	MONMOUTH AV	CLIFTON HILLS AV	30	1434.16	AC	200	61	FAIR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM53079	CENTRAL PKWY	ODEON ST	WADE ST	58	234.67	AC	138	79	SATISFACTORY	Y	
HAM20097	CENTRAL PKWY	RAVINE ST	BRIGHTON PL	61	1688.99	AC	131	81	SATISFACTORY	Y	
HAM25906	CENTRAL PKWY	SHUTE AL	GRANT ST	70	114.52	AC	195	64	FAIR	Y	
HAM25901	CENTRAL PKWY	W 12TH ST	SHUTE AL	54	140.24	AC	260	63	FAIR	Y	
HAM53073	CENTRAL PKWY	W 12TH ST	EZZARD CHARLES DR	45	689.22	AC	224	69	FAIR	Y	
HAM32214	CENTRAL PKWY	W 14TH ST	ADRIAN AL	45	133.82	AC	129	95	GOOD	Y	
HAM53076	CENTRAL PKWY	W 14TH ST	GALENA AL	56	341.11	AC	214	95	GOOD	Y	
HAM53078	CENTRAL PKWY	W 15TH ST	ODEON ST	44	274.49	AC	104	95	GOOD	Y	
HAM25904	CENTRAL PKWY	W CENTRAL PKWY	CHARLES ST	45	235.78	AC	335	75	SATISFACTORY	Y	
HAM53069	CENTRAL PKWY	W CENTRAL PKWY	CHARLES ST	44	164.20	AC	205	80	SATISFACTORY	Y	
HAM19205	CENTRAL PKWY	W ELDER ST	FINDLAY ST	61	423.97	AC	113	83	SATISFACTORY	Y	
HAM30654	CENTRAL PKWY	W LIBERTY ST	W ELDER ST	60	631.93	AC	535	70	FAIR	Y	
HAM27327	CENTRAL PKWY	W MARTIN LUTHER KING JR DR	BATES AV	60	984.50	AC	148	93	GOOD	Y	
HAM27385	CENTRAL PKWY	W MCMILLAN ST	HALLMAR AV	50	2699.52	AC	121	70	FAIR	Y	
HAM19093	CENTRAL PKWY	WADE ST	W LIBERTY ST	44	299.59	AC	131	95	GOOD	Y	
HAM53080	CENTRAL PKWY	WADE ST	KEMP AL	61	117.56	AC	142	87	GOOD	Y	
HAM19119	CENTRAL PKWY	WHETSEL AL	W 15TH ST	57	124.67	AC	168	93	GOOD	Y	
HAM39004	CENTURY LN	KREIS LN	TERM NW OF KREIS LN	25	573.96	AC	429	77	SATISFACTORY	Y	
HAM19952	CEYLON AL	ORTIZ AL	W MCMILLAN ST	4	159.54		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM19961	CEYLON AL	PITT AL	ORTIZ AL	3	145.68		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM38379	CHALFONTE PL	TERM W OF READING RD	READING RD	30	698.55	AC	650	46	POOR	Y	
HAM39507	CHALLEN ST	TERM S OF WARDALL AV	WARDALL AV	17	276.79	AC	650	46	POOR	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM07534	CHAMBERS ST	APJONES ST	PULLAN AV	29	348.70	AC	307	95	GOOD	Y	
HAM07522	CHAMBERS ST	BOYD ST	KNOWLTON ST	29	303.77	AC	332	95	GOOD	Y	
HAM07515	CHAMBERS ST	CHASE AV	APJONES ST	28	656.32	AC	279	95	GOOD	Y	
HAM07520	CHAMBERS ST	KNOWLTON ST	LUDLOW PL	30	371.68	AC	272	95	GOOD	Y	
HAM07517	CHAMBERS ST	LUDLOW PL	SHALE AL	30	124.72	AC	582	95	GOOD	Y	
HAM07516	CHAMBERS ST	SHALE AL	CHASE AV	31	162.37	AC	449	91	GOOD	Y	
HAM07506	CHAMBERS ST	SPRING GROVE AV	BOYD ST	30	284.98	AC	293	95	GOOD	Y	
HAM09855	CHAMPLAIN ST	TILLIE AV	TERM NW OF TILLIE AV	15	493.86	AC	650	91	GOOD	Y	
HAM00573	CHANDLER ST	ANDERSON PL	DORA ST	31	192.42	AC	158	95	GOOD	Y	
HAM13065	CHANDLER ST	CHAPMAN ST	WELTNER ST	31	474.72	AC	352	39	VERY POOR	Y	
HAM00574	CHANDLER ST	DORA ST	STEWART AV	30	339.95	AC	650	95	GOOD	Y	
HAM00488	CHANDLER ST	EBERSOLE AV	RAVENNA ST	30	468.61	AC	172	95	GOOD	Y	
HAM33945	CHANDLER ST	GLENSHADE AV	GLENSHADE CT	30	194.75	AC	366	39	VERY POOR	Y	
HAM13240	CHANDLER ST	GLENSHADE CT	KENWOOD RD	30	338.46	AC	650	41	POOR	Y	
HAM13244	CHANDLER ST	KENWOOD RD	UNNAMED AL	23	246.58	AC	650	40	VERY POOR	Y	
HAM13064	CHANDLER ST	OWASCO ST	CHAPMAN ST	31	324.61	AC	436	34	VERY POOR	Y	
HAM00504	CHANDLER ST	RAVENNA ST	WHETSEL AV	30	356.66	AC	383	95	GOOD	Y	
HAM13250	CHANDLER ST	ROANOKE ST	TERM E OF ROANOKE ST	8	156.90	AC	650	39	VERY POOR	Y	
HAM00575	CHANDLER ST	STEWART AV	EBERSOLE AV	30	370.69	AC	538	95	GOOD	Y	
HAM50181	CHANDLER ST	TERM W OF ANDERSON PL	ANDERSON PL	30	93.18	AC	550	95	GOOD	Y	
HAM00528	CHANDLER ST	UNNAMED AL	WARD ST	30	165.95	AC	258	95	GOOD	Y	
HAM13245	CHANDLER ST	UNNAMED AL	ROANOKE ST	21	205.71	AC	614	63	FAIR	Y	
HAM00505	CHANDLER ST	WARD ST	OWASCO ST	31	242.70	AC	386	32	VERY POOR	Y	
HAM13066	CHANDLER ST	WELTNER ST	GLENSHADE AV	31	140.25	AC	276	37	VERY POOR	Y	
HAM00527	CHANDLER ST	WHETSEL AV	UNNAMED AL	30	181.68	AC	650	90	GOOD	Y	
HAM27893	CHANNING ST	ELIJAH AL	HIGHLAND AV	28	123.25	AC	650	87	GOOD	Y	
HAM33561	CHANNING ST	YOUNG ST	ELIJAH AL	28	646.90	AC	650	94	GOOD	Y	
HAM21560	CHAPEL ST	ALMS PL	PRESTON ST	32	291.86	AC	351	93	GOOD	Y	
HAM38436	CHAPEL ST	ASHLAND AV	TERM SE OF ASHLAND AV	26	663.77	AC	306	80	SATISFACTORY	Y	
HAM21525	CHAPEL ST	GILBERT AV	MONFORT ST	29	347.11	AC	650	94	GOOD	Y	
HAM21577	CHAPEL ST	MADISON RD	WOODBURN AV	35	816.75	AC	582	62	FAIR	Y	PARTIALLY ONE WAY
HAM21526	CHAPEL ST	MONFORT ST	SEMINARY PL	31	233.90	AC	141	94	GOOD	Y	
HAM21524	CHAPEL ST	PARK AV	ALMS PL	29	463.87	AC	318	93	GOOD	Y	
HAM38432	CHAPEL ST	PRESTON ST	TERM E OF PRESTON ST	29	208.46	AC	650	88	GOOD	Y	
HAM21507	CHAPEL ST	SEMINARY PL	PARK AV	31	151.14	AC	272	93	GOOD	Y	
HAM02899	CHAPELRIDGE DR	MISSION LN	STONE CHAPEL LN	28	668.34	AC	175	95	GOOD	Y	
HAM02179	CHAPELRIDGE DR	STONE CHAPEL LN	RAEBURN DR	28	664.00	AC	269	95	GOOD	Y	
HAM37898	CHAPELRIDGE DR	TERM E OF MISSION LN	MISSION LN	27	185.57	AC	650	93	GOOD	Y	
HAM13109	CHAPMAN ST	CHANDLER ST	MANUEL ST	24	395.66	AC	401	82	SATISFACTORY	Y	
HAM13094	CHAPMAN ST	DESMOND ST	UNNAMED AL	24	179.79	AC	559	46	POOR	Y	
HAM13108	CHAPMAN ST	MANUEL ST	ALPHA ST	23	341.87	AC	650	64	FAIR	Y	
HAM00514	CHAPMAN ST	SIERRA ST	UNNAMED AL	29	179.45	AC	650	45	POOR	Y	
HAM13067	CHAPMAN ST	UNNAMED AL	CHANDLER ST	24	192.82	AC	470	45	POOR	Y	
HAM13073	CHAPMAN ST	UNNAMED AL	DESMOND ST	29	184.36	AC	650	53	POOR	Y	
HAM09806	CHARLEMAR DR	KELSCH LN	MADISON RD	24	338.61	AC	650	89	GOOD	Y	
HAM39668	CHARLEMAR DR	SPORT DOG DR	KELSCH LN	24	750.49	AC	650	91	GOOD	Y	
HAM30659	CHARLES ST	CENTRAL PKWY	CENTRAL AV	23	409.05	AC	650	75	SATISFACTORY	Y	
HAM25776	CHARLES ST	ELM ST	SHORT AL	19	212.30	AC	650	96	GOOD	Y	
HAM25777	CHARLES ST	SHORT AL	CENTRAL PKWY	19	210.48	AC	650	89	GOOD	Y	
HAM39685	CHARLOE CT	CHARLOE ST	TERM E OF CHARLOE ST	24	619.33	AC	650	78	SATISFACTORY	Y	
HAM61751	CHARLOE ST	ANIOTON CT	TERM N OF	25	126.96	AC	650	78	SATISFACTORY	Y	
HAM30091	CHARLOE ST	CHARLOE CT	KANAUGA ST	24	474.47	AC	427	53	POOR	Y	
HAM30089	CHARLOE ST	KANAUGA ST	ANIOTON CT	24	331.87	AC	370	69	FAIR	Y	
HAM30083	CHARLOE ST	SAGUIN ST	CHARLOE CT	25	371.59	AC	634	49	POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM30078	CHARLOE ST	SHAWANOE TRL	SAGUIN ST	24	692.07	AC	507	47	POOR	Y	
HAM27450	CHARLOTTE ST	BAYMILLER ST	PINK AL	19	486.42	AC	650	30	VERY POOR	Y	
HAM08367	CHARLOTTE ST	CENTRAL AV	KUHFERS AL	12	125.70	BR	650	-1		Y	
HAM08423	CHARLOTTE ST	CENTRAL PKWY	TIERNAN AL	24	213.50	AC	650	58	FAIR	Y	
HAM08363	CHARLOTTE ST	JOHN ST	SNYDER AL	15	119.88	BR	650	-1		Y	
HAM08400	CHARLOTTE ST	KUHFERS AL	JOHN ST	14	282.56	BR	650	-1		Y	
HAM08277	CHARLOTTE ST	LINN ST	BAYMILLER ST	19	591.77	AC	650	31	VERY POOR	Y	ONE WAY
HAM08362	CHARLOTTE ST	SNYDER AL	KEYWITT AL	15	356.22	BR	650	-1		Y	
HAM08366	CHARLOTTE ST	TIERNAN AL	CENTRAL AV	23	123.58	AC	650	59	FAIR	Y	
HAM38732	CHARWOOD CT	TERM E OF CYCLORAMA DR	CYCLORAMA DR	25	433.28	AC	650	91	GOOD	Y	
HAM07415	CHASE AV	APPLE ST	TURRILL ST	36	237.76	AC	237	84	SATISFACTORY	Y	
HAM52528	CHASE AV	BADGELEY CIR	BADGELEY CIR	20	206.75	AC	650	68	FAIR	Y	
HAM56592	CHASE AV	BADGELEY CIR	LAMBSTON ST	29	364.77	AC	554	80	SATISFACTORY	Y	
HAM07276	CHASE AV	BALTZER AL	LANGLAND ST	38	141.39	AC	128	90	GOOD	Y	
HAM07273	CHASE AV	BROOKSIDE AV	INGOL AL	36	94.98	AC	221	98	GOOD	Y	
HAM07530	CHASE AV	CHAMBERS ST	MAD ANTHONY ST	37	399.45	AC	126	83	SATISFACTORY	Y	
HAM07412	CHASE AV	CHERRY ST	DELANEY ST	37	274.55	AC	224	84	SATISFACTORY	Y	
HAM07529	CHASE AV	DANE AV	CHAMBERS ST	34	404.59	AC	332	90	GOOD	Y	
HAM07411	CHASE AV	DELANEY ST	LAKEMAN ST	36	120.32	AC	484	83	SATISFACTORY	Y	
HAM07280	CHASE AV	FERGUS ST	WILLIAMSON PL	34	261.04	AC	211	81	SATISFACTORY	Y	
HAM07451	CHASE AV	FLORIDA AV	GEORGIA AV	37	250.00	AC	198	80	SATISFACTORY	Y	
HAM07450	CHASE AV	GEORGIA AV	JEROME AV	37	248.75	AC	139	54	POOR	Y	
HAM07400	CHASE AV	GORDON ST	KIRBY AV	36	250.81	AC	366	88	GOOD	Y	
HAM07416	CHASE AV	HAMILTON AV	APPLE ST	35	164.98	AC	350	84	SATISFACTORY	Y	
HAM07271	CHASE AV	INGOL AL	HAMILTON AV	36	154.40	AC	461	95	GOOD	Y	
HAM07383	CHASE AV	JEROME AV	VIRGINIA AV	37	140.86	AC	269	83	SATISFACTORY	Y	
HAM07397	CHASE AV	KIRBY AV	FLORIDA AV	36	305.38	AC	401	84	SATISFACTORY	Y	
HAM07410	CHASE AV	LAKEMAN ST	WITLER ST	36	243.43	AC	192	84	SATISFACTORY	Y	
HAM56593	CHASE AV	LAMBSTON ST	LEEPER ST	32	135.16	AC	650	80	SATISFACTORY	Y	
HAM07275	CHASE AV	LANGLAND ST	BROOKSIDE AV	36	277.15	AC	202	75	SATISFACTORY	Y	
HAM07279	CHASE AV	MAD ANTHONY ST	FERGUS ST	35	240.05	AC	356	85	SATISFACTORY	Y	
HAM07405	CHASE AV	PITTS AV	GORDON ST	37	378.23	AC	205	81	SATISFACTORY	Y	
HAM07524	CHASE AV	TERM E OF DANE AV	DANE AV	36	538.36	AC	328	90	GOOD	Y	
HAM07414	CHASE AV	TURRILL ST	CHERRY ST	37	248.76	AC	222	73	SATISFACTORY	Y	
HAM07393	CHASE AV	VIRGINIA AV	BADGELEY CIR	25	355.22	AC	317	83	SATISFACTORY	Y	
HAM07278	CHASE AV	WILLIAMSON PL	BALTZER AL	37	124.15	AC	228	84	SATISFACTORY	Y	
HAM07407	CHASE AV	WITLER ST	PITTS AV	37	240.19	AC	354	85	SATISFACTORY	Y	
HAM02336	CHATEAU AV	PRICE AV	MARYLAND AV	30	865.75	AC	650	62	FAIR	Y	
HAM39204	CHATEAU AV	TERM S OF W 8TH ST	W 8TH ST	31	282.82	AC	650	81	SATISFACTORY	Y	
HAM02342	CHATEAU AV	W 8TH ST	PRICE AV	30	419.73	AC	650	67	FAIR	Y	
HAM26177	CHATHAM ST	E MCMILLAN ST	WILLIAM H TAFT RD	30	564.84	AC	650	100	GOOD	Y	
HAM00336	CHELSEA PL	REVERE AV	HILLSIDE AV	19	816.97	AC	566	44	POOR	Y	
HAM38885	CHEREVILLA LN	TERM S OF WILLNET DR	WILLNET DR	24	805.06	AC	408	60	FAIR	Y	
HAM11118	CHEROKEE AV	GRACELY DR	PARKLAND AV	15	305.07	AC	650	37	VERY POOR	Y	
HAM11129	CHEROKEE AV	HOME CITY AV	SAYLER AV	30	332.45	AC	479	71	SATISFACTORY	Y	
HAM11114	CHEROKEE AV	JERSEY AV	HOME CITY AV	29	355.93	AC	336	50	POOR	Y	
HAM38603	CHERRY ST	BLUE ROCK ST	TERM N OF BLUE ROCK ST	29	246.91	AC	650	44	POOR	Y	
HAM09497	CHERRY ST	BLUM AL	PULLAN AV	31	545.73	AC	650	34	VERY POOR	Y	
HAM29472	CHERRY ST	BURGOYNE ST	POWERS ST	24	199.13	AC	646	57	FAIR	Y	
HAM09495	CHERRY ST	CHASE AV	BLUM AL	31	149.23	AC	650	49	POOR	Y	
HAM07466	CHERRY ST	COOPER ST	HOFFNER ST	25	301.31	AC	472	30	VERY POOR	Y	
HAM07468	CHERRY ST	HOFFNER ST	VINT AL	30	161.00	AC	523	48	POOR	Y	
HAM07465	CHERRY ST	MARBLE AL	BLUE ROCK ST	29	160.22	AC	650	44	POOR	Y	
HAM29466	CHERRY ST	POWERS ST	COOPER ST	25	302.19	AC	546	47	POOR	Y	
HAM07469	CHERRY ST	VINT AL	MARBLE AL	30	321.12	AC	483	40	VERY POOR	Y	
HAM35919	CHERRYWOOD CT	BRUSHWOOD AV	TERM NE OF BRUSHWOOD AV	24	818.31	AC	495	37	VERY POOR	Y	
HAM27227	CHESTER AV	CLIFTON AV	STATION AV	29	483.80	AC	650	40	VERY POOR	Y	
HAM37413	CHESTERFIELD CT	TERM E OF SHADYMIST LN	SHADYMIST LN	24	280.95	AC	650	74	SATISFACTORY	Y	
HAM25768	CHESTNUT ST	CENTRAL AV	JOHN ST	25	452.61	AC	650	67	FAIR	Y	ONE WAY
HAM30630	CHESTNUT ST	CUTTER ST	RUHR WY	19	142.94	AC	650	77	SATISFACTORY	Y	ONE WAY
HAM25773	CHESTNUT ST	JOHN ST	MOUND ST	25	242.24	AC	650	52	POOR	Y	ONE WAY
HAM30897	CHESTNUT ST	RHINE WY	LINN ST	20	156.71	AC	650	81	SATISFACTORY	Y	ONE WAY
HAM30898	CHESTNUT ST	RUHR WY	RHINE WY	25	380.11	AC	312	87	GOOD	Y	ONE WAY
HAM15480	CHEVIOT AV	DAYTONA AV	PENROSE PL	30	329.38	AC	650	72	SATISFACTORY	Y	
HAM15849	CHEVIOT AV	EVERGREEN AV	MOZART AV	32	429.03	AC	283	76	SATISFACTORY	Y	
HAM15832	CHEVIOT AV	HERBERT AV	EVERGREEN AV	30	597.72	AC	211	67	FAIR	Y	
HAM15535	CHEVIOT AV	MONTANA AV	HERBERT AV	30	710.24	AC	369	64	FAIR	Y	
HAM15825	CHEVIOT AV	MOTOR LN	GAMBLE AV	30	143.29	AC	228	52	POOR	Y	
HAM15824	CHEVIOT AV	MOZART AV	MOTOR LN	30	139.16	AC	650	39	VERY POOR	Y	
HAM15534	CHEVIOT AV	PENROSE PL	MONTANA AV	31	533.30	AC	266	56	FAIR	Y	
HAM20418	CHEYENNE DR	ELM VIEW PL	TOWANDA TER	24	1074.95	AC	650	82	SATISFACTORY	Y	
HAM37192	CHEYENNE DR	TERM W OF ELM VIEW PL	ELM VIEW PL	24	183.98	AC	650	82	SATISFACTORY	Y	
HAM19847	CHICKASAW ST	PRODUCTION PLAZA	WARNER ST	13	324.73	AC	650	70	FAIR	Y	
HAM21379	CHICKASAW ST	VOCKELL LN	W MCMILLAN ST	30	143.71	AC	650	67	FAIR	Y	
HAM33133	CHICKASAW ST	WARNER ST	VOCKELL LN	29	987.54	AC	439	68	FAIR	Y	
HAM18117	CHICKERING AV	BURR OAK ST	TERM N OF BURR OAK ST	22	474.96	AC	335	87	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM18106	CHICKERING AV	EAST EPWORTH AV	BURR OAK ST	22	296.89	AC	277	86	GOOD	Y	
HAM18110	CHICKERING AV	ESTE AV	FLATT TER	22	316.89	AC	650	84	SATISFACTORY	Y	
HAM18107	CHICKERING AV	FLATT TER	EAST EPWORTH AV	22	262.49	AC	352	81	SATISFACTORY	Y	
HAM18124	CHICKERING AV	SPRING GROVE AV	ESTE AV	30	1322.76	AC	650	70	FAIR	Y	
HAM06599	CHIPPEWA ST	HIDDEN ST	ROE ST	13	272.80	AC	650	20	SERIOUS	Y	
HAM09154	CHURCH PL	BEECHMONT AV	LINWOOD AV	37	609.59	AC	650	89	GOOD	Y	ONE WAY
HAM11803	CHURCH ST	TERM S OF ST MICHAEL ST	ST MICHAEL ST	30	191.21	AC	650	40	VERY POOR	Y	
HAM39596	CHURCHILL AV	TERM W OF MENTOR AV	MENTOR AV	25	364.91	AC	650	68	FAIR	Y	
HAM36159	CINDY LN	W NORTH BEND RD	TERM N OF W NORTH BEND RD	25	558.51	AC	650	58	FAIR	Y	
HAM32034	CINNAMON ST	MADISON RD	FAIRFAX AV	24	752.44	AC	270	95	GOOD	Y	
HAM00091	CIRCLE AV	DARROW AV	DERBY AV	25	455.13	AC	650	59	FAIR	Y	
HAM09465	CIRCLE AV	DARROW AV	STATION AV	24	249.22	AC	535	54	POOR	Y	
HAM09464	CIRCLE AV	STATION AV	WINTON RD	23	483.79	AC	386	42	POOR	Y	
HAM00342	CIST ST	HILLSIDE AV	OTTAWA ST	13	182.95	AC	650	90	GOOD	Y	
HAM00341	CIST ST	OTTAWA ST	BENVUE ST	14	162.72		-1	-1		N	BLOCKED BY BARRICADE
HAM27873	CITY STEPS	LIBERTY HILL	READING RD	4	312.89		-1	-1		N	ALLEY / BOOTS ON THE GROUND / STAIRCASE
HAM19906	CITY VIEW PL	TERM E OF RAVINE ST	RAVINE ST	24	168.82	AC	650	84	SATISFACTORY	Y	UNCOLLECTED PORTION STAIRCASE
HAM65238	CITYCENTRE DR	ANTHONY WAYNE AV	TERM E OF	33	184.38	AC	650	46	POOR	Y	
HAM34439	CITYSCAPE W DR	GRAND AV	MURDOCK AV	18	533.03	AC	649	83	SATISFACTORY	Y	
HAM30336	CLANORA DR	DELRIDGE DR	LOUBELL LN	20	808.06	AC	459	37	VERY POOR	Y	
HAM03318	CLANORA DR	LOUBELL LN	W 8TH ST	21	362.89	AC	650	40	VERY POOR	Y	
HAM33843	CLARA ST	TERM S OF NORTHSIDE AV	NORTHSIDE AV	21	393.15	AC	650	94	GOOD	Y	
HAM12177	CLARAMONT AV	KILBOURNE AV	MARBURG AV	20	723.09	AC	598	45	POOR	Y	
HAM26440	CLAREWOOD AV	WOODBURN AV	GREENLAWN AV	25	517.82	AC	650	50	POOR	Y	
HAM12314	CLARION AV	BEVIS AV	WABASH AV	29	318.07	AC	261	79	SATISFACTORY	Y	
HAM32076	CLARION AV	BROOKS AV	DANA AV	31	527.45	AC	520	72	SATISFACTORY	Y	
HAM26387	CLARION AV	MONTGOMERY RD	BROOKS AV	30	374.52	AC	650	75	SATISFACTORY	Y	
HAM26388	CLARION AV	MONTGOMERY RD	TRIMBLE AV	30	878.47	AC	650	52	POOR	Y	
HAM12313	CLARION AV	TRIMBLE AV	BEVIS AV	29	352.97	AC	521	71	SATISFACTORY	Y	
HAM12315	CLARION AV	WABASH AV	EVANSTON AV	30	319.16	AC	503	74	SATISFACTORY	Y	
HAM25766	CLARK ST	CENTRAL AV	TRUMAN AL	32	330.54	AC	560	37	VERY POOR	Y	
HAM27512	CLARK ST	CUTTER ST	LINN ST	35	678.20	AC	534	56	FAIR	Y	
HAM25782	CLARK ST	JOHN ST	MOUND ST	30	173.15	AC	650	54	POOR	Y	
HAM38641	CLARK ST	LINN ST	TERM W OF LINN ST	33	212.36	AC	532	50	POOR	Y	
HAM25764	CLARK ST	MILO AL	WESLEY AV	29	163.50	AC	290	44	POOR	Y	
HAM25765	CLARK ST	MOUND ST	MILO AL	30	139.70	AC	361	45	POOR	Y	
HAM55645	CLARK ST	TRUMAN AL	JOHN ST	32	134.99	AC	650	44	POOR	Y	
HAM31904	CLARK ST	WESLEY AV	CUTTER ST	39	288.36	AC	650	39	VERY POOR	Y	
HAM39180	CLARKWOOD PL	ERIE AV	TERM N OF ERIE AV	18	235.98	AC	650	63	FAIR	Y	
HAM38261	CLAUDIA CT	TERM S OF RAYTEE TER	RAYTEE TER	24	686.13	AC	393	92	GOOD	Y	
HAM20317	CLAY ST	DRUM AL	E 14TH ST	25	421.77	AC	370	95	GOOD	Y	
HAM09071	CLAY ST	E 12TH ST	E 13TH ST	33	424.43	AC	650	49	POOR	Y	
HAM09053	CLAY ST	E 13TH ST	DRUM AL	25	134.64	AC	650	56	FAIR	Y	
HAM20316	CLAY ST	E 14TH ST	MELINDY ST	25	288.08	AC	583	93	GOOD	Y	
HAM09055	CLAY ST	E CENTRAL PKWY	WILKYMACKY AL	20	277.31	AC	650	95	GOOD	Y	ONE WAY
HAM09054	CLAY ST	WILKYMACKY AL	E 12TH ST	17	113.92	AC	566	87	GOOD	Y	ONE WAY
HAM30972	CLAYERS LN	BARTON DR	DAVID ST	18	111.25	AC	650	87	GOOD	Y	
HAM30874	CLAYERS LN	BETTON ST	LOWE DR	18	111.00	AC	650	75	SATISFACTORY	Y	
HAM30973	CLAYERS LN	DAVID ST	HULSE DR	17	108.75	AC	650	79	SATISFACTORY	Y	
HAM30867	CLAYERS LN	DERRICK TURNBOW AV	BARTON DR	17	118.33	AC	650	87	GOOD	Y	
HAM30729	CLAYERS LN	HULSE DR	WADE ST	17	95.50	AC	650	85	SATISFACTORY	Y	
HAM30873	CLAYERS LN	JOHN ST	BETTON ST	18	495.02	AC	650	59	FAIR	Y	
HAM30866	CLAYERS LN	LOWE DR	DERRICK TURNBOW AV	17	118.67	AC	650	75	SATISFACTORY	Y	
HAM17423	CLAYLAND ST	LILAC AV	GRIGG AV	28	223.66	AC	439	81	SATISFACTORY	Y	
HAM38696	CLAYPOLE AV	TERM E OF WING ST	WING ST	21	635.71	AC	650	68	FAIR	Y	UNCOLLECTED PORTION DOES NOT EXIST
HAM50724	CLAYTON ST	MOORMAN AV	HACKBERRY ST	24	354.01	AC	650	62	FAIR	Y	
HAM05785	CLAYTON ST	WOODBURN AV	MOORMAN AV	24	363.75	AC	650	67	FAIR	Y	
HAM12262	CLEARBROOK DR	BARBARA PL	PADDOCK RD	27	695.29	AC	577	50	POOR	Y	
HAM12258	CLEARBROOK DR	SPRINGMEADOW DR	BARBARA PL	25	212.65	AC	335	62	FAIR	Y	
HAM40495	CLEARBROOK DR	TERM NW OF SPRINGMEADOW DR	SPRINGMEADOW DR	25	318.41	AC	650	81	SATISFACTORY	Y	
HAM02423	CLEARVIEW AV	ST LAWRENCE AV	RAPID RUN RD	24	770.68	AC	443	44	POOR	Y	
HAM08259	CLEARWATER ST	BAYMILLER ST	FREEMAN AV	16	630.80	AC	650	33	VERY POOR	Y	
HAM38452	CLEARWATER ST	TERM E OF BAYMILLER ST	BAYMILLER ST	13	278.82		-1	-1		N	BLOCKED BY GATE
HAM06021	CLEINVIEW AV	CLEINVIEW AV	POMONA CT	30	269.95	AC	650	95	GOOD	Y	
HAM32094	CLEINVIEW AV	DESALES LN	DEXTER AV	30	819.14	AC	506	47	POOR	Y	
HAM06020	CLEINVIEW AV	E MCMILLAN ST	WILLIAM H TAFT RD	29	763.57	AC	650	39	VERY POOR	Y	
HAM06019	CLEINVIEW AV	FERNWOOD ST	DESALES LN	30	402.36	AC	516	54	POOR	Y	
HAM21599	CLEINVIEW AV	MADISON RD	FERNWOOD ST	30	278.41	AC	650	48	POOR	Y	
HAM21536	CLEINVIEW AV	POMONA CT	MADISON RD	30	643.94	AC	382	95	GOOD	Y	
HAM33793	CLEMENTS AV	KREIS LN	TERM W OF KREIS LN	12	99.65	AC	650	32	VERY POOR	Y	
HAM19826	CLEMMER AV	LUNA AV	VALLEYVIEW CT	30	295.03	AC	549	36	VERY POOR	Y	
HAM19866	CLEMMER AV	TERM E OF LUNA AV	LUNA AV	31	244.48	AC	443	59	FAIR	Y	
HAM19813	CLEMMER AV	VALLEYVIEW CT	W MCMILLAN ST	30	110.43	AC	621	71	SATISFACTORY	Y	
HAM06545	CLEPHANE AV	MATHIS ST	SIMPSON AV	23	391.42	AC	650	93	GOOD	Y	
HAM06580	CLEPHANE AV	UNNAMED AL	WARD ST	27	168.11	AC	488	71	SATISFACTORY	Y	
HAM06582	CLEPHANE AV	WARD ST	MATHIS ST	27	344.03	AC	522	73	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM06578	CLEPHANE AV	WHETSEL AV	UNNAMED AL	27	176.36	AC	650	73	SATISFACTORY	Y	
HAM39606	CLEVELAND AV	CLEVELAND CT	TERM E OF CLEVELAND CT	23	174.62	AC	650	39	VERY POOR	Y	
HAM26315	CLEVELAND AV	HARTFORD PL	RIDGEWAY AV	39	884.85	AC	205	39	VERY POOR	Y	
HAM26232	CLEVELAND AV	READING RD	HARTFORD PL	40	729.85	AC	400	64	FAIR	Y	
HAM26313	CLEVELAND AV	RIDGEWAY AV	CLEVELAND CT	24	319.21	AC	253	43	POOR	Y	
HAM39607	CLEVELAND CT	TERM S OF CLEVELAND AV	CLEVELAND AV	20	218.16	AC	650	61	FAIR	Y	
HAM54253	CLEVES WARSAW PIKE	CINC|DELHTP CORPLINE	COVEDALE AV	37	151.06	AC	650	72	SATISFACTORY	Y	
HAM03539	CLEVES WARSAW PIKE	CORONADO AV	NANCY LEE LN	36	868.01	AC	153	67	FAIR	Y	
HAM34246	CLEVES WARSAW PIKE	COVEDALE AV	CINC|DELHTP|GREETP CORPLINE	35	137.91	AC	277	76	SATISFACTORY	Y	
HAM01785	CLEVES WARSAW PIKE	GLENWAY AV	CORONADO AV	39	324.75	AC	436	55	POOR	Y	
HAM03823	CLEVES WARSAW PIKE	NANCY LEE LN	CINC|DELHTP CORPLINE	37	757.64	AC	147	76	SATISFACTORY	Y	
HAM01789	CLEVESDALE DR	HILLFRED LN	TUXWORTH AV	24	1351.32	AC	261	74	SATISFACTORY	Y	
HAM09244	CLIFF LAINE DR	ARNOLD ST	SPRING VIEW DR	24	245.77	AC	650	40	VERY POOR	Y	
HAM38859	CLIFF LAINE DR	SPRING VIEW DR	TERM NW OF SPRING VIEW DR	24	372.75	AC	650	50	POOR	Y	
HAM19930	CLIFF ST	TERM S OF W MCMILLAN ST	W MCMILLAN ST	19	123.89		-1	-1		N	BLOCKED BY GATE
HAM02684	CLIFFORD ST	QUEEN CITY AV	WICKHAM AL	20	124.45	AC	650	36	VERY POOR	Y	ONE WAY
HAM27223	CLIFTON AV	AMAZON AV	CLIFTONRIDGE DR	23	472.03	AC	295	75	SATISFACTORY	Y	
HAM31209	CLIFTON AV	ATKINSON ST	LYON ST	41	387.46	AC	288	32	VERY POOR	Y	
HAM05421	CLIFTON AV	BELSAW PL	RURAL AV	30	100.53	AC	323	68	FAIR	Y	
HAM19913	CLIFTON AV	BOSLEY ST	ATKINSON ST	39	218.15	AC	272	42	POOR	Y	
HAM05503	CLIFTON AV	BRYANT AV	GLENMARY AV	36	111.07	AC	496	85	SATISFACTORY	Y	
HAM50682	CLIFTON AV	BURNET WOODS DR	DIXMYTH AV	72	142.11	AC	650	84	SATISFACTORY	Y	
HAM31193	CLIFTON AV	CALHOUN ST	STRAIGHT ST	70	385.48	AC	650	71	SATISFACTORY	Y	
HAM27235	CLIFTON AV	CLIFTONRIDGE DR	CANAL RIDGE DR	36	1513.50	AC	247	69	FAIR	Y	
HAM07498	CLIFTON AV	CYPRESS GARDEN AV	LAFAYETTE AV	31	483.83	AC	291	62	FAIR	Y	
HAM50683	CLIFTON AV	DIXMYTH AV	TERRACE AV	71	221.63	AC	227	77	SATISFACTORY	Y	
HAM20059	CLIFTON AV	EMMING ST	PARKER ST	40	323.65	AC	262	32	VERY POOR	Y	
HAM05505	CLIFTON AV	GLENMARY AV	RESOR AV	37	653.72	AC	259	87	GOOD	Y	
HAM05428	CLIFTON AV	GREENDALE AV	WARREN AV	32	569.77	AC	198	60	FAIR	Y	
HAM20012	CLIFTON AV	HASTINGS ST	KLOTTER AV	41	238.25	AC	375	39	VERY POOR	Y	
HAM05507	CLIFTON AV	HOSEA AV	SENATOR PL	37	291.08	AC	360	81	SATISFACTORY	Y	
HAM05506	CLIFTON AV	HOWELL AV	LUDLOW AV	72	342.44	AC	238	89	GOOD	Y	
HAM31205	CLIFTON AV	JOSELIN AV	SWISS CHALET CT	70	134.73	AC	283	70	FAIR	Y	
HAM27225	CLIFTON AV	KENARD AV	SPRING GROVE AV	44	340.99	AC	650	89	GOOD	Y	
HAM32199	CLIFTON AV	KLOTTER AV	EMMING ST	40	246.26	AC	344	32	VERY POOR	Y	
HAM07485	CLIFTON AV	LAFAYETTE AV	AMAZON AV	21	1012.49	AC	283	90	GOOD	Y	
HAM05437	CLIFTON AV	LUDLOW AV	HOSEA AV	36	116.33	AC	650	82	SATISFACTORY	Y	
HAM19914	CLIFTON AV	LYON ST	W MCMILLAN ST	40	302.66	AC	650	30	VERY POOR	Y	
HAM31196	CLIFTON AV	MCMICKEN CIR	JOSELIN AV	70	200.20	AC	329	53	POOR	Y	
HAM20060	CLIFTON AV	PARKER ST	WARNER ST	40	427.68	AC	360	38	VERY POOR	Y	
HAM05349	CLIFTON AV	PROBASCO ST	W MARTIN LUTHER KING JR DR	69	317.32	AC	650	90	GOOD	Y	
HAM05502	CLIFTON AV	RESOR AV	MCALPIN AV	29	885.31	AC	267	86	GOOD	Y	
HAM07500	CLIFTON AV	RURAL AV	CYPRESS GARDEN AV	29	447.96	AC	228	59	FAIR	Y	
HAM05504	CLIFTON AV	SENATOR PL	BRYANT AV	34	286.75	AC	385	81	SATISFACTORY	Y	
HAM27228	CLIFTON AV	SPRING GROVE AV	CHESTER AV	41	314.34	AC	644	52	POOR	Y	
HAM19833	CLIFTON AV	SWISS CHALET CT	PROBASCO ST	70	312.18	AC	204	57	FAIR	Y	
HAM19949	CLIFTON AV	SWISS CHALET CT	SWISS CHALET CT	70	98.95	AC	475	57	FAIR	Y	
HAM05344	CLIFTON AV	TERRACE AV	HOWELL AV	70	299.05	AC	180	66	FAIR	Y	
HAM64113	CLIFTON AV	W CLIFTON AV	ZIER PL	40	198.02	PCC	367	65	FAIR	Y	
HAM33140	CLIFTON AV	W MARTIN LUTHER KING JR DR	BURNET WOODS DR	72	1969.14	AC	149	86	GOOD	Y	
HAM19910	CLIFTON AV	W MCMILLAN ST	CALHOUN ST	70	254.52	AC	650	69	FAIR	Y	
HAM19911	CLIFTON AV	W MCMILLAN ST	CALHOUN ST	42	243.26	AC	650	31	VERY POOR	Y	
HAM33127	CLIFTON AV	WARNER ST	BOSLEY ST	40	225.56	AC	650	39	VERY POOR	Y	
HAM05423	CLIFTON AV	WARREN AV	BELSAW PL	31	311.80	AC	286	48	POOR	Y	
HAM05424	CLIFTON AV	WOOLPER AV	GREENDALE AV	31	401.07	AC	406	45	POOR	Y	
HAM20013	CLIFTON AV	ZIER PL	HASTINGS ST	40	253.19	PCC	351	96	GOOD	Y	
HAM59418	CLIFTON COLONY DR	TERM E OF CENTRAL PKWY	CENTRAL PKWY	30	813.16	AC	650	79	SATISFACTORY	Y	
HAM38444	CLIFTON CREST TER	CLIFTON HILLS TER	TERM N OF CLIFTON HILLS TER	23	511.25	AC	650	39	VERY POOR	Y	
HAM21856	CLIFTON HILLS AV	CLIFTON HILLS TER	CENTRAL PKWY	29	1290.08	AC	542	50	POOR	Y	
HAM21851	CLIFTON HILLS AV	LUDLOW AV	CLIFTON HILLS TER	30	471.56	AC	650	60	FAIR	Y	
HAM21857	CLIFTON HILLS TER	BERKSHIRE LN	CLIFTON HILLS AV	40	899.85	AC	650	25	SERIOUS	Y	
HAM38588	CLIFTONRIDGE DR	CLIFTON AV	TERM N OF CLIFTON AV	69	815.92	AC	650	70	FAIR	Y	
HAM12815	CLINTON SPRINGS AV	BURTON WOODS LN	E MITCHELL AV	36	487.35	AC	275	84	SATISFACTORY	Y	
HAM00123	CLINTON SPRINGS AV	DICKSON AV	WARWICK AV	37	293.92	AC	170	81	SATISFACTORY	Y	
HAM12814	CLINTON SPRINGS AV	E MITCHELL AV	ROSE HILL AV	39	348.91	AC	650	89	GOOD	Y	
HAM18207	CLINTON SPRINGS AV	KARPEN LN	SPRING HOUSE LN	31	611.93	AC	202	80	SATISFACTORY	Y	
HAM05688	CLINTON SPRINGS AV	LEYMAN DR	RED BUD AV	31	1025.79	AC	183	79	SATISFACTORY	Y	
HAM18206	CLINTON SPRINGS AV	NUBY LN	KARPEN LN	30	86.23	AC	133	89	GOOD	Y	
HAM18185	CLINTON SPRINGS AV	PURE CT	RION LN	31	307.99	AC	139	84	SATISFACTORY	Y	
HAM12810	CLINTON SPRINGS AV	READING RD	DANA AV	44	675.33	AC	313	85	SATISFACTORY	Y	
HAM12123	CLINTON SPRINGS AV	RED BUD AV	BURTON WOODS LN	35	384.27	AC	175	86	GOOD	Y	
HAM18247	CLINTON SPRINGS AV	REVEL CT	WASHINGTON AV	35	548.15	AC	650	79	SATISFACTORY	Y	
HAM18204	CLINTON SPRINGS AV	RION LN	NUBY LN	30	789.60	AC	154	87	GOOD	Y	
HAM12813	CLINTON SPRINGS AV	ROSE HILL AV	READING RD	56	342.79	AC	590	93	GOOD	Y	
HAM18198	CLINTON SPRINGS AV	SPRING HOUSE LN	REVEL CT	31	348.86	AC	187	82	SATISFACTORY	Y	
HAM18197	CLINTON SPRINGS AV	VINE ST	VINE VISTA PL	36	326.55	AC	298	89	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM18186	CLINTON SPRINGS AV	VINE VISTA PL	PURE CT	36	265.66	AC	228	83	SATISFACTORY	Y	
HAM00122	CLINTON SPRINGS AV	WARWICK AV	LEYMAN DR	36	304.13	AC	177	84	SATISFACTORY	Y	
HAM18248	CLINTON SPRINGS AV	WASHINGTON AV	DICKSON AV	77	404.29	AC	163	84	SATISFACTORY	Y	
HAM38504	CLINTON SPRINGS LN	VINE ST	TERM W OF VINE ST	23	335.53	AC	650	87	GOOD	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM14298	CLIO AV	DAWES LN	CAMBRIDGE AV	24	1036.29	AC	289	90	GOOD	Y	
HAM16757	CLOISTER DR	MARMET AV	RUTHER AV	24	237.18	AC	650	53	POOR	Y	
HAM38846	CLOSE CT	WILLBARR TER	TERM E OF WILLBARR TER	18	366.18	AC	650	20	SERIOUS	Y	
HAM36690	CLOVER ST	TERM SE OF PENN AV	PENN AV	12	262.41	AC	650	99	GOOD	Y	UNCOLLECTED PORTION BLOCKED BY GATE
HAM10569	CLUB VIEW DR	PAXTON AV	BROTHERTON RD	24	1061.75	AC	641	58	FAIR	Y	
HAM07251	CLUXTON AL	HOFFNER ST	VANDALIA AV	10	485.01		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM39242	CLYBOURN PL	FAIRVIEW AV	TERM NW OF FAIRVIEW AV	28	296.45	AC	650	66	FAIR	Y	
HAM02614	CLYDE ST	EDGAR ST	HILLSIDE AV	10	219.74	AC	650	43	POOR	Y	
HAM02613	CLYDE ST	HILLSIDE AV	KISTNER ST	10	139.41	AC	650	30	VERY POOR	Y	
HAM10588	CLYMER AL	GREEN ST	GLASS AL	9	293.68		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM08470	CLYMER AL	HENRY ST	W MCMICKEN AV	11	394.63	PCC	650	72	SATISFACTORY	Y	
HAM12274	COAD DR	FENMORE DR	LOIS DR	25	248.13	AC	518	71	SATISFACTORY	Y	
HAM12277	COAD DR	ROSSMORE AV	FENMORE DR	26	305.56	AC	585	65	FAIR	Y	
HAM07228	COATES AL	ARMOUR AL	WILLIAMSON PL	8	140.03		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM07226	COATES AL	CARRIE AL	LANGLAND ST	7	136.98		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM07229	COATES AL	FERGUS ST	ARMOUR AL	7	128.19		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM07227	COATES AL	WILLIAMSON PL	CARRIE AL	8	126.73		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM14808	COFFEY ST	KENLEE DR	RAINBOW LN	20	419.24	AC	650	48	POOR	Y	
HAM16698	COFFEY ST	RAINBOW LN	RAINBOW LN	25	1031.37	AC	316	91	GOOD	Y	
HAM39074	COFFEY ST	RAINBOW LN	TERM E OF RAINBOW LN	25	639.23	AC	552	82	SATISFACTORY	Y	
HAM14809	COFFEY ST	SUFFOLK ST	SUSSEX AV	16	574.96	AC	457	39	VERY POOR	Y	
HAM14806	COFFEY ST	SUSSEX AV	KENLEE DR	19	354.48	AC	589	58	FAIR	Y	
HAM08650	COGSWELL AL	E 12TH ST	GREAR AL	9	114.09		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM20261	COGSWELL AL	E LIBERTY ST	HUGHES ST	7	375.59	BR	650	-1		Y	UNCOLLECTED PORTION TOO NARROW FOR VAN ACCESS
HAM20259	COGSWELL AL	ENON AL	ORCHARD ST	9	116.13		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM08643	COGSWELL AL	GREAR AL	E 13TH ST	7	121.51		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM20258	COGSWELL AL	ORCHARD ST	PLOUGH AL	7	135.72		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM32035	COHOON ST	MADISON RD	POGUE AV	24	570.48	AC	353	95	GOOD	Y	
HAM08364	COLBY AL	ETON PL	HENRY ST	9	252.38		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM08405	COLBY AL	HENRY ST	W MCMICKEN AV	9	682.52		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM09051	COLEMAN AL	E 9TH ST	E COURT ST	9	302.64		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM08130	COLERAIN AV	ALFRED ST	STRAIGHT ST	36	663.54	AC	385	31	VERY POOR	Y	
HAM19250	COLERAIN AV	ALLAIRE AV	JESSUP RD	54	308.21	AC	327	75	SATISFACTORY	Y	
HAM56596	COLERAIN AV	AMMON AV	LEEPER ST	44	263.25	AC	462	92	GOOD	Y	
HAM38447	COLERAIN AV	ARLINGTON ST	TERM N OF ARLINGTON ST	41	234.16	AC	650	78	SATISFACTORY	Y	
HAM25595	COLERAIN AV	BADER ST	TOWNSHIP ST	37	456.10	AC	289	43	POOR	Y	
HAM20558	COLERAIN AV	BAHAMA TER	W NORTH BEND RD	48	808.08	AC	263	88	GOOD	Y	
HAM27444	COLERAIN AV	BANK ST	BELOIT AL	31	668.14	AC	650	50	POOR	Y	ONE WAY
HAM27284	COLERAIN AV	BATES AL	MONMOUTH AV	40	602.21	AC	316	52	POOR	Y	
HAM27278	COLERAIN AV	BATES AV	BATES AL	40	150.36	AC	186	61	FAIR	Y	
HAM27279	COLERAIN AV	BATES AV	BATES AV	40	105.47	AC	226	75	SATISFACTORY	Y	
HAM27443	COLERAIN AV	BELOIT AL	HARRISON AV	32	126.05	AC	402	55	POOR	Y	ONE WAY
HAM07363	COLERAIN AV	BLUE ROCK ST	GORDON ST	40	464.59	AC	376	91	GOOD	Y	
HAM18914	COLERAIN AV	BLUE SPRUCE RD	HAWAIIAN TER	43	1263.20	AC	237	91	GOOD	Y	
HAM28156	COLERAIN AV	BURGOYNE ST	POWERS ST	41	188.67	AC	170	75	SATISFACTORY	Y	
HAM07460	COLERAIN AV	COOPER ST	HOFFNER ST	39	330.95	AC	172	75	SATISFACTORY	Y	
HAM27423	COLERAIN AV	DAYTON ST	GARDEN ST	32	151.25	AC	379	69	FAIR	Y	
HAM25594	COLERAIN AV	ELAM ST	STOCK ST	41	586.41	AC	196	79	SATISFACTORY	Y	
HAM29484	COLERAIN AV	ELMORE ST	TOWNSEND CT	41	227.70	AC	223	83	SATISFACTORY	Y	
HAM27280	COLERAIN AV	ETHAN AV	BATES AV	41	261.64	AC	171	44	POOR	Y	
HAM59376	COLERAIN AV	FLORIDA AV	COLERAIN AVENUE ACCS	30	761.90	AC	250	83	SATISFACTORY	Y	
HAM27422	COLERAIN AV	GARDEN ST	BANK ST	31	243.25	AC	650	65	FAIR	Y	
HAM18917	COLERAIN AV	GOLDENROD DR	MT AIRY AV	45	362.63	AC	396	78	SATISFACTORY	Y	
HAM07463	COLERAIN AV	GORDON ST	KIRBY AV	40	249.79	AC	135	91	GOOD	Y	
HAM32175	COLERAIN AV	HARRISON AV	TERM NW OF HARRISON AV	37	544.26	AC	650	77	SATISFACTORY	Y	
HAM20560	COLERAIN AV	HAWAIIAN TER	SHEPHERD RD	46	1985.99	AC	182	92	GOOD	Y	
HAM25530	COLERAIN AV	HEYWOOD ST	MARSHALL AV	36	268.11	AC	286	35	VERY POOR	Y	
HAM40909	COLERAIN AV	HIGHFOREST LN	BLUE SPRUCE RD	46	1142.36	AC	127	90	GOOD	Y	
HAM07459	COLERAIN AV	HOFFNER ST	JO WILLIAMS ST	41	605.07	AC	153	77	SATISFACTORY	Y	
HAM27296	COLERAIN AV	HOPPLE ST	ELAM ST	39	346.36	AC	566	54	POOR	Y	
HAM19251	COLERAIN AV	JESSUP RD	ROBERS AV	47	854.61	AC	182	67	FAIR	Y	
HAM07464	COLERAIN AV	JO WILLIAMS ST	BLUE ROCK ST	42	434.05	AC	201	90	GOOD	Y	
HAM07359	COLERAIN AV	KIRBY AV	FLORIDA AV	41	302.03	AC	121	93	GOOD	Y	
HAM18918	COLERAIN AV	KIRBY AV	GOLDENROD DR	47	831.13	AC	159	74	SATISFACTORY	Y	
HAM18935	COLERAIN AV	LEEPER ST	TRANQUILITY LN	46	2524.27	AC	121	90	GOOD	Y	
HAM25542	COLERAIN AV	MARSHALL AV	BADER ST	36	478.04	AC	543	43	POOR	Y	
HAM27264	COLERAIN AV	MONMOUTH AV	SASSAFRAS ST	40	505.23	AC	433	74	SATISFACTORY	Y	
HAM19249	COLERAIN AV	MT AIRY AV	ALLAIRE AV	47	421.60	AC	217	77	SATISFACTORY	Y	
HAM27424	COLERAIN AV	NAEHER ST	DAYTON ST	31	185.51	AC	650	62	FAIR	Y	
HAM28153	COLERAIN AV	POWERS ST	COOPER ST	41	347.51	AC	144	79	SATISFACTORY	Y	
HAM27289	COLERAIN AV	RACHEL ST	HOPPLE ST	52	437.97	AC	470	71	SATISFACTORY	Y	
HAM18915	COLERAIN AV	RAEBURN DR	HIGHFOREST LN	46	2209.42	AC	123	91	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM59691	COLERAIN AV	ROBERS AV	CINC|GREETP CORPLINE	53	500.61	AC	322	77	SATISFACTORY	Y	
HAM27259	COLERAIN AV	SASSAFRAS ST	ARLINGTON ST	41	254.45	AC	201	76	SATISFACTORY	Y	
HAM20559	COLERAIN AV	SHEPHERD RD	BAHAMA TER	51	307.34	AC	256	91	GOOD	Y	
HAM29488	COLERAIN AV	SPRING GROVE AV	ELMORE CT	42	432.29	AC	457	80	SATISFACTORY	Y	
HAM27281	COLERAIN AV	STOCK ST	ETHAN AV	40	251.18	AC	230	61	FAIR	Y	
HAM25526	COLERAIN AV	STRAIGHT ST	HEYWOOD ST	36	414.64	AC	325	28	VERY POOR	Y	
HAM29475	COLERAIN AV	TOWNSEND CT	BURGOYNE ST	41	107.38	AC	141	80	SATISFACTORY	Y	
HAM25609	COLERAIN AV	TOWNSHIP ST	RACHEL ST	36	435.74	AC	491	45	POOR	Y	
HAM18936	COLERAIN AV	TRANQUILITY LN	RAEBURN DR	47	502.29	AC	230	91	GOOD	Y	
HAM18916	COLERAIN AV	W NORTH BEND RD	KIRBY AV	50	1073.99	AC	154	84	SATISFACTORY	Y	
HAM29935	COLERAIN AV	WEST FORK RD	AMMON AV	40	773.21	AC	250	86	GOOD	Y	
HAM27477	COLERAIN AV	YORK ST	NAEHER ST	30	167.30	AC	650	57	FAIR	Y	
HAM29978	COLERAIN AV ACCS TO I-74 WB RAMP	COLERAIN AVENUE ACCS	COLERAIN AV TO I-74 WB EXWY	36	2210.38	AC	184	83	SATISFACTORY	Y	
HAM59794	COLERAIN AV TO BEEKMAN ST RAMP	COLERAIN AV TO I-74 EB RAMP	I-74 EB EXWY TO BEEKMAN ST RAMP	37	932.60	AC	170	86	GOOD	Y	
HAM66156	COLERAIN AV TO I-74 EB RAMP	COLERAIN AV	COLERAIN AV TO BEEKMAN ST RAMP	37	847.02	AC	173	84	SATISFACTORY	Y	
HAM61485	COLERAIN AV TO I-74 EB RAMP	COLERAIN AV TO BEEKMAN ST RAMP	I-74 EB EXWY	29	1982.54	AC	201	88	GOOD	Y	
HAM21913	COLERAIN AVENUE ACCS	BEEKMAN ST	I-74 EB TO COLERAIN AVE ACCS RAMP	51	758.49	AC	126	78	SATISFACTORY	Y	
HAM07480	COLERAIN AVENUE ACCS	ELMORE ST	COLERAIN AV	35	374.36	AC	171	67	FAIR	Y	
HAM53343	COLERAIN AVENUE ACCS	ELMORE ST	COLERAIN AV	54	587.63	AC	147	93	GOOD	Y	
HAM59372	COLERAIN AVENUE ACCS	I-74 WB TO COLERAIN AV ACCS RAMP	COLERAIN AV ACCS TO I-74 WB RAMP	30	756.58	AC	200	94	GOOD	Y	
HAM04814	COLERIDGE AV	HAMPTON DR	MONTGOMERY RD	36	418.32	AC	314	95	GOOD	Y	
HAM33854	COLERIDGE AV	IONA AV	STANDISH AV	25	338.75	AC	366	95	GOOD	Y	
HAM04769	COLERIDGE AV	KIRKUP AV	ODIN AV	20	352.29	AC	173	95	GOOD	Y	
HAM04824	COLERIDGE AV	ODIN AV	HAMPTON DR	25	284.05	AC	216	95	GOOD	Y	
HAM04757	COLERIDGE AV	STANDISH AV	ZINSLE AV	26	311.98	AC	252	95	GOOD	Y	
HAM52524	COLERIDGE AV	TERM S OF IONA AV	IONA AV	20	89.84	AC	650	93	GOOD	Y	
HAM33883	COLERIDGE AV	ZINSLE AV	KIRKUP AV	24	394.06	AC	612	95	GOOD	Y	
HAM64273	COLLEGE ST	LHOMMEDIEU AL	W 7TH ST	18	129.41	PCC	650	89	GOOD	Y	ONE WAY
HAM25835	COLLEGE ST	W 6TH ST	LHOMMEDIEU AL	18	368.25	AC	650	96	GOOD	Y	ONE WAY
HAM59457	COLLEGEVUE PL	GERSHOM AV	TERM NW OF GERSHOM AV	30	251.55	AC	503	95	GOOD	Y	
HAM60651	COLLEGEVUE PL	RUGBY RD	GERSHOM AV	25	1054.94	AC	377	83	SATISFACTORY	Y	
HAM60652	COLLEGEVUE PL	W NORTH BEND RD	RUGBY RD	25	306.38	AC	635	80	SATISFACTORY	Y	
HAM05985	COLLINS AV	GLADSTONE AV	WILLIAM H TAFT RD	29	855.40	AC	650	94	GOOD	Y	
HAM13014	COLLINS AV	RIVERSIDE DR	GLADSTONE AV	24	383.07	AC	650	85	SATISFACTORY	Y	
HAM39665	COLLINWOOD PL	MADISON RD	TERM N OF MADISON RD	15	451.90	AC	650	95	GOOD	Y	
HAM36841	COLMAR LN	SUNFIELD DR	TERM E OF SUNFIELD DR	24	482.85	AC	586	58	FAIR	Y	
HAM60413	COLTER AV	TERM W OF	SUTTON AV	15	527.30	AC	650	91	GOOD	Y	
HAM09135	COLUMBIA EB PKWY TO BEECHMONT RAMP	COLUMBIA EB PKWY	COLUMBIA TO CHURCH PL RAMP	18	706.28	AC	211	88	GOOD	Y	
HAM53398	COLUMBIA PKWY	AUDUBON ST	DELTA AV	47	4457.97	AC	212	100	GOOD	Y	
HAM66111	COLUMBIA PKWY	BRIDGE OVER BEECHMONT AV	EASTERN AV TO COLUMBIA EB PKWY RAMP	53	4586.64	AC	179	71	SATISFACTORY	Y	
HAM06993	COLUMBIA PKWY	BROUGHTON ST	STRAFER ST	50	123.81	AC	125	94	GOOD	Y	
HAM66112	COLUMBIA PKWY	COLUMBIA EB PKWY TO BEECHMONT RAMP	BRIDGE OVER BEECHMONT AV	36	791.08	AC	135	96	GOOD	Y	
HAM53390	COLUMBIA PKWY	COLUMBIA PKWY	DELTAMONT LN	21	5531.28	AC	117	95	GOOD	Y	
HAM53391	COLUMBIA PKWY	COLUMBIA WB PKWY	COLUMBIA EB PKWY TO BEECHMONT RAMP	27	5608.88	AC	77	96	GOOD	Y	
HAM63173	COLUMBIA PKWY	COLUMBIA WB PKWY TO EASTERN AV RAMP	CINC|FAIRFX CORPLINE	39	2211.68	AC	186	49	POOR	Y	
HAM06990	COLUMBIA PKWY	DELTA AV	HOGE ST	54	495.76	AC	202	95	GOOD	Y	
HAM53386	COLUMBIA PKWY	DELTAMONT LN	KITRICK LN	38	1069.95	AC	177	96	GOOD	Y	
HAM63171	COLUMBIA PKWY	EASTERN AV TO COLUMBIA EB PKWY RAMP	CINC|FAIRFX CORPLINE	45	2018.27	AC	238	66	FAIR	Y	
HAM06998	COLUMBIA PKWY	HOGE ST	MCDOWELL ST	58	112.20	AC	264	95	GOOD	Y	
HAM53400	COLUMBIA PKWY	KEMPER LN	TORRENCE PKWY	49	6752.57	AC	182	70	FAIR	Y	
HAM53385	COLUMBIA PKWY	KITRICK LN	COLUMBIA WB PKWY TO EASTERN AV RAMP	32	4111.93	AC	195	69	FAIR	Y	
HAM06991	COLUMBIA PKWY	MCDOWELL ST	BROUGHTON ST	50	173.14	AC	144	94	GOOD	Y	
HAM09094	COLUMBIA PKWY	STANLEY AV	TUSCULUM AV	45	580.88	AC	543	95	GOOD	Y	
HAM06994	COLUMBIA PKWY	STRAFER ST	STANLEY AV	49	259.04	AC	197	95	GOOD	Y	
HAM53397	COLUMBIA PKWY	TORRENCE PKWY	AUDUBON ST	49	3270.24	AC	143	100	GOOD	Y	
HAM53527	COLUMBIA PKWY	TUSCULUM AV	COLUMBIA WB PKWY	52	1882.12	AC	123	95	GOOD	Y	
HAM53570	COLUMBIA PKWY TO E 3RD ST RAMP	COLUMBIA PKWY	COLUMBIA PKWY TO FORT WASH WY RAMP	26	1318.81	PCC	228	95	GOOD	Y	ONE WAY
HAM53618	COLUMBIA PKWY TO E 3RD ST RAMP	COLUMBIA PKWY	E 3RD ST RAMP	17	546.48	PCC	409	62	FAIR	Y	ONE WAY
HAM62173	COLUMBIA TO CHURCH PL RAMP	PHYLLIS LN	CHURCH PL	18	175.37	AC	650	89	GOOD	Y	ONE WAY
HAM61557	COLUMBIA WB PKWY TO EASTERN AV RAMP	COLUMBIA PKWY	EASTERN EB TO EASTERN WB RAMP	30	1778.89	AC	219	63	FAIR	Y	
HAM61558	COLUMBIA WB PKWY TO EASTERN AV RAMP	EASTERN EB TO EASTERN WB RAMP	EASTERN AV	30	337.34	AC	280	48	POOR	Y	
HAM12736	COLUMBUS AV	MINTO AV	PORTSMOUTH AV	24	292.35	AC	411	63	FAIR	Y	
HAM12738	COLUMBUS AV	PORTSMOUTH AV	TERM N OF PORTSMOUTH AV	23	127.17	AC	650	31	VERY POOR	Y	
HAM27274	COMBS AL	BANGOR AL	SIDNEY AV	6	130.67		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM27266	COMBS AL	HOLDER AL	HENSHAW AV	7	183.37		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM27275	COMBS AL	MASSACHUSETTS AV	BANGOR AL	5	130.37		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM27273	COMBS AL	SIDNEY AV	HOLDER AL	8	180.54		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM21701	COMERS AL	W 14TH ST	W 15TH ST	7	426.20		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM06527	CONANT ST	ADELPHI ST	WHITNEY AV	24	358.69	AC	464	85	SATISFACTORY	Y	
HAM06598	CONANT ST	BRAMBLE AV	ADELPHI ST	24	410.70	AC	483	77	SATISFACTORY	Y	
HAM07935	CONCORD ST	BURBANK ST	MORGAN ST	30	268.15	AC	223	45	POOR	Y	
HAM20213	CONCORD ST	FLORENCE AV	BURBANK ST	29	564.06	AC	650	49	POOR	Y	
HAM07931	CONCORD ST	LINDSAY AL	E MCMILLAN ST	26	142.03	AC	439	77	SATISFACTORY	Y	
HAM07938	CONCORD ST	LONDON AL	WAYNE ST	31	142.72	AC	650	66	FAIR	Y	
HAM07933	CONCORD ST	MORGAN ST	LONDON AL	28	140.60	AC	253	55	POOR	Y	
HAM07932	CONCORD ST	WAYNE ST	LINDSAY AL	29	134.41	AC	650	78	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM06085	CONGRESS AV	KELLOGG AV	MEAD AV	40	210.64	AC	650	38	VERY POOR	Y	
HAM06082	CONGRESS AV	MEAD AV	STACON ST	40	178.90	AC	605	51	POOR	Y	
HAM37884	CONGRESS AV	TERM SW OF KELLOGG AV	KELLOGG AV	42	227.88	AC	650	65	FAIR	Y	
HAM07158	CONGREVE AV	KINOLL AV	VALLEYVIEW AV	20	338.36	AC	650	39	VERY POOR	Y	
HAM10326	CONGREVE AV	SKYLINE DR	ONONDAGO AV	25	1177.78	AC	370	71	SATISFACTORY	Y	
HAM07172	CONGREVE AV	VALLEYVIEW AV	WYATT AV	20	340.61	AC	650	66	FAIR	Y	
HAM07176	CONGREVE AV	WYATT AV	SKYLINE DR	25	311.46	AC	372	53	POOR	Y	
HAM19945	CONKLIN ST	TERM E OF OHIO AV	OHIO AV	19	349.39	AC	650	50	POOR	Y	
HAM16892	CONNECTICUT AV	LOCKER CT	MONTICELLO AV	24	357.10	AC	455	46	POOR	Y	
HAM16893	CONNECTICUT AV	MONTICELLO AV	W NORTH BEND RD	24	645.76	AC	460	48	POOR	Y	
HAM16880	CONNECTICUT AV	OAKWOOD AV	PAWNEE DR	25	722.25	AC	386	44	POOR	Y	
HAM16877	CONNECTICUT AV	PAWNEE DR	CONNECTICUT CT	26	542.22	AC	527	70	FAIR	Y	
HAM16891	CONNECTICUT CT	CONNECTICUT AV	CONNECTICUT AV	24	285.17	AC	593	80	SATISFACTORY	Y	
HAM37433	CONNECTICUT CT	TERM S OF CONNECTICUT AV	CONNECTICUT AV	25	154.03	AC	650	67	FAIR	Y	
HAM00526	CONOVER ST	MATHIS ST	SIMPSON AV	23	400.15	AC	585	95	GOOD	Y	
HAM25634	CONROY ST	BAYMILLER ST	FREEMAN AV	14	672.81	PCC	650	82	SATISFACTORY	Y	
HAM27364	CONROY ST	FREEMAN AV	KRESS AL	11	302.47	PCC	650	75	SATISFACTORY	Y	
HAM19894	CONROY ST	TERM E OF BAYMILLER ST	BAYMILLER ST	16	422.53	PCC	596	72	SATISFACTORY	Y	
HAM02358	CONSIDINE AV	BASSETT RD	PHILLIPS AV	30	1177.57	AC	650	34	VERY POOR	Y	
HAM02018	CONSIDINE AV	BREVIER AV	GLENWAY AV	30	558.42	AC	650	80	SATISFACTORY	Y	
HAM12963	CONSIDINE AV	CAMERON PL	BASSETT RD	31	494.43	AC	650	34	VERY POOR	Y	
HAM02016	CONSIDINE AV	GLENWAY AV	LEHMAN RD	24	720.49	AC	650	64	FAIR	Y	
HAM02004	CONSIDINE AV	LEHMAN RD	W LIBERTY ST	17	280.91	AC	650	95	GOOD	Y	
HAM12959	CONSIDINE AV	MURDOCK AV	CAMERON PL	30	621.78	AC	541	47	POOR	Y	
HAM02347	CONSIDINE AV	PHILLIPS AV	W 8TH ST	29	738.19	AC	650	35	VERY POOR	Y	
HAM02371	CONSIDINE AV	W 8TH ST	PRICE AV	30	422.95	AC	650	39	VERY POOR	Y	
HAM02517	CONSIDINE AV	WARSAW AV	BREVIER AV	31	687.96	AC	510	83	SATISFACTORY	Y	
HAM38212	CONWAY ST	TERM S OF DESMOND ST	DESMOND ST	14	417.16	AC	650	28	VERY POOR	Y	
HAM20554	COOK ST	ALFRED ST	STRAIGHT ST	30	641.70	AC	521	89	GOOD	Y	
HAM25644	COOK ST	DRAPER ST	ALFRED ST	30	504.85	AC	527	81	SATISFACTORY	Y	
HAM19897	COON ST	FOX ST	WARNER ST	20	388.17	AC	650	30	VERY POOR	Y	
HAM07255	COOPER ST	APPLE ST	TURRILL ST	31	238.84	AC	206	46	POOR	Y	
HAM07376	COOPER ST	CHERRY ST	COLERAIN AV	31	365.61	AC	585	49	POOR	Y	
HAM07256	COOPER ST	SPRING GROVE AV	APPLE ST	29	325.25	AC	205	41	POOR	Y	
HAM07436	COOPER ST	TURRILL ST	CHERRY ST	31	241.42	AC	201	37	VERY POOR	Y	
HAM05611	COPELEN ST	FLORENCE AV	MORGAN ST	30	144.58	AC	650	34	VERY POOR	Y	
HAM05631	COPELEN ST	LINDSAY AL	E MCMILLAN ST	27	139.15	AC	650	47	POOR	Y	
HAM05628	COPELEN ST	LONDON AL	WAYNE ST	29	134.55	AC	650	40	VERY POOR	Y	
HAM05609	COPELEN ST	MORGAN ST	LONDON AL	29	146.61	AC	650	31	VERY POOR	Y	
HAM05621	COPELEN ST	WAYNE ST	LINDSAY AL	28	141.08	AC	390	49	POOR	Y	
HAM14837	COPPERLEAF LN	ANDETP|CINC CORPLINE	COVEYRUN CT	26	1376.29	AC	395	58	FAIR	Y	
HAM18775	COPPERLEAF LN	COVEYRUN CT	KENLEE DR	26	776.47	AC	483	75	SATISFACTORY	Y	
HAM18776	COPPERLEAF LN	KENLEE DR	STREAMSIDE CT	25	437.51	AC	357	68	FAIR	Y	
HAM39029	COPPERLEAF LN	STREAMSIDE CT	TERM NW OF STREAMSIDE CT	25	466.19	AC	409	79	SATISFACTORY	Y	
HAM54184	COPPICE LN	MARTHA AV	TERM N OF MARTHA AV	22	299.58	AC	650	94	GOOD	Y	
HAM38733	CORA AV	TERM SW OF HARRISON AV	HARRISON AV	31	1088.64	AC	307	41	POOR	Y	
HAM39660	CORAL AL	DRUM AL	TERM N OF DRUM AL	9	170.56		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM32232	CORAL AL	E 13TH ST	DRUM AL	9	134.66		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM15393	CORAL PARK DR	HANNA AV	RAMONA AV	25	364.06	AC	285	77	SATISFACTORY	Y	
HAM15444	CORAL PARK DR	MAC ARTHUR CT	DAYTONA AV	24	384.04	AC	437	76	SATISFACTORY	Y	
HAM15425	CORAL PARK DR	MANNING AV	MAC ARTHUR CT	26	273.32	AC	270	66	FAIR	Y	
HAM15384	CORAL PARK DR	PERSHING CT	MANNING AV	25	299.51	AC	219	84	SATISFACTORY	Y	
HAM02862	CORAL PARK DR	PICKBURY DR	HANNA AV	25	159.28	AC	225	79	SATISFACTORY	Y	
HAM15385	CORAL PARK DR	RAMONA AV	PERSHING CT	25	299.82	AC	250	86	GOOD	Y	
HAM36488	CORALBERRY CT	TERM S OF BENNEVILLE ST	BENNEVILLE ST	18	533.90	AC	650	68	FAIR	Y	
HAM09360	CORBETT ST	NILES ST	GRIEST AV	30	593.43	BR	650	-1		Y	
HAM55124	CORBIN ST	CORBIN PARK CT	RIVERSIDE DR	23	270.65	AC	493	95	GOOD	Y	
HAM05447	CORBIN ST	TERM S OF CORBIN PARK CT	CORBIN PARK CT	24	112.87	AC	650	95	GOOD	Y	
HAM14755	CORBLY ST	BEECHMONT AV	SALVADOR ST	50	331.50	AC	410	49	POOR	Y	
HAM14756	CORBLY ST	OXFORD AV	CORBLY ST	48	274.13	AC	536	67	FAIR	Y	
HAM14782	CORBLY ST	PRIVATE DR	SUSSEX AV	36	362.37	AC	224	45	POOR	Y	
HAM14805	CORBLY ST	RAINBOW LN	CINC|ANDETP CORPLINE	36	838.54	AC	254	53	POOR	Y	
HAM14784	CORBLY ST	RONALDSON AV	SUFFOLK ST	33	290.02	AC	230	49	POOR	Y	
HAM14786	CORBLY ST	SALVADOR ST	RONALDSON AV	36	685.24	AC	245	63	FAIR	Y	
HAM14783	CORBLY ST	SUFFOLK ST	PRIVATE DR	36	259.42	AC	222	37	VERY POOR	Y	
HAM14789	CORBLY ST	SUSSEX AV	TRAILWOOD DR	37	1086.02	AC	245	46	POOR	Y	
HAM14774	CORBLY ST	SUTTON AV	CORBLY ST	40	196.65	AC	297	64	FAIR	Y	
HAM14788	CORBLY ST	TRAILWOOD DR	CORBLY RD	37	542.33	AC	249	48	POOR	Y	
HAM12776	CORINTH AV	CALIFORNIA AV	REGENT AV	28	300.34	AC	347	84	SATISFACTORY	Y	
HAM12775	CORINTH AV	CAROLINA AV	CALIFORNIA AV	28	277.34	AC	229	82	SATISFACTORY	Y	
HAM30055	CORINTH AV	FRANKLIN AV	CAROLINA AV	29	340.86	AC	343	78	SATISFACTORY	Y	
HAM12777	CORINTH AV	REGENT AV	LAIDLAW AV	30	293.50	AC	650	78	SATISFACTORY	Y	
HAM40488	CORINTH AV	TERM S OF FRANKLIN AV	FRANKLIN AV	22	191.20	AC	650	65	FAIR	Y	
HAM38478	CORN AL	TERM E OF FREEMAN AV	FREEMAN AV	17	374.68	AC	650	25	SERIOUS	Y	UNCOLLECTED PORTION BLOCKED BY DEBRIS
HAM29599	CORNELIA AV	NANSEN ST	ESCALON ST	21	357.89	AC	650	52	POOR	Y	
HAM00032	CORNELIA AV	W NORTH BEND RD	NANSEN ST	24	362.43	AC	280	74	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM39531	CORNELL PL	EVANSWOOD PL	TERM N OF EVANSWOOD PL	28	234.70	AC	650	91	GOOD	Y	
HAM25523	CORNELL PL	LUDLOW AV	EVANSWOOD PL	30	1084.01	AC	420	86	GOOD	Y	
HAM22066	CORNISH ST	UNNAMED AL	WARD ST	24	168.13	AC	452	37	VERY POOR	Y	
HAM22060	CORNISH ST	WARD ST	OWASCO ST	17	236.47	AC	630	46	POOR	Y	
HAM22067	CORNISH ST	WHETSEL AV	UNNAMED AL	23	176.28	AC	650	33	VERY POOR	Y	
HAM02422	CORONADO AV	RAPID RUN RD	ZULA AV	24	996.74	AC	607	71	SATISFACTORY	Y	
HAM01786	CORONADO AV	ZULA AV	CLEVES WARSAW PIKE	24	1657.71	AC	397	67	FAIR	Y	
HAM20126	CORPORATION AL	CUMBER ST	YOUNG ST	13	297.65	AC	650	37	VERY POOR	Y	
HAM27855	CORPORATION AL	DECKER AL	HIRAM ST	13	257.31	AC	312	74	SATISFACTORY	Y	
HAM27864	CORPORATION AL	HIRAM ST	HIGHLAND AV	14	255.04	AC	641	82	SATISFACTORY	Y	
HAM27854	CORPORATION AL	YOUNG ST	DECKER AL	12	229.72	AC	650	85	SATISFACTORY	Y	
HAM35570	CORRINE AV	GLENWAY AV	TERM SW OF GLENWAY AV	21	698.39	AC	609	35	VERY POOR	Y	
HAM33086	CORRY BLVD	JEFFERSON AV	CHAMPIONS AV	37	427.89	AC	650	46	POOR	Y	
HAM12834	CORTELYOU AV	LOSANTIVILLE AV	TROY AV	23	220.82	AC	650	46	POOR	Y	
HAM12849	CORTELYOU AV	TROY AV	CORTELYOU PL	22	1075.86	AC	343	47	POOR	Y	
HAM11576	CORTELYOU PL	BONA VISTA PL	CORTELYOU AV	21	458.83	AC	359	77	SATISFACTORY	Y	
HAM35703	CORTELYOU PL	TERM W OF BONA VISTA PL	BONA VISTA PL	20	582.19	AC	650	67	FAIR	Y	
HAM19511	CORVALLIS AV	CORVALLIS AV	CORVALLIS AV	20	837.81	AC	480	35	VERY POOR	Y	
HAM36771	CORVALLIS AV	TERM W OF ELMSHADE AV	ELMSHADE AV	20	479.93	AC	480	41	POOR	Y	
HAM20193	CORWINE ST	WALNUT ST	E MCMICKEN AV	25	343.52	AC	473	78	SATISFACTORY	Y	
HAM58542	COSBY ST	HOGAN AL	HAMILTON AV	30	131.12	AC	463	91	GOOD	Y	ONE WAY
HAM58541	COSBY ST	SPRING GROVE AV	HOGAN AL	30	128.08	AC	346	88	GOOD	Y	ONE WAY
HAM38760	COSTELLO AV	HITCHENS AV	TERM N OF HITCHENS AV	22	947.58	AC	384	83	SATISFACTORY	Y	
HAM38759	COSTELLO AV	TERM S OF ATLIN AV	ATLIN AV	20	265.83	AC	650	93	GOOD	Y	
HAM37627	COUNTRY CLUB PL	TERM W OF BROADVIEW DR	BROADVIEW DR	17	1152.19	AC	650	71	SATISFACTORY	Y	
HAM13525	COVEDALE AV	CINC|DELHTP CORPLINE	RAPID RUN RD	20	917.69	AC	160	73	SATISFACTORY	Y	
HAM03856	COVEDALE AV	CLEVES WARSAW PIKE	RELLEUM AV	25	339.30	AC	559	93	GOOD	Y	
HAM54252	COVEDALE AV	DELLERS GLEN DR	CINC|DELHTP CORPLINE	20	480.33	AC	170	66	FAIR	Y	
HAM13529	COVEDALE AV	FOLEY RD	DELLERS GLEN DR	21	958.23	AC	207	78	SATISFACTORY	Y	
HAM11747	COVEDALE AV	HEUWERTH AV	SIDNEY RD	24	337.58	AC	424	92	GOOD	Y	
HAM34250	COVEDALE AV	HIGHVIEW DR	CINC|DELHTP CORPLINE	21	227.26	AC	352	90	GOOD	Y	
HAM13523	COVEDALE AV	LIMBERLOST LN	SEIBEL LN	35	338.41	AC	278	95	GOOD	Y	
HAM03611	COVEDALE AV	RALPH AV	WESTERN HILLS AV	25	327.55	AC	167	91	GOOD	Y	
HAM13513	COVEDALE AV	RAPID RUN RD	LIMBERLOST LN	36	1135.01	AC	193	91	GOOD	Y	
HAM03727	COVEDALE AV	RELLEUM AV	RALPH AV	25	320.07	AC	156	93	GOOD	Y	
HAM13542	COVEDALE AV	SEIBEL LN	HIGHVIEW DR	24	453.46	AC	281	89	GOOD	Y	
HAM11742	COVEDALE AV	WESTERN HILLS AV	SUMTER AV	24	310.35	AC	174	92	GOOD	Y	
HAM39027	COVEYRUN CT	COPPERLEAF LN	TERM N OF S COVEYRUN CT	24	771.21	AC	426	63	FAIR	Y	
HAM00539	COVINGTON AV	ARMADA PL	OSGOOD ST	24	296.61	AC	393	34	VERY POOR	Y	
HAM00502	COVINGTON AV	OSGOOD ST	STEWART AV	25	276.56	AC	639	47	POOR	Y	
HAM39246	COY ST	STRAIGHT ST	TERM N OF STRAIGHT ST	28	565.71	AC	650	62	FAIR	Y	
HAM35747	CRABAPPLE LN	ROOKWOOD DR	TERM NW OF ROOKWOOD DR	19	168.93	AC	650	34	VERY POOR	Y	
HAM35897	CRAFT ST	TERM E OF WINNESTE AV	WINNESTE AV	24	195.39	AC	650	80	SATISFACTORY	Y	
HAM35380	CRAFT ST	WINNESTE AV	TERM NW OF WINNESTE AV	24	699.66	AC	392	76	SATISFACTORY	Y	
HAM15463	CRAIG AV	MONTANA AV	URWILER AV	36	709.87	AC	560	71	SATISFACTORY	Y	
HAM15479	CRAIG AV	URWILER AV	EVERGREEN AV	36	654.50	AC	284	52	POOR	Y	
HAM39522	CRAIG CT	EVERGREEN AV	TERM NE OF EVERGREEN AV	24	193.57	AC	650	70	FAIR	Y	
HAM36961	CRAIGLAND CT	CRAIGLAND LN	TERM E OF CRAIGLAND LN	25	464.60	AC	425	65	FAIR	Y	
HAM36962	CRAIGLAND CT	TERM W OF CRAIGLAND LN	CRAIGLAND LN	25	148.14	AC	511	59	FAIR	Y	
HAM06411	CRAIGLAND LN	CRAIGLAND CT	GLADE AV	24	360.69	AC	414	61	FAIR	Y	
HAM07711	CRANE AV	BEVIS AV	WABASH AV	30	308.37	AC	650	49	POOR	Y	
HAM12292	CRANE AV	EVANSTON AV	DUCK CREEK RD	24	1315.16	AC	303	71	SATISFACTORY	Y	
HAM26367	CRANE AV	HUDSON AV	TRIMBLE AV	31	340.09	AC	650	50	POOR	Y	
HAM26369	CRANE AV	TRIMBLE AV	BEVIS AV	31	329.28	AC	650	86	GOOD	Y	
HAM07749	CRANE AV	WABASH AV	EVANSTON AV	30	293.44	AC	650	46	POOR	Y	
HAM07890	CRANSTON AL	BURBANK ST	MORGAN ST	13	276.49	BR	650	-1		Y	
HAM07871	CRANSTON AL	MCGREGOR AV	BURBANK ST	14	549.27	BR	650	-1		Y	
HAM20165	CRANSTON AL	MONROE ST	MCGREGOR AV	13	264.91	BR	650	-1		Y	
HAM07866	CRANSTON AL	MORGAN ST	WAYNE ST	12	275.36	BR	650	-1		Y	
HAM07495	CRAWFORD AV	ELLIS ST	SPRINGLAWN AV	25	3942.96	AC	249	53	POOR	Y	
HAM07492	CRAWFORD AV	KNOWLTON ST	ELLIS ST	23	1044.83	AC	334	40	VERY POOR	Y	
HAM07493	CRAWFORD AV	SPRING GROVE AV	KNOWLTON ST	43	188.08	AC	457	55	POOR	Y	
HAM38848	CREST CIR	TERM S OF GLENGYLE AV	GLENGYLE AV	24	250.26	AC	650	71	SATISFACTORY	Y	
HAM27069	CREST HILL AV	DAWN RD	GREENLAND PL	25	270.32	AC	193	88	GOOD	Y	
HAM07806	CREST HILL AV	GREENLAND PL	NEWBEDFORD AV	24	608.68	AC	278	90	GOOD	Y	
HAM07851	CREST HILL AV	NEWBEDFORD AV	STILLWELL RD	25	308.93	AC	343	92	GOOD	Y	
HAM07850	CREST HILL AV	STILLWELL RD	SUNFIELD DR	24	298.36	AC	275	88	GOOD	Y	
HAM36837	CREST HILL AV	SUNFIELD DR	TERM E OF SUNFIELD DR	24	314.78	AC	650	89	GOOD	Y	
HAM02384	CRESTLINE AV	BEAUMONT PL	ROSECLIFF DR	25	117.92	AC	436	46	POOR	Y	
HAM02382	CRESTLINE AV	MOULTON AV	PICA ST	30	562.09	AC	293	57	FAIR	Y	
HAM02389	CRESTLINE AV	PICA ST	BASSETT RD	30	988.18	AC	333	58	FAIR	Y	
HAM02383	CRESTLINE AV	ROSECLIFF DR	MOULTON AV	25	106.34	AC	534	47	POOR	Y	
HAM39534	CRESTMONT LN	TERM E OF BIDDLE ST	BIDDLE ST	23	158.39	AC	650	86	GOOD	Y	
HAM35952	CRESTVIEW AV	BANTRY AV	TERM E OF BANTRY AV	15	359.33	AC	650	42	POOR	Y	
HAM11552	CRESTVIEW AV	ORCHARD LN	BANTRY AV	18	556.25	AC	250	50	POOR	Y	
HAM35954	CRESTVIEW AV	TERM W OF ORCHARD LN	ORCHARD LN	16	112.31	AC	650	43	POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM14751	CRESTVIEW PL	BEECHMONT AV	SALVADOR ST	20	365.05	AC	650	31	VERY POOR	Y	
HAM39034	CRESTVIEW PL	CRESTVIEW TER	TERM E OF CRESTVIEW TER	25	349.38	AC	594	65	FAIR	Y	
HAM14759	CRESTVIEW PL	OXFORD AV	BEECHMONT AV	18	241.38	AC	650	73	SATISFACTORY	Y	
HAM14762	CRESTVIEW PL	SALVADOR ST	CRESTVIEW TER	25	320.11	AC	382	41	POOR	Y	
HAM09366	CRESTWOOD AV	BROOKWOOD MEADOW AV	AULT WOODS LN	24	359.77	AC	454	85	SATISFACTORY	Y	
HAM09275	CRESTWOOD AV	PRINCIPIO AV	BROOKWOOD MEADOW AV	25	313.40	AC	337	67	FAIR	Y	
HAM09129	CREVELINGS LN	ELSINBORO RD	DELAWARE RIDGE LN	20	346.68	AC	617	52	POOR	Y	
HAM38255	CRISTWAY CT	WAYSIDE CT	TERM NW OF WAYSIDE CT	25	361.84	AC	582	91	GOOD	Y	
HAM09260	CROCUS LN	FAWN AL	KINMONT AV	14	356.07	AC	650	88	GOOD	Y	
HAM38852	CROCUS LN	KINMONT AV	TERM NW OF KINMONT AV	16	141.10	AC	650	40	VERY POOR	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM39540	CROOKED STONE RD	TERM E OF DUNORE RD	DUNORE RD	21	191.51	AC	650	56	FAIR	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM03809	CROOKSHANK RD	GLENWAY AV	CINC|GREETP CORPLINE	36	1391.86	AC	273	89	GOOD	Y	
HAM39286	CROPPER AL	BISHOP ST	TERM NW OF BISHOP ST	13	426.72	BR	650	-1		Y	
HAM06223	CROSLIN ST	ELDORADO AV	WAITS AV	15	513.32	AC	650	95	GOOD	Y	
HAM06219	CROSLIN ST	KENWOOD AV	ROHDE AV	20	430.67	AC	304	95	GOOD	Y	
HAM06217	CROSLIN ST	RENSLAR AV	KENWOOD AV	20	441.15	AC	348	90	GOOD	Y	
HAM06221	CROSLIN ST	ROHDE AV	ELDORADO AV	17	528.13	AC	351	95	GOOD	Y	
HAM05629	CROSS LN	KEMPER LN	PARK AV	33	480.47	AC	649	43	POOR	Y	
HAM05608	CROSS LN	PARK AV	LAREDO AV	34	311.87	AC	650	64	FAIR	Y	
HAM08625	CROW AL	E 9TH ST	SWIFT AL	10	127.42	AC	650	39	VERY POOR	Y	
HAM08600	CROW AL	SWIFT AL	E COURT ST	10	100.37	AC	650	38	VERY POOR	Y	
HAM27961	CROWN ST	DIX ST	MAY ST	36	219.42	AC	592	86	GOOD	Y	
HAM38565	CROWN ST	ESSEX PL	TERM E OF ESSEX PL	37	215.49	AC	650	37	VERY POOR	Y	
HAM38566	CROWN ST	TERM W OF DIX ST	DIX ST	36	106.33	AC	650	67	FAIR	Y	
HAM40477	CRUSEY AL	OAKDALE AV	OBERLIN AV	9	529.34	AC	650	33	VERY POOR	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM12465	CRUSEY AL	OBERLIN AV	MATLOCK AV	10	521.33	AC	650	70	FAIR	Y	
HAM35278	CRUSEY AL	TERM W OF OAKDALE AV	OAKDALE AV	10	369.97	AC	650	45	POOR	Y	
HAM34280	CRYER AV	LINWOOD AV	OBSERVATORY AV	30	1109.36	AC	611	52	POOR	Y	
HAM06687	CRYER AV	MERIWEATHER AV	LINWOOD AV	24	262.86	AC	650	45	POOR	Y	
HAM06688	CRYER AV	PINERIDGE AV	MERIWEATHER AV	24	349.66	AC	380	50	POOR	Y	
HAM36794	CRYER AV	TERM SW OF PINERIDGE AV	PINERIDGE AV	24	336.61	AC	650	57	FAIR	Y	
HAM27686	CULVERT ST	BUTLER ST	SENTINEL ST	34	296.09	AC	301	75	SATISFACTORY	Y	
HAM27713	CULVERT ST	E 3RD ST	E 4TH ST	24	292.35	AC	650	59	FAIR	Y	
HAM27805	CULVERT ST	E 4TH ST	E 5TH ST	26	483.52	AC	356	81	SATISFACTORY	Y	
HAM27688	CULVERT ST	E 5TH ST	BUTLER ST	24	201.22	AC	650	65	FAIR	Y	
HAM27675	CULVERT ST	E 7TH ST	EGGLESTON AV	22	286.26	AC	422	48	POOR	Y	
HAM27687	CULVERT ST	NEW ST	E 7TH ST	27	159.76	AC	380	66	FAIR	Y	
HAM27685	CULVERT ST	SENTINEL ST	NEW ST	34	184.92	AC	650	68	FAIR	Y	
HAM20125	CUMBER ST	CORPORATION AL	MILTON ST	26	162.78	AC	650	61	FAIR	Y	
HAM20144	CUMBER ST	LIBERTY HILL	CORPORATION AL	27	161.19	AC	650	82	SATISFACTORY	Y	
HAM33783	CUMBERLAND ST	KINSEY AV	TERM N OF KINSEY AV	15	389.24	AC	650	62	FAIR	Y	
HAM38570	CUMBERLAND ST	TERM S OF KINSEY AV	KINSEY AV	21	132.77	AC	650	46	POOR	Y	
HAM09600	CUMMINS ST	BEEKMAN ST	DEMPSEY ST	35	1016.97	AC	409	65	FAIR	Y	ONE WAY
HAM50760	CUMMINS ST	DEMPSEY ST	CARLL ST	32	811.13	AC	539	60	FAIR	Y	ONE WAY
HAM27416	CURRY AL	GIBSON AL	PORTER AL	4	339.70		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM05623	CURTIS ST	GILBERT AV	ST JAMES AV	29	421.26	AC	650	92	GOOD	Y	ONE WAY
HAM05605	CURTIS ST	ST JAMES AV	KEMPER LN	22	351.03	AC	650	89	GOOD	Y	ONE WAY
HAM26811	CURZON AV	HARTWELL AV	HUNSFORD ST	27	349.29	AC	650	78	SATISFACTORY	Y	
HAM07832	CURZON AV	HUNSFORD ST	SHEEHAN AV	27	748.18	AC	383	65	FAIR	Y	
HAM33540	CURZON AV	SHEEHAN AV	MILLSDALE ST	27	1006.40	AC	326	93	GOOD	Y	
HAM09356	CUSTER AV	AULT WOODS LN	URIGHT PL	24	250.24	AC	650	76	SATISFACTORY	Y	
HAM40922	CUSTER AV	DEEPWOODS LN	OBSERVATORY AV	24	1119.60	AC	394	69	FAIR	Y	
HAM34335	CUSTER AV	URIGHT PL	DEEPWOODS LN	24	488.62	AC	291	75	SATISFACTORY	Y	
HAM26045	CUTS AL	PAULING PL	SYCAMORE ST	12	239.34		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM30778	CUTTER ST	CHESTNUT ST	CLARK ST	28	260.23	AC	650	82	SATISFACTORY	Y	
HAM50122	CUTTER ST	CLARK ST	HOPKINS ST	36	255.12	AC	484	58	FAIR	Y	
HAM30780	CUTTER ST	ELIZABETH ST	CHESTNUT ST	28	248.70	AC	451	76	SATISFACTORY	Y	
HAM50123	CUTTER ST	HOPKINS ST	EZZARD CHARLES DR	36	274.72	AC	650	87	GOOD	Y	
HAM30779	CUTTER ST	W COURT ST	ELIZABETH ST	28	286.02	AC	283	76	SATISFACTORY	Y	
HAM02979	CYCLORAMA DR	CHARWOOD CT	QUEENSWOOD DR	25	616.94	AC	299	56	FAIR	Y	
HAM02822	CYCLORAMA DR	QUEENSWOOD DR	FLEETWOOD AV	25	662.70	AC	325	58	FAIR	Y	
HAM38742	CYCLORAMA DR	TERM SE OF CHARWOOD CT	CHARWOOD CT	24	2170.33	AC	153	91	GOOD	Y	
HAM05581	CYPRESS ST	ASHLAND AV	UPLAND PL	15	364.46	AC	650	85	SATISFACTORY	Y	ONE WAY
HAM05670	CYPRESS ST	FRANCIS LN	LAREDO AV	25	329.60	AC	650	45	POOR	Y	
HAM05672	CYPRESS ST	LAREDO AV	VICTORY PKWY	24	148.33	AC	650	40	VERY POOR	Y	
HAM05671	CYPRESS ST	VICTORY PKWY	ASHLAND AV	23	294.10	AC	650	30	VERY POOR	Y	
HAM11950	CYPRESS WY	CINC|NOR CORPLINE	INDIAN MOUND AV	30	671.18	AC	301	93	GOOD	Y	
HAM37310	CYPRESS WY	INDIAN MOUND AV	TERM SE OF INDIAN MOUND AV	31	968.81	AC	528	83	SATISFACTORY	Y	
HAM11967	CYPRESS WY	MONTGOMERY RD	CINC|NOR CORPLINE	30	1148.25	AC	544	42	POOR	Y	
HAM22064	DAHLGREN ST	WARD ST	OWASCO ST	19	248.64	AC	650	95	GOOD	Y	
HAM11109	DAHLIA AV	FERNBANK AV	HOME CITY AV	17	401.82	AC	461	47	POOR	Y	
HAM11112	DAHLIA AV	PRIVATE AL	FERNBANK AV	10	311.14	AC	650	28	VERY POOR	Y	
HAM26202	DAKOTA AV	DANA AV	MARION AV	36	567.20	AC	537	66	FAIR	Y	
HAM12118	DAKOTA AV	MARION AV	VALLEY LN	35	231.92	AC	650	58	FAIR	Y	
HAM12104	DAKOTA AV	VALLEY LN	REDWAY AV	35	354.39	AC	650	67	FAIR	Y	
HAM02234	DALE AV	LOCKMAN AV	OVERLOOK AV	32	1136.11	AC	427	38	VERY POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM12436	DALE RD	GRAFTON AV	LACONIA AV	35	249.93	AC	270	76	SATISFACTORY	Y	
HAM12444	DALE RD	LACONIA AV	DALE AV	35	546.00	AC	188	79	SATISFACTORY	Y	
HAM12434	DALE RD	LILLIAN DR	GRAFTON AV	35	261.50	AC	296	76	SATISFACTORY	Y	
HAM12433	DALE RD	NEWFIELD AV	LILLIAN DR	35	255.09	AC	297	75	SATISFACTORY	Y	
HAM12432	DALE RD	ROSE PL	NEWFIELD AV	35	829.40	AC	314	77	SATISFACTORY	Y	
HAM12404	DALEWOOD PL	HERMIT AV	RHODE ISLAND AV	21	881.06	AC	350	66	FAIR	Y	ONE WAY
HAM12372	DALEWOOD PL	PHANTOM AV	HERMIT AV	20	770.06	AC	281	54	POOR	Y	ONE WAY
HAM37327	DALEWOOD PL	TERM W OF PHANTOM AV	PHANTOM AV	21	125.86	AC	650	50	POOR	Y	
HAM08718	DALTON AV	BUDD ST	W 7TH ST	53	221.24	AC	165	68	FAIR	Y	
HAM08716	DALTON AV	CARR ST	BUDD ST	56	551.59	AC	212	60	FAIR	Y	
HAM27472	DALTON AV	FINDLAY ST	YORK ST	62	544.02	AC	257	44	POOR	Y	
HAM08240	DALTON AV	FLINT ST	W LIBERTY ST	64	653.94	AC	351	69	FAIR	Y	
HAM08707	DALTON AV	GEST ST	HOPKINS ST	53	790.58	PCC	482	63	FAIR	Y	
HAM08709	DALTON AV	HOPKINS ST	KENNER ST	36	618.29	AC	650	67	FAIR	Y	
HAM52558	DALTON AV	LINN ST	CARR ST	54	1348.18	AC	298	50	POOR	Y	
HAM27451	DALTON AV	SHERMAN AV	FINDLAY ST	61	514.21	AC	290	58	FAIR	Y	
HAM55648	DALTON AV	W 7TH ST	W 8TH ST	54	272.49	AC	635	68	FAIR	Y	
HAM08708	DALTON AV	W 9TH ST	GEST ST	57	810.54	PCC	485	59	FAIR	Y	
HAM08237	DALTON AV	W LIBERTY ST	SHERMAN AV	63	254.82	AC	214	64	FAIR	Y	
HAM27405	DALTON AV	YORK ST	BANK ST	60	827.18	AC	276	69	FAIR	Y	
HAM13870	DALY RD	BRUSHWOOD AV	W GALBRAITH RD	41	821.05	AC	293	83	SATISFACTORY	Y	
HAM00851	DALY RD	CINC|SPRGTP CORPLINE	HOLLYWOOD AV	40	738.32	AC	271	87	GOOD	Y	
HAM29573	DALY RD	CINC|SPRGTP CORPLINE	HEARTHSTONE DR	36	531.54	AC	190	89	GOOD	Y	
HAM01303	DALY RD	HOLLYWOOD AV	BRUSHWOOD AV	41	2173.46	AC	114	85	SATISFACTORY	Y	
HAM29564	DALY RD	W GALBRAITH RD	CINC|SPRGTP CORPLINE	50	282.33	AC	650	80	SATISFACTORY	Y	
HAM10294	DALY RD	W NORTH BEND RD	CINC| SPRGTP CORPLINE	40	1352.43	AC	232	78	SATISFACTORY	Y	
HAM13097	DALZELL ST	GLENSHADE AV	WINONA TER	19	316.87	AC	650	40	VERY POOR	Y	
HAM12301	DANA AV	BEVIS AV	WABASH AV	47	323.06	AC	202	74	SATISFACTORY	Y	
HAM12308	DANA AV	BROOKS AV	MONTGOMERY RD	39	494.97	AC	212	53	POOR	Y	
HAM12307	DANA AV	CLARION AV	BROOKS AV	36	347.33	AC	216	50	POOR	Y	
HAM26207	DANA AV	CLINTON SPRINGS AV	DAKOTA AV	38	942.11	AC	265	44	POOR	Y	
HAM26205	DANA AV	DAKOTA AV	WINDING WY	37	364.42	AC	250	42	POOR	Y	
HAM07799	DANA AV	DUCK CREEK RD TO DANA AV RAMP	MADISON RD	70	2072.04	AC	299	70	FAIR	Y	
HAM25646	DANA AV	EVANSTON AV	REALISTIC AV	46	612.28	AC	407	65	FAIR	Y	
HAM25661	DANA AV	FLORAL AV	I-71 NB EXWY	85	388.64	AC	345	84	SATISFACTORY	Y	
HAM26289	DANA AV	IDLEWILD AV	NEWTON AV	36	149.85	AC	248	80	SATISFACTORY	Y	
HAM12304	DANA AV	MONTGOMERY RD	TRIMBLE AV	46	521.48	AC	485	84	SATISFACTORY	Y	
HAM26305	DANA AV	MUSKETEER DR	WOODBURN AV	40	843.78	AC	273	94	GOOD	Y	
HAM26224	DANA AV	NEWTON AV	CLARION AV	36	297.53	AC	233	58	FAIR	Y	
HAM12772	DANA AV	READING RD	CLINTON SPRINGS AV	34	418.72	AC	588	78	SATISFACTORY	Y	
HAM25645	DANA AV	REALISTIC AV	FLORAL AV	53	519.83	AC	268	59	FAIR	Y	
HAM26290	DANA AV	ST FRANCIS XAVIER WY	IDLEWILD AV	40	538.44	AC	578	78	SATISFACTORY	Y	
HAM12300	DANA AV	TRIMBLE AV	BEVIS AV	46	348.79	AC	187	64	FAIR	Y	
HAM26304	DANA AV	VICTORY PKWY	MUSKETEER DR	40	545.18	AC	542	89	GOOD	Y	
HAM61587	DANA AV	VICTORY PKWY	VICTORY PKWY	40	301.48	AC	238	66	FAIR	Y	
HAM12302	DANA AV	WABASH AV	EVANSTON AV	46	316.42	AC	262	72	SATISFACTORY	Y	
HAM61583	DANA AV CONN	VICTORY PKWY	DANA AV	34	473.44	AC	414	28	VERY POOR	Y	
HAM66696	DANA AV TO I-71 NB EXWY RAMP	DANA AV	DANA AV TO I-71 NB EXWY RAMP	15	787.84	AC	176	96	GOOD	Y	NOT LIKE SHAPEFILE
HAM38629	DANCE CT	W 8TH ST	TERM N OF W 8TH ST	35	322.52	PCC	640	96	GOOD	Y	
HAM39657	DANDRIDGE ST	PENDLETON ST	TERM E OF PENDLETON ST	23	402.34	AC	650	60	FAIR	Y	
HAM39659	DANDRIDGE ST	TERM W OF READING RD	READING RD	18	334.06	AC	650	81	SATISFACTORY	Y	
HAM07533	DANE AV	APJONES ST	PULLAN AV	40	350.32	AC	455	41	POOR	Y	
HAM35482	DANE AV	BERCLIFF AV	TERM NE OF BERCLIFF AV	21	361.94	AC	650	33	VERY POOR	Y	
HAM07505	DANE AV	BOYD ST	KNOWLTON ST	40	297.43	AC	566	42	POOR	Y	
HAM07514	DANE AV	CHASE AV	ELLIS ST	41	338.20	AC	650	35	VERY POOR	Y	
HAM07528	DANE AV	ELLIS ST	APJONES ST	40	319.36	AC	613	42	POOR	Y	
HAM50382	DANE AV	KNOWLTON ST	CHASE AV	40	660.23	AC	467	39	VERY POOR	Y	
HAM07535	DANE AV	PULLAN AV	WEIPUL AL	38	155.82	AC	560	40	VERY POOR	Y	
HAM07507	DANE AV	SPRING GROVE AV	BOYD ST	39	334.77	AC	442	43	POOR	Y	
HAM01770	DANE AV	WEIGOLD AV	BERCLIFF AV	33	290.37	AC	611	28	VERY POOR	Y	
HAM01771	DANE AV	WEIPUL AL	WEIGOLD AV	36	174.57	AC	528	36	VERY POOR	Y	
HAM58194	DANIELS WALK	BARNSIDE LN	TERM NW OF BARNSIDE LN	30	137.47	AC	493	93	GOOD	Y	
HAM58192	DANIELS WALK	BLACKBERRY ST	PARKVIEW CIR	30	311.19	AC	506	92	GOOD	Y	
HAM58193	DANIELS WALK	PARKVIEW CIR	BARNSIDE LN	30	288.23	AC	422	92	GOOD	Y	
HAM35500	DANROTH CT	TERM S OF W NORTH BEND RD	W NORTH BEND RD	24	350.34	AC	650	95	GOOD	Y	
HAM11569	DANTE AV	DOON AV	BANTRY AV	55	541.86	AC	279	53	POOR	Y	
HAM11568	DANTE AV	IRIS AV	DOON AV	25	401.14	AC	191	94	GOOD	Y	
HAM22337	DARBY RD	RIVER RD	HILLSIDE AV	12	1119.62	AC	650	89	GOOD	Y	
HAM18338	DARROW AV	MELLWOOD AV	CIRCLE AV	26	445.77	AC	650	81	SATISFACTORY	Y	
HAM00317	DART ST	RIVER RD	HILLSIDE AV	14	380.22	AC	650	38	VERY POOR	Y	
HAM15546	DARTMOUTH DR	BROADWELL AV	MONTANA AV	36	339.07	AC	650	46	POOR	Y	
HAM38977	DARTMOUTH DR	DAYTONA AV	TERM N OF DAYTONA AV	24	420.17	AC	650	24	SERIOUS	Y	
HAM15459	DARTMOUTH DR	HILDRETH AV	DAYTONA AV	24	328.81	AC	476	38	VERY POOR	Y	
HAM15428	DARTMOUTH DR	MANNING AV	HILDRETH AV	20	320.08	AC	635	37	VERY POOR	Y	
HAM21774	DARTMOUTH DR	RENFRO AV	MANNING AV	21	172.18	AC	650	39	VERY POOR	Y	
HAM38981	DARTMOUTH DR	TERM S OF BROADWELL AV	BROADWELL AV	36	83.64	AC	650	58	FAIR	Y	

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HAM38969	DARTMOUTH DR	TERM S OF RENFRO AV	RENFRO AV	21	113.43	AC	650	47	POOR	Y	
HAM26419	DAUNER AV	ALGONA PL	GREENLAWN AV	37	259.97	AC	650	22	SERIOUS	Y	
HAM26400	DAUNER AV	GREENLAWN AV	MONTGOMERY RD	36	287.24	AC	557	28	VERY POOR	Y	
HAM26432	DAUNER AV	WOODBURN AV	ALGONA PL	37	257.16	AC	650	59	FAIR	Y	
HAM11863	DAUTEL AV	HARRISON AV	FABER AV	19	617.40	AC	649	61	FAIR	Y	ONE WAY
HAM07164	DAVENANT AV	DOGWOOD LN	ONONDAGO AV	30	364.47	AC	294	95	GOOD	Y	
HAM10823	DAVENANT AV	KINOLL AV	VALLEYVIEW AV	18	341.75	AC	229	93	GOOD	Y	
HAM38080	DAVENANT AV	ONONDAGO AV	TERM E OF ONONDAGO AV	22	386.86	AC	650	93	GOOD	Y	
HAM38081	DAVENANT AV	TERM W OF KINOLL AV	KINOLL AV	18	330.98	AC	650	87	GOOD	Y	
HAM07160	DAVENANT AV	VALLEYVIEW AV	WYATT AV	18	340.13	AC	260	85	SATISFACTORY	Y	
HAM07161	DAVENANT AV	WYATT AV	DOGWOOD LN	30	1028.25	AC	172	94	GOOD	Y	
HAM63611	DAVENPORT AV	S TERM OF PUBLIC	N TERM OF PUBLIC	16	214.31	AC	650	47	POOR	Y	
HAM01959	DAVEY AV	LARCH AV	LINDEN DR	25	357.63	AC	472	81	SATISFACTORY	Y	
HAM01953	DAVEY AV	LINDEN DR	LLANFAIR AV	25	515.33	AC	422	88	GOOD	Y	
HAM30971	DAVID ST	CLAYERS LN	EAST LAUREL PARK DR	25	123.00	AC	650	100	GOOD	Y	ONE WAY
HAM30970	DAVID ST	JOHN ST	CLAYERS LN	25	237.09	AC	383	100	GOOD	Y	ONE WAY
HAM30759	DAVID ST	PINECONE LN	JONES ST	24	251.42	AC	650	84	SATISFACTORY	Y	ONE WAY
HAM53722	DAVID ST	WEST LAUREL PARK DR	PINECONE LN	25	122.88	AC	650	67	FAIR	Y	ONE WAY
HAM39677	DAVIES PL	TERM W OF STEWART AV	STEWART AV	20	586.73	AC	530	88	GOOD	Y	
HAM36964	DAVLIN AV	LE CONTE AV	TERM N OF LE CONTE AV	24	167.09	AC	650	73	SATISFACTORY	Y	
HAM02441	DAVORAN ST	BEECH AV	MANSS AV	10	259.67	AC	650	95	GOOD	Y	ONE WAY
HAM11053	DAVORAN ST	MINION AV	BEECH AV	20	238.09	AC	650	60	FAIR	Y	
HAM11054	DAVORAN ST	WYOMING AV	MINION AV	19	248.49	AC	650	72	SATISFACTORY	Y	
HAM14314	DAWES LN	CLIO AV	MEARS AV	15	379.70	AC	631	46	POOR	Y	
HAM36988	DAWES LN	MEARS AV	TERM E OF MEARS AV	10	1078.10	AC	519	52	POOR	Y	
HAM39133	DAWN RD	CREST HILL AV	TERM N OF CREST HILL AV	24	868.50	AC	183	93	GOOD	Y	
HAM26977	DAWSON AV	RALSTON AV	DREMAN AV	32	582.81	AC	332	42	POOR	Y	
HAM38545	DAWSON AV	TERM S OF RALSTON AV	RALSTON AV	30	173.15	AC	601	58	FAIR	Y	
HAM37676	DAY CT	TERM E OF QUEEN CITY AV	QUEEN CITY AV	26	462.73	AC	591	44	POOR	Y	
HAM08194	DAYTON ST	BAYMILLER ST	PINK AL	32	482.73	AC	517	63	FAIR	Y	
HAM27409	DAYTON ST	BRIGHT AL	COLERAIN AV	29	131.27	AC	650	58	FAIR	Y	
HAM09512	DAYTON ST	CENTRAL AV	WHITEMAN ST	33	630.39	AC	650	33	VERY POOR	Y	
HAM32145	DAYTON ST	COLERAIN AV	TERM W OF COLERAIN AV	28	422.30	AC	561	45	POOR	Y	
HAM27425	DAYTON ST	FREEMAN AV	BRIGHT AL	30	332.80	AC	491	38	VERY POOR	Y	
HAM08439	DAYTON ST	KEYWITT AL	LINN ST	33	160.15	AC	650	50	POOR	Y	
HAM10392	DAYTON ST	LINN ST	BAYMILLER ST	30	590.57	AC	650	48	POOR	Y	
HAM08231	DAYTON ST	PINK AL	FREEMAN AV	31	137.16	AC	650	68	FAIR	Y	
HAM08440	DAYTON ST	WHITEMAN ST	KEYWITT AL	32	139.56	AC	650	45	POOR	Y	
HAM15443	DAYTONA AV	BOUDINOT AV	CORAL PARK DR	30	417.72	AC	650	48	POOR	Y	
HAM15470	DAYTONA AV	BUELL ST	LAKEVIEW AV	19	362.91	AC	650	59	FAIR	Y	
HAM15458	DAYTONA AV	CHEVIOT AV	DARTMOUTH DR	30	648.57	AC	411	37	VERY POOR	Y	
HAM15446	DAYTONA AV	CORAL PARK DR	CHEVIOT AV	30	515.85	AC	484	44	POOR	Y	
HAM15465	DAYTONA AV	DARTMOUTH DR	MCLELLAND AV	30	351.35	AC	601	58	FAIR	Y	
HAM15667	DAYTONA AV	EPWORTH AV	BOUDINOT AV	37	1002.32	AC	358	48	POOR	Y	
HAM15475	DAYTONA AV	GLENMORE AV	STANHOPE AV	21	369.72	AC	650	32	VERY POOR	Y	
HAM34444	DAYTONA AV	KOENIG AV	EPWORTH AV	24	361.54	AC	650	83	SATISFACTORY	Y	
HAM15469	DAYTONA AV	MCLELLAND AV	SHERIDAN ST	31	360.83	AC	524	60	FAIR	Y	
HAM15473	DAYTONA AV	SHERIDAN ST	GLENMORE AV	31	359.82	AC	650	54	POOR	Y	
HAM15474	DAYTONA AV	STANHOPE AV	BUELL ST	20	368.86	AC	527	37	VERY POOR	Y	
HAM26759	DE CAMP AV	VINE ST	WOODBINE AV	26	1253.65	AC	472	91	GOOD	Y	
HAM39187	DE FOREST DR	TERM W OF MARBURG AV	MARBURG AV	20	528.18	AC	593	44	POOR	Y	
HAM25550	DE VOTIE AV	ENSLIN ST	MARSHALL AV	23	488.71	AC	552	73	SATISFACTORY	Y	
HAM50180	DE VOTIE AV	TERM NE OF ENSLIN ST	ENSLIN ST	20	217.50	AC	650	80	SATISFACTORY	Y	
HAM38256	DEAN CT	WAYSIDE AV	TERM NW OF WAYSIDE AV	24	319.41	AC	650	62	FAIR	Y	
HAM38396	DEBBE LN	TERM NW OF READING RD	READING RD	21	425.68	AC	650	74	SATISFACTORY	Y	
HAM38200	DEBONAIR CT	DON RICH CT	TERM N OF DON RICH CT	24	167.11	AC	650	73	SATISFACTORY	Y	
HAM30283	DEBONAIR CT	STILLWELL RD	DON RICH CT	24	1126.67	AC	486	69	FAIR	Y	
HAM02799	DEBRECK AV	HOLLENSHADE AV	HARRISON AV	30	668.28	AC	579	42	POOR	Y	
HAM25577	DECKEBACH AV	PROBASCO ST	RIDDLE RD	21	457.53	AC	527	72	SATISFACTORY	Y	
HAM27858	DECKER AL	LIBERTY HILL	CORPORATION AL	13	161.31	AC	650	60	FAIR	Y	
HAM21335	DEE AL	VERNE AV	BROWNWAY AV	13	346.36	AC	650	93	GOOD	Y	ONE WAY
HAM54543	DEERCOVE CT	FOXCOVE CT	TERM W OF FOXCOVE CT	21	360.83	AC	505	91	GOOD	Y	
HAM20342	DEERFIELD PL	MORRIS ST	GILBERT AV	30	608.07	AC	650	53	POOR	Y	
HAM37096	DEERING ST	EASTERN AV	TERM NE OF EASTERN AV	9	144.86	AC	650	50	POOR	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM02054	DEL MONTE PL	WARSAW AV	TERM N OF WARSAW AV	27	560.31	AC	482	89	GOOD	Y	
HAM55758	DELANEY ST	BLUE ROCK ST	BOSWELL AL	24	155.33	AC	650	45	POOR	Y	
HAM07367	DELANEY ST	BOSWELL AL	TERM N OF BOSWELL AL	25	102.10	AC	650	61	FAIR	Y	
HAM07351	DELANEY ST	CHASE AV	ELLA ST	25	239.14	AC	462	35	VERY POOR	Y	
HAM07386	DELANEY ST	ELLA ST	PULLAN AV	25	400.20	AC	650	46	POOR	Y	
HAM07458	DELANEY ST	HOFFNER ST	MARBLE AL	25	490.15	AC	650	66	FAIR	Y	
HAM07369	DELANEY ST	MARBLE AL	BLUE ROCK ST	24	164.76	AC	650	38	VERY POOR	Y	
HAM38889	DELEHANTY CT	RIDGEVIEW AV	TERM N OF RIDGEVIEW AV	24	193.87	AC	650	76	SATISFACTORY	Y	
HAM16923	DELHI AV	HARTMAN ST	LODWICK ST	24	84.42	AC	483	54	POOR	Y	ONE WAY
HAM16924	DELHI AV	HARTMAN ST	HARTMAN ST	23	92.23	AC	370	51	POOR	Y	ONE WAY
HAM16941	DELHI AV	LODWICK ST	RENTER ST	22	906.68	AC	265	68	FAIR	Y	ONE WAY
HAM16946	DELHI AV	RENTER ST	FAIRBANKS AV	24	604.45	AC	299	67	FAIR	Y	ONE WAY

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM16920	DELHI AV	RIVER RD	HARTMAN ST	24	880.39	AC	548	56	FAIR	Y	ONE WAY
HAM14877	DELHI AV	ROSEMONT AV	CINC|DELHTP CORPLINE	34	343.44	AC	334	63	FAIR	Y	
HAM16948	DELHI AV	TERM SE OF ROSEMONT AV	ROSEMONT AV	35	1604.94	AC	286	55	POOR	Y	
HAM14340	DELIQUIA DR	WAYSIDE CT	BAGDAD DR	24	868.61	AC	455	62	FAIR	Y	
HAM36986	DELL TER	TERM S OF CAMBRIDGE AV	CAMBRIDGE AV	25	679.16	AC	598	45	POOR	Y	
HAM12221	DELMAR AV	LESTER RD	TANNER AV	21	371.98	AC	650	40	VERY POOR	Y	
HAM33931	DELPHOS AV	HARVEST AV	BEREDITH PL	25	488.08	AC	566	94	GOOD	Y	
HAM03383	DELRIDGE DR	CAPPEL DR	FOLEY RD	20	678.63	AC	650	31	VERY POOR	Y	
HAM30337	DELRIDGE DR	CLANORA DR	WILBUD DR	19	246.62	AC	395	24	SERIOUS	Y	
HAM03379	DELRIDGE DR	WILBUD DR	CAPPEL DR	20	486.85	AC	479	27	VERY POOR	Y	
HAM06129	DELTA AV	COLUMBIA PKWY	WIDMAN PL	55	560.79	AC	280	93	GOOD	Y	
HAM56006	DELTA AV	DELTA TER	GRANDIN RD	56	332.08	AC	190	83	SATISFACTORY	Y	
HAM06989	DELTA AV	EASTERN AV	COLUMBIA PKWY	72	261.22	AC	650	86	GOOD	Y	
HAM09251	DELTA AV	GLENGYLE AV	HARDISTY AV	55	296.15	AC	150	88	GOOD	Y	
HAM06127	DELTA AV	GOLDEN AV	LAWLER ST	55	638.12	AC	135	76	SATISFACTORY	Y	
HAM56007	DELTA AV	GRANDIN RD	KLEYBOLTE AV	56	265.06	AC	155	89	GOOD	Y	
HAM34299	DELTA AV	GRIEST AV	SPRINGER AV	56	359.10	AC	132	81	SATISFACTORY	Y	
HAM09250	DELTA AV	HARDISTY AV	WILLIS AV	56	292.82	AC	131	75	SATISFACTORY	Y	
HAM05402	DELTA AV	HUMBERT ST	WOOL ST	20	494.43	AC	493	87	GOOD	Y	
HAM38917	DELTA AV	KLEYBOLTE AV	KROGER AV	56	212.51	AC	174	86	GOOD	Y	
HAM18046	DELTA AV	KROGER AV	SPENCERHILL LN	56	1476.93	AC	136	81	SATISFACTORY	Y	
HAM06126	DELTA AV	LAWLER ST	DELTA TER	55	303.62	AC	156	71	SATISFACTORY	Y	
HAM34290	DELTA AV	LINWOOD AV	LOOKOUT LN	29	156.05	AC	275	87	GOOD	Y	
HAM61605	DELTA AV	LOOKOUT LN	TERM N OF	34	138.29	AC	259	85	SATISFACTORY	Y	
HAM09358	DELTA AV	NILES ST	GRIEST AV	55	593.74	AC	147	86	GOOD	Y	
HAM09312	DELTA AV	OBSERVATORY AV	ERIE AV	55	520.40	AC	609	93	GOOD	Y	
HAM18045	DELTA AV	SPENCERHILL LN	LINWOOD AV	55	829.68	AC	250	88	GOOD	Y	
HAM09318	DELTA AV	SPRINGER AV	OBSERVATORY AV	56	456.67	AC	149	86	GOOD	Y	
HAM61603	DELTA AV	TERM SW OF	GLENGYLE AV	56	412.04	AC	369	82	SATISFACTORY	Y	
HAM06128	DELTA AV	WIDMAN PL	GOLDEN AV	56	207.89	AC	172	88	GOOD	Y	
HAM09277	DELTA AV	WILLIS AV	NILES ST	55	363.80	AC	132	84	SATISFACTORY	Y	
HAM05395	DELTA AV	WOOL ST	KELLOGG AV	23	413.01	AC	348	50	POOR	Y	
HAM09133	DELTAMONT LN	COLUMBIA PKWY	BEECHMONT AV	27	1191.39	AC	322	91	GOOD	Y	
HAM08168	DEMPSEY ST	BEEKMAN ST	LIDDELL ST	30	246.85	AC	650	78	SATISFACTORY	Y	
HAM25527	DEMPSEY ST	CUMMINS ST	BEEKMAN ST	22	328.05	AC	650	95	GOOD	Y	
HAM08054	DENHAM ST	BEEKMAN ST	LINDEN ST	31	758.67	AC	435	94	GOOD	Y	
HAM08059	DENHAM ST	LINDEN ST	SEEGAR AV	30	1163.06	AC	200	95	GOOD	Y	
HAM02865	DENHAM ST	SEEGAR AV	CASPER ST	31	1015.35	AC	385	95	GOOD	Y	
HAM38631	DENMAN ST	KENNER ST	TERM N OF KENNER ST	30	360.79	AC	650	23	SERIOUS	Y	
HAM33259	DENNIS ST	CALHOUN ST	CLASSEN ST	24	228.54	AC	650	31	VERY POOR	Y	
HAM33260	DENNIS ST	CLASSEN ST	CORRY BLVD	21	260.53	AC	650	89	GOOD	Y	
HAM08774	DEPOT ST	DUTTON ST	SOUTH ST	29	257.54	AC	540	70	FAIR	Y	
HAM39213	DEPOT ST	GEST ST	TERM N OF GEST ST	33	495.32	AC	650	32	VERY POOR	Y	
HAM08722	DEPOT ST	PARDEE AL	W 8TH ST	30	171.22	AC	650	63	FAIR	Y	
HAM08773	DEPOT ST	SOUTH ST	GEST ST	36	455.07	AC	467	84	SATISFACTORY	Y	
HAM08775	DEPOT ST	W 8TH ST	DUTTON ST	30	266.75	AC	586	74	SATISFACTORY	Y	
HAM00087	DERBY AV	CIRCLE AV	WINTON RD	38	729.03	AC	650	87	GOOD	Y	
HAM00090	DERBY AV	MELLWOOD AV	NORTH EDGEWOOD AV	28	212.71	AC	228	91	GOOD	Y	
HAM00089	DERBY AV	NORTH EDGEWOOD AV	CIRCLE AV	27	265.21	AC	650	91	GOOD	Y	
HAM18130	DERBY AV	W MITCHELL AV	MELLWOOD AV	28	249.96	AC	650	93	GOOD	Y	
HAM07878	DERONDA CT	LEROY CT	GLENCOE PL	20	155.34	AC	650	48	POOR	Y	UNCOLLECTED PORTION BLOCKED BY DEBRIS
HAM30871	DERRICK TURNBOW AV	CLAYERS LN	EAST LAUREL PARK DR	26	123.00	AC	650	68	FAIR	Y	
HAM30870	DERRICK TURNBOW AV	JOHN ST	CLAYERS LN	31	301.30	AC	516	83	SATISFACTORY	Y	
HAM30887	DERRICK TURNBOW AV	JONES ST	LINN ST	30	202.38	AC	600	63	FAIR	Y	
HAM38646	DERRICK TURNBOW AV	LINN ST	TERM W OF LINN ST	29	251.40	AC	650	53	POOR	Y	
HAM30886	DERRICK TURNBOW AV	PINECONE LN	JONES ST	30	251.30	AC	418	51	POOR	Y	
HAM30885	DERRICK TURNBOW AV	WEST LAUREL PARK DR	PINECONE LN	29	123.01	AC	650	61	FAIR	Y	
HAM09877	DESALEARS AL	ST MICHAEL ST	STORRS ST	8	455.91	BR	650	-1		Y	UNCOLLECTED PORTION BLOCKED BY DEBRIS
HAM05920	DESALES LN	CLEINVIEW AV	FAIRFIELD AV	21	350.49	AC	633	46	POOR	Y	ONE WAY
HAM21567	DESALES LN	HACKBERRY ST	CLEINVIEW AV	19	303.29	AC	650	64	FAIR	Y	ONE WAY
HAM21539	DESALES LN	WOODBURN AV	HACKBERRY ST	20	543.31	AC	650	39	VERY POOR	Y	ONE WAY
HAM13070	DESMOND ST	CHAPMAN ST	GLENSHADE AV	30	593.04	AC	323	47	POOR	Y	
HAM13113	DESMOND ST	CONWAY ST	UNNAMED AL	30	83.36	AC	262	79	SATISFACTORY	Y	
HAM33936	DESMOND ST	GLENSHADE AV	KENWOOD RD	30	536.99	AC	566	35	VERY POOR	Y	
HAM13072	DESMOND ST	KENWOOD RD	CONWAY ST	30	176.89	AC	650	72	SATISFACTORY	Y	
HAM13068	DESMOND ST	MATHIS ST	CHAPMAN ST	31	254.83	AC	302	47	POOR	Y	
HAM00507	DESMOND ST	RAVENNA ST	WHETSEL AV	22	348.91	AC	650	32	VERY POOR	Y	
HAM13133	DESMOND ST	ROANOKE ST	TERM E OF ROANOKE ST	30	338.97	AC	499	50	POOR	Y	
HAM13114	DESMOND ST	UNNAMED AL	ROANOKE ST	31	199.51	AC	316	65	FAIR	Y	
HAM09592	DESMOND ST	WARD ST	MATHIS ST	30	342.15	AC	492	45	POOR	Y	
HAM09590	DESMOND ST	WHETSEL AV	WARD ST	23	355.12	AC	650	34	VERY POOR	Y	
HAM55386	DESTINY CT	FAITH ST	TERM N OF FAITH ST	31	179.08	AC	490	86	GOOD	Y	
HAM19944	DETZEL PL	TERM E OF MOERLEIN AV	MOERLEIN AV	24	353.42	AC	650	66	FAIR	Y	
HAM38938	DEVONSHIRE DR	WAKEFIELD DR	TERM NE OF WAKEFIELD DR	23	655.50	AC	650	59	FAIR	Y	
HAM00894	DEVONWOOD DR	HOLLYWOOD AV	THOMWOOD DR	24	677.50	AC	325	49	POOR	Y	
HAM00839	DEVONWOOD DR	LARRYWOOD LN	HOLLYWOOD AV	24	371.70	AC	503	58	FAIR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM10302	DEVONWOOD DR	OAK KNOLL DR	CINC|NCOLHL CORPLINE	24	214.34	AC	318	39	VERY POOR	Y	
HAM00821	DEVONWOOD DR	TEAKWOOD AV	LARRYWOOD LN	24	359.22	AC	488	45	POOR	Y	
HAM10301	DEVONWOOD DR	THOMWOOD DR	OAK KNOLL DR	25	762.61	AC	260	64	FAIR	Y	
HAM00825	DEVONWOOD DR	WITTEKIND TER	TEAKWOOD AV	20	359.39	AC	520	34	VERY POOR	Y	
HAM02442	DEWEY AV	GILSEY AV	HEYWARD ST	18	533.37	AC	650	86	GOOD	Y	
HAM02120	DEWEY AV	GLENWAY AV	W LIBERTY ST	30	1081.41	AC	518	91	GOOD	Y	
HAM32371	DEWEY AV	W LIBERTY ST	TALBERT ST	25	1015.47	AC	424	93	GOOD	Y	
HAM07740	DEXTER AV	CLEINVIEW AV	FAIRFIELD AV	31	354.83	AC	241	95	GOOD	Y	
HAM60431	DEXTER AV	DEXTER PL	WOLD AV	15	634.78	AC	642	95	GOOD	Y	
HAM60432	DEXTER AV	FAIRFIELD AV	DEXTER PL	15	377.25	AC	347	95	GOOD	Y	
HAM21603	DEXTER AV	HACKBERRY ST	CLEINVIEW AV	30	307.35	AC	360	95	GOOD	Y	
HAM07783	DEXTER AV	WOLD AV	ANNWOOD ST	30	342.70	AC	419	95	GOOD	Y	
HAM32096	DEXTER AV	WOODBURN AV	HACKBERRY ST	29	509.14	AC	650	95	GOOD	Y	
HAM05709	DICK ST	FOREST AV	TALLANT AV	20	472.94	AC	650	100	GOOD	Y	
HAM38357	DICK ST	TALLANT AV	TERM N OF TALLANT AV	20	373.54	AC	463	100	GOOD	Y	
HAM07189	DICKENS AV	KENNEDY AV	KINOLL AV	19	339.07	AC	650	53	POOR	Y	
HAM07192	DICKENS AV	KINOLL AV	VALLEYVIEW AV	19	339.68	AC	578	35	VERY POOR	Y	
HAM07497	DICKS AL	ELLIS ST	APJONES ST	10	315.73	AC	650	32	VERY POOR	Y	
HAM00124	DICKSON AV	CLINTON SPRINGS AV	STURGIS AV	36	287.52	AC	650	74	SATISFACTORY	Y	
HAM00119	DICKSON AV	STURGIS AV	WEDGEWOOD AV	34	384.73	AC	304	76	SATISFACTORY	Y	
HAM00130	DICKSON AV	WEDGEWOOD AV	E MITCHELL AV	35	708.26	AC	348	74	SATISFACTORY	Y	
HAM31208	DIGBY AV	JOSELIN AV	PROBASCO ST	25	496.97	AC	396	71	SATISFACTORY	Y	
HAM34089	DIGBY AV	TERM S OF JOSELIN AV	JOSELIN AV	24	239.25	AC	444	77	SATISFACTORY	Y	
HAM38868	DILLON AV	PRINCIPIO AV	TERM N OF PRINCIPIO AV	17	776.22	AC	650	83	SATISFACTORY	Y	
HAM58012	DILLWARD ST	DILLWARD PL	W 73RD ST	30	434.87	AC	391	80	SATISFACTORY	Y	
HAM07603	DILLWARD ST	W 73RD ST	W NORTH BEND RD	20	359.03	AC	255	72	SATISFACTORY	Y	
HAM58011	DILLWARD ST	W SEYMOUR AV	DILLWARD PL	30	175.95	AC	640	83	SATISFACTORY	Y	
HAM38973	DIRHEIM AV	TERM S OF LISCHER AV	LISCHER AV	26	468.70	BR	650	-1		Y	
HAM28176	DIRR ST	DREMAN AV	ELMORE ST	29	964.81	AC	310	28	VERY POOR	Y	
HAM26504	DISNEY ST	FACTORY COLONY LN	IBSEN AV	35	1211.28	AC	251	81	SATISFACTORY	Y	
HAM27993	DIX ST	E MCMILLAN ST	CROWN ST	17	380.76	AC	650	25	SERIOUS	Y	
HAM17790	DIXIE AV	SHEEHAN AV	OXLEY ST	23	520.01	AC	352	95	GOOD	Y	
HAM26328	DIXMONT AV	GILBERT AV	GILBERT AV	30	1005.30	AC	650	36	VERY POOR	Y	
HAM41220	DIXMYTH AV	CLIFTON AV	WHITFIELD AV	40	1364.44	PCC	381	69	FAIR	Y	
HAM41221	DIXMYTH AV	WHITFIELD AV	W MARTIN LUTHER KING JR DR	42	229.91	PCC	650	81	SATISFACTORY	Y	
HAM00094	DOBERRER AV	FROOME AV	HAND AV	29	454.21	AC	650	70	FAIR	Y	
HAM35379	DOBERRER AV	HAND AV	TERM N OF HAND AV	27	378.85	AC	650	73	SATISFACTORY	Y	
HAM27816	DODT AL	PENDLETON ST	WIDDELL AL	8	129.14		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM27818	DODT AL	WIDDELL AL	E 12TH ST	8	319.34		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM37289	DOERGER LN	TERM S OF DOUGLAS TER	DOUGLAS TER	23	1061.70	AC	314	73	SATISFACTORY	Y	
HAM25810	DOERR AL	ELKINS AL	W COURT ST	8	165.74		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM25814	DOERR AL	ELKINS AL	W CENTRAL PKWY	8	120.17		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM25812	DOERR AL	GARFIELD PL	WEAVER AL	10	119.06		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM25819	DOERR AL	PENDERY AL	W COURT ST	9	164.59		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM25826	DOERR AL	W 7TH ST	W ONEIDIA AL	9	136.05		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM25821	DOERR AL	W 9TH ST	PENDERY AL	8	168.63		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM25863	DOERR AL	W CENTRAL PKWY	W 12TH ST	7	394.39		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM25838	DOERR AL	W ONEIDIA AL	GARFIELD PL	7	128.49		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM25803	DOERR AL	WEAVER AL	W 9TH ST	9	162.81		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM39026	DOEVIEW CT	S COVEYRUN CT	TERM W OF S COVEYRUN CT	18	194.99	AC	650	80	SATISFACTORY	Y	
HAM07181	DOGWOOD LN	E DOGWOOD LN	CINC|COLUTP CORPLINE	17	443.32	AC	650	30	VERY POOR	Y	
HAM30299	DON RICH CT	DEBONAIR CT	STILLWELL RD	25	301.42	AC	650	41	POOR	Y	
HAM07996	DONAHUE ST	BELLEVUE AV	HIGHLAND AV	30	406.85	AC	650	81	SATISFACTORY	Y	
HAM07994	DONAHUE ST	EDEN AV	GERARD ST	31	236.56	AC	650	60	FAIR	Y	
HAM08017	DONAHUE ST	GERARD ST	BELLEVUE AV	26	234.22	AC	650	60	FAIR	Y	
HAM08023	DONAHUE ST	HIGHLAND AV	BURNET AV	29	420.32	AC	650	60	FAIR	Y	
HAM02888	DONALDSON PL	LANGLAND ST	HAIGHT AV	30	560.91	AC	364	100	GOOD	Y	
HAM09079	DONHAM AV	DUMONT ST	EASTERN AV	25	162.69	AC	650	84	SATISFACTORY	Y	
HAM09088	DONHAM AV	EASTERN AV	MORRIS PL	30	288.04	AC	650	95	GOOD	Y	
HAM06048	DONHAM AV	KELLOGG AV	MEAD AV	22	240.01	AC	639	36	VERY POOR	Y	
HAM35958	DOON AV	GLEN AV	TERM N OF GLEN AV	25	722.73	AC	538	63	FAIR	Y	
HAM39676	DORA ST	CHANDLER ST	TERM N OF CHANDLER ST	24	253.18	PCC	650	73	SATISFACTORY	Y	
HAM27889	DORCHESTER AV	ALVIN ST	HIGHLAND AV	30	273.15	AC	650	42	POOR	Y	
HAM20288	DORCHESTER AV	BIGELOW ST	JOSEPHINE ST	32	247.20	AC	316	38	VERY POOR	Y	
HAM27899	DORCHESTER AV	BURNET AV	RYAN AV	30	308.09	AC	412	34	VERY POOR	Y	
HAM32137	DORCHESTER AV	ELEANOR PL	SYCAMORE ST	27	840.43	AC	650	56	FAIR	Y	
HAM27897	DORCHESTER AV	HIGHLAND AV	BURNET AV	30	293.18	AC	374	47	POOR	Y	
HAM26117	DORCHESTER AV	JOSEPHINE ST	YOUNG ST	30	299.09	AC	436	39	VERY POOR	Y	
HAM27901	DORCHESTER AV	RYAN AV	READING RD TO I-71 SB EXWY RAMP	44	457.59	AC	650	37	VERY POOR	Y	
HAM20287	DORCHESTER AV	SYCAMORE ST	BIGELOW ST	32	186.20	AC	650	43	POOR	Y	
HAM26118	DORCHESTER AV	YOUNG ST	ALVIN ST	31	375.13	AC	571	33	VERY POOR	Y	
HAM38993	DOROTHY LN	TERM S OF ATSON LN	ATSON LN	23	266.92	AC	650	85	SATISFACTORY	Y	
HAM32140	DORSEY ST	MAIN ST	SYCAMORE ST	30	419.25	AC	650	95	GOOD	Y	
HAM38555	DORSEY ST	TERM NW OF DORSEY ST SPLIT	MAIN ST	18	808.92	AC	305	93	GOOD	Y	
HAM12240	DOUGLAS TER	DOERGER LN	MARMION LN	25	374.69	AC	484	66	FAIR	Y	
HAM12239	DOUGLAS TER	GLENGATE LN	DOERGER LN	26	140.87	AC	323	49	POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM12238	DOUGLAS TER	LANGDON FARM RD	GLENGATE LN	25	247.08	AC	650	83	SATISFACTORY	Y	UNCOLLECTED PORTION BLOCKED BY BARRICADE
HAM12244	DOUGLAS TER	MARMION LN	LESTER RD	25	249.75	AC	650	50	POOR	Y	
HAM27941	DOVER ST	MORGAN ST	WAYNE ST	18	274.95	AC	650	26	VERY POOR	Y	
HAM27938	DOVER ST	WAYNE ST	E MCMILLAN ST	18	285.76	AC	650	29	VERY POOR	Y	
HAM37103	DOVETAIL LN	ROCKFORD PL	TERM NE OF ROCKFORD PL	23	237.77	AC	650	91	GOOD	Y	
HAM19758	DOWNING DR	MIDDLEBROOK AV	GROVEDALE AV	24	270.25	AC	259	59	FAIR	Y	
HAM37366	DOWNING DR	TERM W OF WESTGATE AV	WESTGATE AV	24	619.97	AC	527	77	SATISFACTORY	Y	
HAM19763	DOWNING DR	WESTGATE AV	MIDDLEBROOK AV	24	282.25	AC	650	69	FAIR	Y	
HAM19633	DRAKE AV	CADILLAC AV	MADISON RD	42	876.60	AC	511	26	VERY POOR	Y	
HAM19632	DRAKE AV	WASSON RD	CADILLAC AV	40	1102.38	AC	603	29	VERY POOR	Y	
HAM12149	DRAKEWOOD DR	CADILLAC AV	UNKNOWN	24	1301.96	AC	527	73	SATISFACTORY	Y	
HAM12758	DRAKEWOOD DR	WASSON RD	CADILLAC AV	36	1099.30	AC	508	35	VERY POOR	Y	
HAM25613	DRAPER ST	COOK ST	SPRING GROVE AV	36	336.89	AC	650	88	GOOD	Y	
HAM38489	DRAPER ST	SPRING GROVE AV	TERM W OF SPRING GROVE AV	36	156.17	AC	650	45	POOR	Y	
HAM29953	DREMAN AV	BEEKMAN ST	HERRON AV	35	943.19	AC	293	90	GOOD	Y	
HAM21893	DREMAN AV	BORDEN ST	LLEWELLYN AV	24	271.34	AC	163	95	GOOD	Y	
HAM26978	DREMAN AV	DAWSON AV	BORDEN ST	24	327.34	AC	462	93	GOOD	Y	
HAM28175	DREMAN AV	DIRR ST	FOLLETT AV	24	345.24	AC	323	94	GOOD	Y	
HAM29950	DREMAN AV	HERRON AV	CASS AV	27	248.89	AC	650	88	GOOD	Y	
HAM21892	DREMAN AV	LLEWELLYN AV	BEEKMAN ST	26	279.78	AC	185	93	GOOD	Y	
HAM28162	DREMAN AV	ROLL AV	DAWSON AV	24	260.61	AC	266	93	GOOD	Y	
HAM29490	DREMAN AV	TERM E OF DIRR ST	DIRR ST	36	452.97		-1	-1		N	BLOCKED BY BARRICADE
HAM26239	DREXEL PL	RIDGEWAY AV	BLAIR AV	30	442.55	AC	650	39	VERY POOR	Y	
HAM02011	DROTT AV	GLENWAY AV	TERM N OF GLENWAY AV	24	617.03	AC	650	50	POOR	Y	
HAM20305	DRUM AL	CLAY ST	CORAL AL	11	107.24		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM11532	DRYDEN AV	ARROW AV	GRAND VISTA AV	24	1193.06	AC	390	76	SATISFACTORY	Y	
HAM11529	DRYDEN AV	ORION AV	ARROW AV	24	352.22	AC	392	72	SATISFACTORY	Y	
HAM04853	DRYDEN AV	WOODFORD RD	ORION AV	24	398.94	AC	650	72	SATISFACTORY	Y	
HAM39670	DUCK CREEK CT	DUCK CREEK RD	TERM E OF DUCK CREEK RD	24	268.60	PCC	650	65	FAIR	Y	
HAM12289	DUCK CREEK RD	BEVIS AV	WABASH AV	44	220.84	AC	200	42	POOR	Y	
HAM17428	DUCK CREEK RD	CRANE AV	POTOMAC AV	46	1038.22	AC	234	44	POOR	Y	
HAM00566	DUCK CREEK RD	DUCK CREEK CT	RED BANK RD	54	375.36	AC	275	95	GOOD	Y	
HAM26402	DUCK CREEK RD	DUCK CREEK RD TO MONTGOMERY RD RAMP	STACEY AV	45	646.88	AC	574	37	VERY POOR	Y	
HAM00569	DUCK CREEK RD	EASTWOOD DR	DUCK CREEK CT	58	882.51	AC	139	95	GOOD	Y	
HAM12294	DUCK CREEK RD	EVANSTON AV	CRANE AV	47	684.58	AC	330	41	POOR	Y	
HAM26366	DUCK CREEK RD	HUDSON AV	TRIMBLE AV	44	353.55	AC	311	51	POOR	Y	
HAM26374	DUCK CREEK RD	I-71 NB EXWY TO DUCK CREEK RD RAMP	HUDSON AV	44	237.39	AC	233	56	FAIR	Y	
HAM30123	DUCK CREEK RD	KENNEDY AV	SAGUIN ST	35	595.96	PCC	423	91	GOOD	Y	
HAM00563	DUCK CREEK RD	OVERBROOK PL	EASTWOOD DR	37	1100.51	AC	222	95	GOOD	Y	
HAM17424	DUCK CREEK RD	POTOMAC AV	DANA AV	58	289.98	AC	339	95	GOOD	Y	
HAM00567	DUCK CREEK RD	RED BANK RD	RED BANK EXWY	70	294.03	AC	650	95	GOOD	Y	
HAM61570	DUCK CREEK RD	RIDGE AV TO DUCK CREEK RD RAMP	KENNEDY AV	25	637.88	PCC	494	97	GOOD	Y	
HAM30079	DUCK CREEK RD	SAGUIN ST	SHAWANOE TRL	37	691.46	AC	253	94	GOOD	Y	
HAM26444	DUCK CREEK RD	SHAWANOE TRL	STRATHMORE DR	36	258.06	AC	292	90	GOOD	Y	
HAM26373	DUCK CREEK RD	STACEY AV	I-71 NB EXWY TO DUCK CREEK RD RAMP	44	110.14	AC	312	39	VERY POOR	Y	
HAM00562	DUCK CREEK RD	STRATHMORE DR	OVERBROOK PL	36	1011.72	AC	194	93	GOOD	Y	
HAM26378	DUCK CREEK RD	TRIMBLE AV	BEVIS AV	44	355.65	AC	366	47	POOR	Y	
HAM12288	DUCK CREEK RD	WABASH AV	EVANSTON AV	44	275.09	AC	372	42	POOR	Y	
HAM53293	DUCK CREEK RD TO DANA AV RAMP	DUCK CREEK RD	DANA AV	20	521.65	AC	650	93	GOOD	Y	
HAM25482	DUKE ST	MAISEL DR	PROBASCO ST	15	503.25	AC	650	47	POOR	Y	
HAM20542	DULUTH AV	TERM S OF FOREST AV	RANDOLPH ST	11	271.46	AC	650	33	VERY POOR	Y	
HAM37109	DUMONT ST	CARREL ST	TERM SE OF CARREL ST	17	288.91	AC	650	85	SATISFACTORY	Y	UNCOLLECTED PORTION BLOCKED BY GATE
HAM09772	DUMONT ST	DONHAM AV	TENNYSON ST	12	672.55	AC	650	85	SATISFACTORY	Y	
HAM06123	DUMONT ST	MCCULLOUGH ST	CARREL ST	13	398.84	AC	650	86	GOOD	Y	
HAM09776	DUMONT ST	TENNYSON ST	MCCULLOUGH ST	13	394.11	AC	650	90	GOOD	Y	
HAM03134	DUNAWAY AV	TERM S OF WESTBROOK DR	WESTBROOK DR	27	1046.87	AC	452	55	POOR	Y	
HAM02840	DUNAWAY AV	WESTBROOK DR	WERK RD	27	956.61	AC	535	56	FAIR	Y	
HAM37680	DUNAWAY CT	VEAZEY AV	TERM N OF VEAZEY AV	21	376.00	AC	381	40	VERY POOR	Y	
HAM34304	DUNCAN AV	LINWOOD AV	OBSERVATORY AV	29	1246.44	AC	604	83	SATISFACTORY	Y	
HAM09379	DUNCAN AV	OBSERVATORY AV	ERIE AV	30	657.68	AC	561	87	GOOD	Y	
HAM37696	DUNHAM LN	DUNHAM WY	TERM NW OF DUNHAM WY	21	1094.14	AC	650	47	POOR	Y	UNCOLLECTED PORTION BLOCKED BY GATE
HAM37699	DUNHAM WY	DUNHAM LN	TERM NW OF DUNHAM LN	21	1367.77	AC	650	44	POOR	Y	
HAM32352	DUNHAM WY	GUERLEY RD	DUNHAM LN	22	684.96	AC	585	36	VERY POOR	Y	
HAM05725	DUNKIRK ST	BONNIEVIEW LN	NORWICH LN	22	299.47	AC	442	73	SATISFACTORY	Y	
HAM38355	DUNKIRK ST	NORWICH LN	TERM N OF NORWICH LN	19	167.57	AC	650	64	FAIR	Y	
HAM38363	DUNKIRK ST	TERM S OF BONNIEVIEW LN	BONNIEVIEW LN	26	113.52	AC	650	72	SATISFACTORY	Y	
HAM08365	DUNLAP ST	ETON PL	HENRY ST	22	247.47	AC	441	35	VERY POOR	Y	
HAM08406	DUNLAP ST	HENRY ST	STARK ST	25	492.93	AC	297	55	POOR	Y	
HAM08354	DUNLAP ST	LOGAN ST	ETON PL	23	146.41	AC	650	56	FAIR	Y	
HAM08358	DUNLAP ST	STARK ST	W MCMICKEN AV	23	260.38	AC	650	66	FAIR	Y	
HAM11500	DUNLOE AV	RED BANK RD	HEDGE AV	25	644.47	AC	347	95	GOOD	Y	
HAM11493	DUNLOE AV	TERM W OF RED BANK RD	RED BANK RD	21	222.91	AC	650	95	GOOD	Y	
HAM35484	DUNN CT	TERM E OF GLENMORE AV	GLENMORE AV	18	253.10	AC	650	56	FAIR	Y	
HAM37634	DUNNING PL	TERM W OF ERIE AV	ERIE AV	24	679.87	AC	650	72	SATISFACTORY	Y	
HAM39541	DUNORE RD	CROOKED STONE RD	TERM NE OF CROOKED STONE RD	19	790.59	AC	588	39	VERY POOR	Y	
HAM21830	DUNORE RD	OLD LUDLOW AV	CROOKED STONE RD	20	313.78	AC	650	46	POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM26505	DURAMED DR	RR OVERPASS	HIGHLAND DR	30	152.63	AC	650	78	SATISFACTORY	Y	
HAM36379	DURHAM ST	TERM SE OF SPRING GROVE AV	SPRING GROVE AV	20	504.58	AC	531	64	FAIR	Y	UNCOLLECTED PORTION DOCKING BAY
HAM26324	DURRELL AV	MERRIMAC ST	GILBERT AV	36	707.06	AC	308	92	GOOD	Y	
HAM21580	DURRELL AV	VICTORY PKWY	MERRIMAC ST	37	300.44	AC	650	53	POOR	Y	
HAM05842	DURY AV	ERKENBRECHER AV	HEARNE AV	36	361.31	AC	610	28	VERY POOR	Y	
HAM05950	DURY AV	HEARNE AV	NORTHERN AV	36	329.30	AC	509	33	VERY POOR	Y	
HAM34656	DURY AV	NORTHERN AV	ROCKDALE AV	33	570.49	AC	570	28	VERY POOR	Y	
HAM05712	DURY AV	ROCKDALE AV	FOREST AV	37	338.85	AC	650	28	VERY POOR	Y	
HAM00164	DUTCH COLONY DR	BETTMAN DR	HOLLAND DR	26	431.51	AC	169	57	FAIR	Y	
HAM00156	DUTCH COLONY DR	HEBRON CT	WINTON RIDGE LN	37	906.31	AC	228	81	SATISFACTORY	Y	
HAM00153	DUTCH COLONY DR	HOLLAND DR	WINNESTE AV	36	311.28	AC	319	77	SATISFACTORY	Y	
HAM00165	DUTCH COLONY DR	STRAND LN	BETTMAN DR	26	525.05	AC	164	70	FAIR	Y	
HAM38118	DUTCH COLONY DR	TERM SE OF STRAND LN	STRAND LN	27	268.43	AC	285	79	SATISFACTORY	Y	
HAM00171	DUTCH COLONY DR	WINNESTE AV	HEBRON CT	36	752.21	AC	245	78	SATISFACTORY	Y	
HAM00173	DUTCH COLONY DR	WINTON RIDGE LN	WINTON RD	25	1076.21	AC	343	72	SATISFACTORY	Y	
HAM08741	DUTTON ST	DEPOT ST	STATE AV	30	359.51	AC	650	60	FAIR	Y	
HAM37333	DWYER AV	TERM S OF DALE RD	LACONIA AV	19	130.52	AC	650	53	POOR	Y	
HAM06420	DYER ST	DYER AV	GLADE AV	17	703.72	AC	410	93	GOOD	Y	
HAM09017	E 12TH ST	BRACKETT AL	CLAY ST	40	103.29	AC	493	74	SATISFACTORY	Y	
HAM09928	E 12TH ST	BROADWAY	SCHULTZ AL	24	114.03	AC	434	59	FAIR	Y	ONE WAY
HAM08688	E 12TH ST	BUNKER AL	BROADWAY	24	113.76	AC	650	75	SATISFACTORY	Y	ONE WAY
HAM09031	E 12TH ST	CLAY ST	MICHAEL BANY WY	40	233.27	AC	650	87	GOOD	Y	
HAM08615	E 12TH ST	COGSWELL AL	SYCAMORE ST	24	126.83	AC	650	65	FAIR	Y	ONE WAY
HAM27832	E 12TH ST	DODT AL	READING RD	30	357.58	AC	650	75	SATISFACTORY	Y	ONE WAY
HAM08616	E 12TH ST	GOETZ AL	COGSWELL AL	24	202.52	AC	275	75	SATISFACTORY	Y	ONE WAY
HAM25737	E 12TH ST	JACKSON ST	RODNEY AL	41	107.39	AC	233	79	SATISFACTORY	Y	
HAM09028	E 12TH ST	MAIN ST	GOETZ AL	24	130.05	AC	650	87	GOOD	Y	ONE WAY
HAM27817	E 12TH ST	PENDLETON ST	WIDDELL AL	31	119.96	AC	650	87	GOOD	Y	ONE WAY
HAM09046	E 12TH ST	RODNEY AL	WALNUT ST	42	124.15	AC	194	76	SATISFACTORY	Y	
HAM09921	E 12TH ST	SCHULTZ AL	SPRING ST	22	110.97	AC	568	71	SATISFACTORY	Y	ONE WAY
HAM09922	E 12TH ST	SPRING ST	PENDLETON ST	24	230.88	AC	650	60	FAIR	Y	ONE WAY
HAM08695	E 12TH ST	SYCAMORE ST	BUNKER AL	24	375.59	AC	289	81	SATISFACTORY	Y	ONE WAY
HAM25815	E 12TH ST	VINE ST	JACKSON ST	41	231.16	AC	650	78	SATISFACTORY	Y	
HAM10183	E 12TH ST	WALNUT ST	BRACKETT AL	41	129.82	AC	324	79	SATISFACTORY	Y	
HAM27819	E 12TH ST	WIDDELL AL	DODT AL	30	232.00	AC	401	83	SATISFACTORY	Y	ONE WAY
HAM08999	E 13TH ST	BOOTS AL	JACKSON ST	34	92.93	AC	344	95	GOOD	Y	
HAM09042	E 13TH ST	BRACKETT AL	CLAY ST	34	106.97	AC	317	95	GOOD	Y	
HAM20326	E 13TH ST	BROADWAY	SCHULTZ AL	29	122.62	AC	650	61	FAIR	Y	ONE WAY
HAM20330	E 13TH ST	BUNKER AL	BROADWAY	23	112.90	AC	453	47	POOR	Y	ONE WAY
HAM09041	E 13TH ST	CLAY ST	CORAL AL	36	105.21	AC	228	95	GOOD	Y	
HAM08619	E 13TH ST	COGSWELL AL	SYCAMORE ST	23	130.65	AC	650	81	SATISFACTORY	Y	ONE WAY
HAM09029	E 13TH ST	CORAL AL	MAIN ST	36	142.39	AC	650	92	GOOD	Y	
HAM27840	E 13TH ST	FRANK ST	I-471 NB EXWY TO E LIBERTY ST RAMP	35	268.24	AC	410	88	GOOD	Y	ONE WAY
HAM08621	E 13TH ST	GOETZ AL	HANOVER ST	23	102.76	AC	169	85	SATISFACTORY	Y	ONE WAY
HAM08620	E 13TH ST	HANOVER ST	COGSWELL AL	23	95.70	AC	276	73	SATISFACTORY	Y	ONE WAY
HAM08952	E 13TH ST	JACKSON ST	RODNEY AL	32	95.03	AC	170	95	GOOD	Y	
HAM09030	E 13TH ST	MAIN ST	GOETZ AL	24	140.76	AC	650	83	SATISFACTORY	Y	ONE WAY
HAM27834	E 13TH ST	PENDLETON ST	FRANK ST	35	671.21	AC	524	62	FAIR	Y	ONE WAY
HAM20327	E 13TH ST	RAY AL	PENDLETON ST	31	143.65	AC	650	67	FAIR	Y	ONE WAY
HAM09044	E 13TH ST	RODNEY AL	WALNUT ST	34	139.37	AC	650	87	GOOD	Y	
HAM20337	E 13TH ST	SCHULTZ AL	SPRING ST	30	94.74	AC	277	65	FAIR	Y	ONE WAY
HAM20338	E 13TH ST	SPRING ST	RAY AL	31	97.68	AC	240	59	FAIR	Y	ONE WAY
HAM41007	E 13TH ST	SYCAMORE ST	VON SEGGERN AL	23	128.13	AC	650	69	FAIR	Y	ONE WAY
HAM09001	E 13TH ST	VINE ST	BOOTS AL	34	140.23	AC	650	74	SATISFACTORY	Y	
HAM41008	E 13TH ST	VON SEGGERN AL	BUNKER AL	24	246.27	AC	140	52	POOR	Y	ONE WAY
HAM09043	E 13TH ST	WALNUT ST	BRACKETT AL	35	123.84	AC	347	90	GOOD	Y	
HAM21693	E 14TH ST	BOOTS AL	RODNEY AL	20	181.10	AC	324	91	GOOD	Y	ONE WAY
HAM20294	E 14TH ST	BUNKER AL	BROADWAY	29	118.56	AC	650	87	GOOD	Y	
HAM20315	E 14TH ST	CLAY ST	MAIN ST	18	234.68	AC	650	95	GOOD	Y	ONE WAY
HAM32228	E 14TH ST	GOETZ AL	SYCAMORE ST	28	325.87	AC	650	50	POOR	Y	
HAM20309	E 14TH ST	MAIN ST	GOETZ AL	29	130.83	AC	591	62	FAIR	Y	
HAM20296	E 14TH ST	MANSFIELD ST	BUNKER AL	30	115.41	AC	307	80	SATISFACTORY	Y	
HAM08950	E 14TH ST	RODNEY AL	WALNUT ST	20	139.31	AC	650	88	GOOD	Y	ONE WAY
HAM20238	E 14TH ST	SYCAMORE ST	VON SEGGERN AL	29	130.01	AC	650	70	FAIR	Y	
HAM21699	E 14TH ST	VINE ST	BOOTS AL	19	141.99	AC	520	88	GOOD	Y	ONE WAY
HAM20297	E 14TH ST	VON SEGGERN AL	MANSFIELD ST	29	122.76	AC	472	77	SATISFACTORY	Y	
HAM20312	E 14TH ST	WALNUT ST	CLAY ST	20	234.47	AC	650	93	GOOD	Y	ONE WAY
HAM21666	E 15TH ST	MOORE ST	WALNUT ST	27	231.25	AC	650	36	VERY POOR	Y	
HAM21668	E 15TH ST	VINE ST	MOORE ST	25	232.12	AC	650	44	POOR	Y	
HAM52100	E 2ND ST	JOE NUXHALL WY	E PETE ROSE WY	23	1093.33	PCC	639	98	GOOD	Y	ONE WAY
HAM50981	E 2ND ST	VINE ST	WALNUT ST	59	466.68	PCC	217	90	GOOD	Y	ONE WAY
HAM34617	E 2ND ST	WALNUT ST	MAIN ST	60	463.89	PCC	209	90	GOOD	Y	ONE WAY
HAM28034	E 3RD ST	BERNING PL	MAIN ST	59	229.41	AC	327	57	FAIR	Y	ONE WAY
HAM27708	E 3RD ST	BUTLER ST	CULVERT ST	29	168.39	AC	278	78	SATISFACTORY	Y	
HAM27712	E 3RD ST	CULVERT ST	EGGLESTON AV	28	274.28	AC	512	83	SATISFACTORY	Y	
HAM27748	E 3RD ST	EGGLESTON AV	MONASTERY ST	27	365.64	PCC	477	80	SATISFACTORY	Y	ONE WAY

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM27807	E 3RD ST	EGGLESTON AV	MONASTERY ST	23	429.24	PCC	650	74	SATISFACTORY	Y	ONE WAY
HAM33856	E 3RD ST	HAMMOND AL	SYCAMORE ST	60	232.22	AC	223	51	POOR	Y	ONE WAY
HAM33855	E 3RD ST	MAIN ST	HAMMOND AL	60	239.75	AC	317	69	FAIR	Y	ONE WAY
HAM27802	E 3RD ST	PIKE ST	BUTLER ST	29	427.12	AC	388	67	FAIR	Y	
HAM27648	E 3RD ST	SYCAMORE ST	BROADWAY	68	486.87	AC	650	61	FAIR	Y	ONE WAY
HAM28042	E 3RD ST	VINE ST	WALNUT ST	61	465.94	AC	650	59	FAIR	Y	ONE WAY
HAM28022	E 3RD ST	WALNUT ST	BERNING PL	59	236.09	AC	482	59	FAIR	Y	ONE WAY
HAM53250	E 3RD ST TO COLUMBIA EB PKWY RAMP	E 3RD ST	COLUMBIA EB PKWY RAMP	23	312.10	PCC	569	68	FAIR	Y	ONE WAY
HAM27563	E 4TH ST	BERNING PL	MAIN ST	40	233.97	AC	373	70	FAIR	Y	ONE WAY
HAM27771	E 4TH ST	BROADWAY	IOLA AL	40	180.03	AC	650	72	SATISFACTORY	Y	ONE WAY
HAM27721	E 4TH ST	CULVERT ST	EGGLESTON AV	18	242.84	AC	650	76	SATISFACTORY	Y	
HAM27770	E 4TH ST	IOLA AL	LUDLOW ST	40	198.98	AC	195	90	GOOD	Y	ONE WAY
HAM27804	E 4TH ST	LUDLOW ST	PIKE ST	40	514.99	AC	235	80	SATISFACTORY	Y	ONE WAY
HAM27610	E 4TH ST	MAIN ST	SYCAMORE ST	41	469.19	AC	650	65	FAIR	Y	ONE WAY
HAM27617	E 4TH ST	POSTAL AL	WALNUT ST	39	241.24	AC	442	62	FAIR	Y	ONE WAY
HAM27777	E 4TH ST	SYCAMORE ST	BROADWAY	41	489.13	AC	402	52	POOR	Y	ONE WAY
HAM27618	E 4TH ST	VINE ST	POSTAL AL	40	221.30	AC	454	68	FAIR	Y	ONE WAY
HAM27552	E 4TH ST	WALNUT ST	BERNING PL	40	230.40	AC	409	55	POOR	Y	ONE WAY
HAM27789	E 5TH ST	BROADWAY	LAWRENCE ST	65	410.48	AC	234	94	GOOD	Y	ONE WAY
HAM27714	E 5TH ST	CULVERT ST	EGGLESTON AV	40	268.37	AC	462	76	SATISFACTORY	Y	
HAM53450	E 5TH ST	LAWRENCE ST	SENTINEL ST	66	165.62	AC	180	93	GOOD	Y	ONE WAY
HAM26056	E 5TH ST	MAIN ST	SYCAMORE ST	55	469.66	AC	322	95	GOOD	Y	ONE WAY
HAM27788	E 5TH ST	SENTINEL ST	PIKE ST	30	163.51	AC	483	96	GOOD	Y	ONE WAY
HAM27775	E 5TH ST	SYCAMORE ST	BROADWAY	66	485.90	AC	613	95	GOOD	Y	ONE WAY
HAM27554	E 5TH ST	VINE ST	WALNUT ST	40	486.27	AC	395	87	GOOD	Y	ONE WAY
HAM09025	E 5TH ST	WALNUT ST	MAIN ST	40	473.28	AC	650	92	GOOD	Y	ONE WAY
HAM11650	E 66TH ST	LEBANON ST	LEBANON ST	37	98.71	AC	650	70	FAIR	Y	
HAM11651	E 66TH ST	VINE ST	LEBANON ST	33	334.65	AC	650	42	POOR	Y	
HAM37085	E 67TH ST	LEBANON ST	TERM SE OF LEBANON ST	20	185.19	AC	650	34	VERY POOR	Y	
HAM17740	E 67TH ST	VINE ST	LEBANON ST	24	331.04	AC	650	91	GOOD	Y	
HAM17735	E 69TH ST	LEBANON ST	LEBANON ST	29	94.37	AC	650	94	GOOD	Y	
HAM17726	E 69TH ST	VINE ST	LEBANON ST	30	332.91	AC	429	94	GOOD	Y	
HAM08641	E 6TH ST	BODMAN AL	MAIN ST	39	130.78	AC	401	58	FAIR	Y	ONE WAY
HAM27683	E 6TH ST	BROADWAY	SENTINEL ST	42	422.05	PCC	291	83	SATISFACTORY	Y	ONE WAY
HAM26046	E 6TH ST	LESLIE AL	SYCAMORE ST	41	234.69	AC	478	35	VERY POOR	Y	ONE WAY
HAM08640	E 6TH ST	MAIN ST	LESLIE AL	40	235.79	AC	347	34	VERY POOR	Y	ONE WAY
HAM09023	E 6TH ST	RUTH LYONS LN	WALNUT ST	51	235.34	AC	304	65	FAIR	Y	ONE WAY
HAM27663	E 6TH ST	SYCAMORE ST	BROADWAY	41	486.04	AC	650	28	VERY POOR	Y	ONE WAY
HAM08642	E 6TH ST	TIMES AL	BODMAN AL	40	206.20	AC	364	49	POOR	Y	ONE WAY
HAM09048	E 6TH ST	VINE ST	RUTH LYONS LN	50	229.51	AC	471	46	POOR	Y	ONE WAY
HAM09022	E 6TH ST	WALNUT ST	TIMES AL	43	124.70	AC	507	63	FAIR	Y	ONE WAY
HAM37081	E 70TH ST	POPLAR LN	TERM SE OF POPLAR LN	30	110.17	AC	650	95	GOOD	Y	
HAM17724	E 70TH ST	VINE ST	POPLAR LN	30	180.84	AC	650	81	SATISFACTORY	Y	
HAM27057	E 72ND ST	MARKET PL	LONGVIEW ST	42	187.40	AC	429	76	SATISFACTORY	Y	
HAM27045	E 72ND ST	TERM NW OF MARKET PL	MARKET PL	43	125.30	AC	650	81	SATISFACTORY	Y	
HAM27050	E 72ND ST	VINE ST	POPLAR LN	41	195.73	AC	650	42	POOR	Y	
HAM19514	E 73RD ST	POPLAR LN	TERM SE OF POPLAR LN	42	146.58	AC	650	83	SATISFACTORY	Y	
HAM00039	E 73RD ST	W 73RD ST	POPLAR LN	42	192.47	AC	650	60	FAIR	Y	
HAM29773	E 75TH ST	POPLAR LN	LEBANON ST	25	149.95	AC	497	49	POOR	Y	
HAM29774	E 75TH ST	VINE ST	POPLAR LN	28	174.45	AC	650	57	FAIR	Y	
HAM29788	E 76TH ST	ANTHONY WAYNE AV	TERM SE OF ANTHONY WAYNE AV	27	243.19	AC	650	81	SATISFACTORY	Y	
HAM29807	E 77TH ST	VINE ST	ANTHONY WAYNE AV	36	500.53	AC	650	31	VERY POOR	Y	
HAM19108	E 7TH ST	BOWEN ST	MAIN ST	37	239.18	AC	650	79	SATISFACTORY	Y	ONE WAY
HAM27662	E 7TH ST	E 7TH ST TO GILBERT AV RAMP	CULVERT ST	22	447.81	AC	616	63	FAIR	Y	ONE WAY
HAM19107	E 7TH ST	LESLIE AL	SYCAMORE ST	42	237.75	AC	650	64	FAIR	Y	ONE WAY
HAM19106	E 7TH ST	MAIN ST	LESLIE AL	41	230.42	AC	650	60	FAIR	Y	ONE WAY
HAM26082	E 7TH ST	NORTH ST	E 7TH ST TO GILBERT AV RAMP	45	245.59	AC	359	57	FAIR	Y	ONE WAY
HAM19131	E 7TH ST	RUTH LYONS LN	WALNUT ST	36	229.83	AC	414	77	SATISFACTORY	Y	ONE WAY
HAM26073	E 7TH ST	SYCAMORE ST	NORTH ST	39	248.01	AC	325	47	POOR	Y	ONE WAY
HAM19125	E 7TH ST	VINE ST	RUTH LYONS LN	37	232.43	AC	388	45	POOR	Y	ONE WAY
HAM19124	E 7TH ST	WALNUT ST	BOWEN ST	38	227.62	AC	621	72	SATISFACTORY	Y	ONE WAY
HAM52714	E 7TH ST TO GILBERT AV RAMP	E 7TH ST	GILBERT AV	29	1171.26	PCC	373	95	GOOD	Y	ONE WAY
HAM09019	E 8TH ST	BOWEN ST	MAIN ST	40	236.60	AC	247	82	SATISFACTORY	Y	ONE WAY
HAM31611	E 8TH ST	E CHEAPSIDE ST	HENDERSON AL	49	51.81	AC	157	76	SATISFACTORY	Y	ONE WAY
HAM31612	E 8TH ST	HENDERSON AL	E 8TH ST TO GILBERT AV RAMP	52	154.56	AC	321	53	POOR	Y	ONE WAY
HAM08624	E 8TH ST	MAIN ST	PANCOAST AL	40	167.25	AC	373	64	FAIR	Y	ONE WAY
HAM08628	E 8TH ST	PANCOAST AL	SYCAMORE ST	41	299.25	AC	159	65	FAIR	Y	ONE WAY
HAM26064	E 8TH ST	SYCAMORE ST	W CHEAPSIDE ST	41	202.04	AC	347	52	POOR	Y	ONE WAY
HAM25873	E 8TH ST	VINE ST	WALNUT ST	40	466.77	AC	361	63	FAIR	Y	
HAM26063	E 8TH ST	W CHEAPSIDE ST	E CHEAPSIDE ST	41	93.48	AC	161	48	POOR	Y	ONE WAY
HAM09020	E 8TH ST	WALNUT ST	BOWEN ST	39	226.14	AC	650	78	SATISFACTORY	Y	ONE WAY
HAM27703	E 8TH ST TO GILBERT AV RAMP	GILBERT AV	E 8TH ST	32	1076.30	AC	451	94	GOOD	Y	ONE WAY
HAM19129	E 9TH ST	BOWEN ST	COLEMAN AL	41	94.07	AC	196	32	VERY POOR	Y	ONE WAY
HAM26080	E 9TH ST	BROADWAY	EGGLESTON AV	14	223.11	AC	650	63	FAIR	Y	ONE WAY
HAM19111	E 9TH ST	COLEMAN AL	MAIN ST	42	140.92	AC	508	51	POOR	Y	ONE WAY
HAM19100	E 9TH ST	CROW AL	SYCAMORE ST	41	207.51	AC	650	32	VERY POOR	Y	ONE WAY

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM26070	E 9TH ST	E CHEAPSIDE ST	BROADWAY	42	200.85	AC	650	64	FAIR	Y	ONE WAY
HAM19110	E 9TH ST	MAIN ST	PANCOAST AL	38	136.94	AC	346	75	SATISFACTORY	Y	ONE WAY
HAM19101	E 9TH ST	PANCOAST AL	CROW AL	39	87.11	AC	364	57	FAIR	Y	ONE WAY
HAM19102	E 9TH ST	PANCOAST AL	PANCOAST AL	39	32.59	AC	128	87	GOOD	Y	ONE WAY
HAM26072	E 9TH ST	SYCAMORE ST	W CHEAPSIDE ST	41	203.92	AC	491	63	FAIR	Y	ONE WAY
HAM25922	E 9TH ST	VINE ST	WALNUT ST	38	468.57	AC	268	67	FAIR	Y	ONE WAY
HAM26071	E 9TH ST	W CHEAPSIDE ST	E CHEAPSIDE ST	42	92.81	AC	650	35	VERY POOR	Y	ONE WAY
HAM19130	E 9TH ST	WALNUT ST	BOWEN ST	41	225.56	AC	567	45	POOR	Y	ONE WAY
HAM31976	E CENTRAL PKWY	CLAY ST	MAIN ST	54	257.26	AC	245	58	FAIR	Y	
HAM19113	E CENTRAL PKWY	EGGLESTON AV	READING RD	59	461.40	PCC	650	94	GOOD	Y	
HAM66740	E CENTRAL PKWY	EGGLESTON AV	READING RD	59	446.01	PCC	224	98	GOOD	Y	
HAM19126	E CENTRAL PKWY	JACKSON ST	WALNUT ST	44	246.65	AC	119	71	SATISFACTORY	Y	
HAM31975	E CENTRAL PKWY	MAIN ST	SYCAMORE ST	72	480.75	AC	268	78	SATISFACTORY	Y	
HAM53142	E CENTRAL PKWY	MAIN ST	SYCAMORE ST	44	483.87	AC	475	86	GOOD	Y	
HAM19098	E CENTRAL PKWY	SYCAMORE ST	EGGLESTON AV	86	292.01	AC	650	72	SATISFACTORY	Y	
HAM25894	E CENTRAL PKWY	VINE ST	JACKSON ST	44	247.28	AC	250	79	SATISFACTORY	Y	
HAM53043	E CENTRAL PKWY	VINE ST	WALNUT ST	44	507.76	AC	223	86	GOOD	Y	
HAM19127	E CENTRAL PKWY	WALNUT ST	CLAY ST	73	234.02	AC	227	76	SATISFACTORY	Y	
HAM64412	E CENTRAL PKWY	WALNUT ST	MAIN ST	57	507.07	AC	474	73	SATISFACTORY	Y	
HAM07982	E CHARLTON ST	EUCLEDEN AL	EDEN AV	37	238.08	AC	464	92	GOOD	Y	
HAM07981	E CHARLTON ST	EUCLID AV	EUCLEDEN AL	37	228.54	AC	650	89	GOOD	Y	
HAM07979	E CHARLTON ST	SHORT VINE ST	VAN ST	36	243.80	AC	494	89	GOOD	Y	
HAM07980	E CHARLTON ST	VAN ST	EUCLID AV	36	229.95	AC	650	92	GOOD	Y	
HAM26066	E CHEAPSIDE ST	E 8TH ST	E 9TH ST	23	347.67	AC	545	64	FAIR	Y	ONE WAY
HAM20225	E CLIFTON AV	ANTIQUE ST	MAIN ST	31	238.29	AC	650	78	SATISFACTORY	Y	
HAM08515	E CLIFTON AV	FRINTZ ST	SHARP AL	30	333.74	AC	375	69	FAIR	Y	
HAM20223	E CLIFTON AV	LANG ST	ANTIQUE ST	30	341.21	AC	650	75	SATISFACTORY	Y	
HAM05640	E CLIFTON AV	SHARP AL	LANG ST	30	328.61	AC	328	80	SATISFACTORY	Y	
HAM08467	E CLIFTON AV	VINE ST	FRINTZ ST	30	831.88	AC	650	79	SATISFACTORY	Y	
HAM07896	E CORRY ST	EUCLEDEN AL	EDEN AV	30	235.26	AC	650	64	FAIR	Y	
HAM07895	E CORRY ST	EUCLID AV	EUCLEDEN AL	30	233.01	AC	650	66	FAIR	Y	
HAM07894	E CORRY ST	SHORT VINE ST	EUCLID AV	44	472.23	AC	443	56	FAIR	Y	
HAM09039	E COURT ST	BOWEN ST	COLEMAN AL	45	89.78	BR	343	-1		Y	
HAM09910	E COURT ST	COLEMAN AL	MAIN ST	45	160.62	BR	650	-1		Y	
HAM08617	E COURT ST	CROW AL	SYCAMORE ST	32	209.13	AC	561	52	POOR	Y	ONE WAY
HAM26086	E COURT ST	EGGLESTON AV	REEDY ST	46	694.30	AC	451	48	POOR	Y	
HAM09908	E COURT ST	MAIN ST	PANCOAST AL	31	134.83	AC	650	48	POOR	Y	ONE WAY
HAM08618	E COURT ST	PANCOAST AL	CROW AL	40	116.67	AC	357	64	FAIR	Y	ONE WAY
HAM26087	E COURT ST	REEDY ST	GILBERT AV	55	386.64	AC	456	44	POOR	Y	
HAM25874	E COURT ST	VINE ST	WALNUT ST	38	483.98	PCC	599	98	GOOD	Y	
HAM53047	E COURT ST	VINE ST	WALNUT ST	46	492.85	PCC	599	98	GOOD	Y	
HAM09038	E COURT ST	WALNUT ST	BOWEN ST	47	240.26	BR	430	-1		Y	
HAM64413	E COURT ST	WALNUT ST	MAIN ST	42	488.42	BR	650	-1		Y	
HAM07985	E DANIELS ST	EUCLID AV	VAUGHN ST	30	230.78	AC	650	38	VERY POOR	Y	
HAM07983	E DANIELS ST	SHORT VINE ST	VAN ST	37	245.73	AC	650	43	POOR	Y	
HAM07984	E DANIELS ST	VAN ST	EUCLID AV	36	227.53	AC	650	39	VERY POOR	Y	
HAM07986	E DANIELS ST	VAUGHN ST	OAK ST	31	235.79	AC	530	36	VERY POOR	Y	
HAM09807	E EASTWOOD CIR	MADISON RD	W EASTWOOD CIR	19	208.94	AC	650	53	POOR	Y	
HAM32116	E EASTWOOD CIR	W EASTWOOD CIR	EASTWOOD DR	16	793.68	AC	389	41	POOR	Y	
HAM08498	E ELDER ST	VINE ST	HAMER ST	18	176.52	AC	644	81	SATISFACTORY	Y	ONE WAY
HAM54664	E FREEDOM WY	MARIAN SPENCER WY	JOE NUXHALL WY	50	463.33		-1	-1		N	BLOCKED BY BARRICADE
HAM34645	E FREEDOM WY	ROSA PARKS ST	MARIAN SPENCER WY	58	466.20	PCC	435	98	GOOD	Y	
HAM26801	E GALBRAITH RD	BURNS AV	WOODBINE AV	36	1016.85	AC	260	48	POOR	Y	
HAM62628	E GALBRAITH RD	E GALBRAITH RD TO I-75 SB RAMP	E GALBRAITH RD TO I-75 SB RAMP	24	157.11	AC	650	82	SATISFACTORY	Y	
HAM07821	E GALBRAITH RD	VINE ST	BURNS AV	44	919.44	PCC	263	71	SATISFACTORY	Y	
HAM53106	E GALBRAITH RD	WOODBINE AV	I-75 SB EXWY TO E GALBRAITH RD RAMP	54	1055.22	AC	347	98	GOOD	Y	
HAM62626	E GALBRAITH RD	WOODBINE AV	E GALBRAITH RD TO I-75 SB RAMP	24	1039.99	AC	181	97	GOOD	Y	
HAM19962	E HOLLISTER ST	VINE ST	AUBURN AV	30	1273.84	AC	646	62	FAIR	Y	ONE WAY
HAM61475	E LIBERTY ST	BROADWAY	E LIBERTY ST TO LIBERTY HILL RAMP	70	381.43	AC	130	95	GOOD	Y	
HAM61477	E LIBERTY ST	BUNKER AL	BROADWAY	22	135.24	AC	101	96	GOOD	Y	
HAM20132	E LIBERTY ST	COGSWELL AL	SYCAMORE ST	71	133.31	AC	289	95	GOOD	Y	
HAM66340	E LIBERTY ST	E LIBERTY ST TO LIBERTY HILL RAMP	U TURN ACCS	70	132.18	AC	139	96	GOOD	Y	
HAM66341	E LIBERTY ST	E LIBERTY ST TO LIBERTY HILL RAMP	U TURN ACCS	70	137.85	AC	110	96	GOOD	Y	
HAM20178	E LIBERTY ST	E MCMICKEN AV	MOTH AL	70	121.55	AC	224	95	GOOD	Y	
HAM20180	E LIBERTY ST	HUGHES ST	COGSWELL AL	69	103.17	AC	198	95	GOOD	Y	
HAM61476	E LIBERTY ST	MANSFIELD ST	BUNKER AL	22	136.74	AC	129	95	GOOD	Y	
HAM61478	E LIBERTY ST	MANSFIELD ST	BROADWAY	22	277.51	AC	132	95	GOOD	Y	
HAM21664	E LIBERTY ST	MOORE ST	WALNUT ST	72	303.39	AC	136	95	GOOD	Y	
HAM20179	E LIBERTY ST	MOTH AL	HUGHES ST	68	100.94	AC	131	95	GOOD	Y	
HAM20133	E LIBERTY ST	SYCAMORE ST	VON SEGGERN AL	70	136.29	AC	216	95	GOOD	Y	
HAM61474	E LIBERTY ST	U TURN ACCS	READING RD	70	905.35	AC	196	97	GOOD	Y	
HAM66339	E LIBERTY ST	U TURN ACCS	U TURN ACCS	70	130.53	AC	95	96	GOOD	Y	
HAM66342	E LIBERTY ST	U TURN ACCS	U TURN ACCS	70	131.18	AC	87	96	GOOD	Y	
HAM66343	E LIBERTY ST	U TURN ACCS	READING RD	70	903.95	AC	207	96	GOOD	Y	
HAM21671	E LIBERTY ST	VINE ST	MOORE ST	71	181.63	AC	200	95	GOOD	Y	
HAM20134	E LIBERTY ST	VON SEGGERN AL	MANSFIELD ST	71	137.95	AC	226	95	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM05639	E LIBERTY ST	WALNUT ST	E MCMICKEN AV	69	490.86	AC	631	95	GOOD	Y	
HAM61471	E LIBERTY ST TO LIBERTY HILL RAMP	E LIBERTY ST	LIBERTY HILL	22	224.76	AC	311	98	GOOD	Y	
HAM05965	E MARTIN LUTHER KING JR DR	AHRENS ST	EUCLID AV	31	189.49	AC	399	54	POOR	Y	
HAM24176	E MARTIN LUTHER KING JR DR	BARTLE AV	READING RD	71	238.75	AC	260	93	GOOD	Y	
HAM53104	E MARTIN LUTHER KING JR DR	BELLEVUE AV	HIGHLAND AV	37	421.02	AC	344	39	VERY POOR	Y	
HAM05867	E MARTIN LUTHER KING JR DR	BURNET AV	MALIN ST	72	158.46	AC	469	45	POOR	Y	
HAM63673	E MARTIN LUTHER KING JR DR	E MLK JR DR TO I-71 NB EXWY RAMP	GILBERT AV	70	697.47	AC	283	93	GOOD	Y	
HAM53096	E MARTIN LUTHER KING JR DR	E MLK JR DR TO VINE ST RAMP	EDEN AV	32	944.85	AC	343	61	FAIR	Y	
HAM05961	E MARTIN LUTHER KING JR DR	EDEN AV	GERARD ST	37	239.79	AC	313	64	FAIR	Y	
HAM53103	E MARTIN LUTHER KING JR DR	EDEN AV	BELLEVUE AV	32	484.36	AC	650	57	FAIR	Y	
HAM50401	E MARTIN LUTHER KING JR DR	EUCLID AV	EDEN AV	48	515.13	AC	650	54	POOR	Y	
HAM05964	E MARTIN LUTHER KING JR DR	GERARD ST	HIGHLAND AV	32	640.70	AC	338	63	FAIR	Y	
HAM21610	E MARTIN LUTHER KING JR DR	GILBERT AV	MENTOR AV	70	678.19	AC	530	71	SATISFACTORY	Y	
HAM22110	E MARTIN LUTHER KING JR DR	HARVEY AV	BARTLE AV	71	335.48	AC	176	85	SATISFACTORY	Y	
HAM05866	E MARTIN LUTHER KING JR DR	HIGHLAND AV	BURNET AV	74	422.69	AC	390	51	POOR	Y	
HAM64316	E MARTIN LUTHER KING JR DR	I-71 SB EXWY TO E MLK JR DR RAMP	E MLK JR DR TO I-71 NB EXWY RAMP	70	1111.60	PCC	220	95	GOOD	Y	
HAM21573	E MARTIN LUTHER KING JR DR	LINCOLN AV	VICTORY PKWY	70	1287.84	AC	262	70	FAIR	Y	
HAM05967	E MARTIN LUTHER KING JR DR	MALIN ST	HARVEY AV	71	449.19	AC	537	73	SATISFACTORY	Y	
HAM21574	E MARTIN LUTHER KING JR DR	MENTOR AV	LINCOLN AV	70	568.03	AC	242	73	SATISFACTORY	Y	
HAM64315	E MARTIN LUTHER KING JR DR	READING RD	I-71 SB EXWY TO E MLK JR DR RAMP	70	898.13	AC	270	92	GOOD	Y	
HAM05960	E MARTIN LUTHER KING JR DR	SHORT VINE ST	AHRENS ST	32	229.52	AC	354	78	SATISFACTORY	Y	
HAM08523	E MCMICKEN AV	BENTON ST	SHARP AL	42	70.38	AC	129	79	SATISFACTORY	Y	
HAM20245	E MCMICKEN AV	CORWINE ST	MAIN ST	40	241.97	AC	650	60	FAIR	Y	
HAM08522	E MCMICKEN AV	E ELDER ST	BENTON ST	42	105.71	AC	211	79	SATISFACTORY	Y	
HAM08476	E MCMICKEN AV	FRINTZ ST	E ELDER ST	40	162.44	AC	251	74	SATISFACTORY	Y	
HAM20224	E MCMICKEN AV	HUST AL	CORWINE ST	42	58.58	AC	354	75	SATISFACTORY	Y	
HAM05642	E MCMICKEN AV	SHARP AL	LANG ST	42	324.66	AC	575	78	SATISFACTORY	Y	
HAM62734	E MCMICKEN AV	VINE ST TO E MCMICKEN AV RAMP	FRINTZ ST	36	199.01	AC	413	81	SATISFACTORY	Y	
HAM05622	E MCMILLAN ST	ASHLAND AV	UPLAND PL	49	280.00	AC	185	72	SATISFACTORY	Y	ONE WAY
HAM33112	E MCMILLAN ST	AUBURN AV	PARIS ST	41	805.46	AC	202	80	SATISFACTORY	Y	ONE WAY
HAM05625	E MCMILLAN ST	BELL PL	WOODBURN AV	50	324.53	AC	188	78	SATISFACTORY	Y	ONE WAY
HAM05614	E MCMILLAN ST	CHATHAM ST	MELROSE AV	40	250.81	AC	297	83	SATISFACTORY	Y	
HAM05918	E MCMILLAN ST	CLEINVIEW AV	WILLIAM H TAFT RD	31	931.77	AC	350	48	POOR	Y	
HAM07936	E MCMILLAN ST	CONCORD ST	STANTON AV	41	188.21	AC	351	81	SATISFACTORY	Y	
HAM50730	E MCMILLAN ST	DIX ST	MAY ST	39	225.19	AC	268	84	SATISFACTORY	Y	
HAM27943	E MCMILLAN ST	DOVER ST	ESSEX PL	40	235.88	AC	220	85	SATISFACTORY	Y	ONE WAY
HAM27951	E MCMILLAN ST	E MCMILLAN ST TO I-71 NB EXWY RAMP	BOONE ST	41	220.03	AC	574	79	SATISFACTORY	Y	
HAM27944	E MCMILLAN ST	ESSEX PL	SYMMES ST	42	115.73	AC	274	75	SATISFACTORY	Y	ONE WAY
HAM05566	E MCMILLAN ST	GRANDVIEW AV	SALUTARIS AV	36	406.63	AC	189	45	POOR	Y	
HAM05630	E MCMILLAN ST	HACKBERRY ST	CLEINVIEW AV	36	354.78	AC	297	40	VERY POOR	Y	
HAM07941	E MCMILLAN ST	HEMLOCK ST	CONCORD ST	40	156.37	AC	292	78	SATISFACTORY	Y	
HAM07887	E MCMILLAN ST	HIGHLAND AV	IOWA AV	42	958.14	AC	271	87	GOOD	Y	ONE WAY
HAM05568	E MCMILLAN ST	INGLESIDE AV	MOORMAN AV	35	246.87	AC	267	72	SATISFACTORY	Y	
HAM26199	E MCMILLAN ST	IOWA AV	DOVER ST	40	239.77	AC	275	81	SATISFACTORY	Y	ONE WAY
HAM05617	E MCMILLAN ST	KEMPER LN	PARK AV	39	475.67	AC	325	75	SATISFACTORY	Y	
HAM27931	E MCMILLAN ST	KENTON ST	HEMLOCK ST	40	110.99	AC	247	81	SATISFACTORY	Y	
HAM05619	E MCMILLAN ST	LAREDO AV	VICTORY PKWY	42	174.72	AC	543	72	SATISFACTORY	Y	
HAM07874	E MCMILLAN ST	MACAULEY ST	AUBURN AV	35	359.16	AC	260	93	GOOD	Y	ONE WAY
HAM07877	E MCMILLAN ST	MAPLEWOOD AV	HIGHLAND AV	41	352.96	AC	650	91	GOOD	Y	ONE WAY
HAM27930	E MCMILLAN ST	MAY ST	KENTON ST	40	268.35	AC	259	77	SATISFACTORY	Y	
HAM05616	E MCMILLAN ST	MELROSE AV	KEMPER LN	39	697.94	AC	410	74	SATISFACTORY	Y	
HAM05569	E MCMILLAN ST	MOORMAN AV	HACKBERRY ST	36	324.16	AC	256	37	VERY POOR	Y	
HAM07876	E MCMILLAN ST	PARIS ST	MAPLEWOOD AV	41	257.23	AC	274	77	SATISFACTORY	Y	ONE WAY
HAM05618	E MCMILLAN ST	PARK AV	LAREDO AV	39	314.83	AC	344	81	SATISFACTORY	Y	
HAM05567	E MCMILLAN ST	SALUTARIS AV	INGLESIDE AV	35	228.79	AC	250	48	POOR	Y	
HAM05612	E MCMILLAN ST	STANTON AV	CHATHAM ST	40	173.64	AC	244	68	FAIR	Y	
HAM27952	E MCMILLAN ST	SYMMES ST	E MCMILLAN ST TO I-71 NB EXWY RAMP	44	321.34	PCC	270	86	GOOD	Y	ONE WAY
HAM05624	E MCMILLAN ST	UPLAND PL	BELL PL	50	142.59	AC	244	65	FAIR	Y	ONE WAY
HAM05620	E MCMILLAN ST	VICTORY PKWY	ASHLAND AV	51	407.73	AC	224	75	SATISFACTORY	Y	ONE WAY
HAM07897	E MCMILLAN ST	W MCMILLAN ST	MACAULEY ST	35	575.03	AC	219	69	FAIR	Y	ONE WAY
HAM05565	E MCMILLAN ST	WOODBURN AV	GRANDVIEW AV	42	191.93	AC	632	69	FAIR	Y	
HAM27995	E MCMILLAN ST TO I-71 NB EXWY RAMP	E MCMILLAN ST	I-71 NB EXWY RAMP	24	1993.51	AC	199	97	GOOD	Y	ONE WAY
HAM27646	E MEHRING WY	BROADWAY	E PETE ROSE WY	50	1296.11	AC	386	73	SATISFACTORY	Y	
HAM34613	E MEHRING WY	JOE NUXHALL WY	BROADWAY	55	998.91	PCC	359	87	GOOD	Y	
HAM56244	E MEHRING WY	W MEHRING WY	JOE NUXHALL WY	30	933.48	PCC	285	86	GOOD	Y	
HAM00138	E MITCHELL AV	ARDMORE AV	CINC|STBRND CORPLINE	43	338.57	AC	415	89	GOOD	Y	
HAM18266	E MITCHELL AV	BERTUS ST	ZETTA AV	42	493.86	AC	227	65	FAIR	Y	
HAM00137	E MITCHELL AV	CINC|STBRND CORPLINE	RED BUD AV	43	159.66	AC	606	82	SATISFACTORY	Y	
HAM00134	E MITCHELL AV	DICKSON AV	WARWICK AV	43	314.82	AC	249	52	POOR	Y	
HAM18219	E MITCHELL AV	GLENCROSS AV	SULLIVAN AV	42	285.01	AC	380	56	FAIR	Y	
HAM18225	E MITCHELL AV	GREENLEE AV	DICKSON AV	45	176.09	AC	242	65	FAIR	Y	
HAM18223	E MITCHELL AV	LANGLEY AV	LOWRY AV	43	122.33	AC	281	58	FAIR	Y	
HAM18271	E MITCHELL AV	LEONARD AV	BERTUS ST	42	404.44	AC	201	64	FAIR	Y	
HAM18224	E MITCHELL AV	LOWRY AV	GREENLEE AV	44	176.34	AC	379	61	FAIR	Y	
HAM18220	E MITCHELL AV	PARKER PL	LANGLEY AV	43	224.39	AC	169	58	FAIR	Y	
HAM12817	E MITCHELL AV	ROSE HILL LN	CLINTON SPRINGS AV	43	760.64	AC	399	88	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM18273	E MITCHELL AV	VINE ST	LEONARD AV	43	989.67	AC	207	68	FAIR	Y	
HAM00135	E MITCHELL AV	WARWICK AV	REDWOOD TER	43	232.07	AC	416	62	FAIR	Y	
HAM18237	E MITCHELL AV	ZETTA AV	GLENCROSS AV	43	297.04	AC	278	72	SATISFACTORY	Y	
HAM19513	E NORTH BEND RD	VINE ST	POPLAR LN	34	196.96	AC	650	88	GOOD	Y	
HAM39177	E OBSERVATORY HILL AV	TERM SW OF W OBSERVATORY HILL AV	W OBSERVATORY HILL AV	23	364.87	AC	650	60	FAIR	Y	
HAM09396	E OBSERVATORY HILL AV	W OBSERVATORY HILL AV	OBSERVATORY AV	25	500.28	AC	650	48	POOR	Y	
HAM09050	E ONEIDIA AL	VINE ST	WALNUT ST	7	464.03		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM55665	E PETE ROSE WY	BUTLER ST	EGGLESTON AV	50	537.26	AC	224	79	SATISFACTORY	Y	
HAM53135	E PETE ROSE WY	E 2ND ST TO E PETE ROSE WY RAMP	US 27	86	444.61	AC	650	80	SATISFACTORY	Y	
HAM39815	E PETE ROSE WY	E MEHRING WY	BUTLER ST	45	907.96	AC	272	41	POOR	Y	
HAM30572	E PETE ROSE WY	EGGLESTON AV	KILGOUR ST	47	524.14	AC	547	75	SATISFACTORY	Y	
HAM27739	E PETE ROSE WY	KILGOUR ST	ADAMS XING	46	364.41	AC	126	95	GOOD	Y	
HAM27642	E PETE ROSE WY	US 27	E MEHRING WY	51	428.52	AC	523	79	SATISFACTORY	Y	
HAM05819	E ROCHELLE ST	AHRENS ST	EUCLID AV	37	232.67	AC	628	36	VERY POOR	Y	
HAM07991	E ROCHELLE ST	BELLEVUE AV	HIGHLAND AV	34	405.59	AC	650	21	SERIOUS	Y	
HAM05822	E ROCHELLE ST	EDEN AV	GERARD ST	35	240.40	AC	650	37	VERY POOR	Y	
HAM05820	E ROCHELLE ST	EUCLID AV	VAUGHN ST	36	228.43	AC	639	44	POOR	Y	
HAM07990	E ROCHELLE ST	GERARD ST	BELLEVUE AV	36	233.73	AC	596	44	POOR	Y	
HAM05817	E ROCHELLE ST	SHORT VINE ST	SEMINOLE ST	37	185.68	AC	650	87	GOOD	Y	
HAM33108	E ROCHELLE ST	VAUGHN ST	EDEN AV	32	235.55	AC	650	53	POOR	Y	
HAM00025	E ROOKWOOD DR	E ROOKWOOD DR	UNKNOWN	24	536.64	AC	382	36	VERY POOR	Y	
HAM06438	E ROOKWOOD DR	E ROOKWOOD DR	TERM NE OF E ROOKWOOD DR	24	213.11	AC	650	74	SATISFACTORY	Y	
HAM00016	E ROOKWOOD DR	EDWARDS RD	S ROOKWOOD DR	20	285.59	AC	650	81	SATISFACTORY	Y	
HAM00029	E ROOKWOOD DR	ROOKWOOD LN	W ROOKWOOD DR	24	388.06	AC	280	29	VERY POOR	Y	
HAM00018	E ROOKWOOD DR	S ROOKWOOD DR	ROOKWOOD LN	20	513.69	AC	357	54	POOR	Y	
HAM00027	E ROOKWOOD DR	S ROOKWOOD DR	ROOKWOOD LN	24	365.24	AC	387	30	VERY POOR	Y	
HAM00023	E ROOKWOOD PL	E ROOKWOOD PL	UNKNOWN	24	369.40	AC	258	46	POOR	Y	
HAM19361	E SEYMOUR AV	CARTHAGE CT	CINC|NOR CORPLINE	45	662.33	AC	273	55	POOR	Y	
HAM19274	E SEYMOUR AV	E SEYMOUR AV	RHODE ISLAND AV	46	362.69	AC	204	65	FAIR	Y	
HAM19564	E SEYMOUR AV	E SEYMOUR AV	STEGER DR	62	932.87	AC	286	59	FAIR	Y	
HAM22097	E SEYMOUR AV	E SEYMOUR AV	JOYCE LN	55	306.90	AC	277	67	FAIR	Y	
HAM22100	E SEYMOUR AV	E SEYMOUR AV	JOYCE LN	45	691.90	AC	206	61	FAIR	Y	
HAM33726	E SEYMOUR AV	EAGLE CT	LANGDON FARM RD	52	404.82	AC	283	53	POOR	Y	
HAM19563	E SEYMOUR AV	GLEN MEADOW LN	SHONA DR	53	458.78	AC	232	45	POOR	Y	
HAM35288	E SEYMOUR AV	LANGDON FARM RD	CARTHAGE CT	55	1014.45	AC	350	47	POOR	Y	
HAM27067	E SEYMOUR AV	LONGVIEW ST	SEYMOUR AV	58	871.67	AC	265	95	GOOD	Y	
HAM27048	E SEYMOUR AV	MARKET PL	LONGVIEW ST	36	186.88	AC	486	90	GOOD	Y	
HAM27042	E SEYMOUR AV	POPLAR LN	MARKET PL	35	379.77	AC	258	94	GOOD	Y	
HAM19554	E SEYMOUR AV	READING RD	HIRSCH DR	56	1020.31	AC	650	80	SATISFACTORY	Y	
HAM62265	E SEYMOUR AV	READING RD	HIRSCH DR	30	1018.45	AC	322	70	FAIR	Y	
HAM33725	E SEYMOUR AV	RHODE ISLAND AV	EAGLE CT	45	531.62	AC	202	71	SATISFACTORY	Y	
HAM35308	E SEYMOUR AV	SHONA DR	READING RD	65	872.20	AC	477	51	POOR	Y	
HAM19565	E SEYMOUR AV	STEGER DR	GLEN MEADOW LN	55	1303.06	AC	183	50	POOR	Y	
HAM07700	E SEYMOUR AV	VINE ST	POPLAR LN	36	198.03	AC	650	89	GOOD	Y	
HAM39143	E SHIELDS ST	EUCLID AV	TERM E OF EUCLID AV	24	422.99	AC	650	57	FAIR	Y	
HAM16750	E SHIELDS ST	VINE ST	EUCLID AV	25	489.83	AC	563	77	SATISFACTORY	Y	
HAM37348	E ST CHARLES PL	ST CHARLES PL	TERM E OF ST CHARLES PL	24	309.50	AC	650	68	FAIR	Y	
HAM34646	E TED BERRY WY	ROSA PARKS ST	SUSPENSION BRIDGE APPR	44	251.16	PCC	333	95	GOOD	Y	
HAM34620	E TED BERRY WY	SUSPENSION BRIDGE APPR	MARIAN SPENCER WY	45	177.14	PCC	309	86	GOOD	Y	
HAM02922	E TERALTA CIR	S TERALTA CIR	N TERALTA CIR	23	385.79	AC	584	59	FAIR	Y	
HAM08005	E UNIVERSITY AV	BELLEVUE AV	HIGHLAND AV	35	412.71	AC	379	61	FAIR	Y	
HAM08007	E UNIVERSITY AV	BURNET AV	VERNON PL	42	458.72	AC	242	92	GOOD	Y	
HAM08013	E UNIVERSITY AV	EDEN AV	GERARD ST	36	235.08	AC	650	52	POOR	Y	
HAM08011	E UNIVERSITY AV	EUCLID AV	VAUGHN ST	35	230.22	AC	467	42	POOR	Y	
HAM08014	E UNIVERSITY AV	GERARD ST	BELLEVUE AV	36	232.86	AC	193	47	POOR	Y	
HAM08006	E UNIVERSITY AV	HIGHLAND AV	E UNIVERSITY AV TO BURNET AV RAMP	40	274.78	AC	382	54	POOR	Y	
HAM08008	E UNIVERSITY AV	SHORT VINE ST	SEMINOLE ST	36	188.69	AC	518	60	FAIR	Y	
HAM08010	E UNIVERSITY AV	VAN ST	EUCLID AV	36	227.58	AC	555	61	FAIR	Y	
HAM33122	E UNIVERSITY AV	VAUGHN ST	EDEN AV	36	238.98	AC	650	34	VERY POOR	Y	
HAM24146	E UNIVERSITY AV	VERNON PL	READING RD	39	731.96	AC	492	87	GOOD	Y	
HAM38107	E WOODMONT AV	TERM S OF E WOODMONT AV SPLIT	E WOODMONT AV SPLIT	25	601.03	AC	650	83	SATISFACTORY	Y	
HAM12099	E WOODMONT AV	WOODMONT AV	E WOODMONT AV SPLIT	32	409.53	AC	266	74	SATISFACTORY	Y	
HAM39709	EAGLE CT	TERM SE OF E SEYMOUR AV	E SEYMOUR AV	30	469.69	AC	650	27	VERY POOR	Y	
HAM14234	EAGLESRIDGE LN	ADENA TRL	BIRCHKNOLL CT	27	273.61	AC	605	95	GOOD	Y	
HAM14226	EAGLESRIDGE LN	EAGLESRIDGE LN	EAGLESVIEW CT	27	339.04	AC	522	95	GOOD	Y	
HAM14227	EAGLESRIDGE LN	EAGLESRIDGE LN	ASPENKNOLL CT	27	242.28	AC	559	95	GOOD	Y	
HAM14239	EAGLESRIDGE LN	EAGLESRIDGE LN	EAGLESWATCH CT	29	260.72	AC	365	95	GOOD	Y	
HAM36096	EAGLESRIDGE LN	EAGLESRIDGE LN	TERM NW OF EAGLESRIDGE LN	28	747.64	AC	304	95	GOOD	Y	
HAM36092	EAGLESVIEW CT	EAGLESRIDGE LN	TERM NE OF EAGLESRIDGE LN	21	268.07	AC	650	95	GOOD	Y	
HAM36090	EAGLESWATCH CT	EAGLESRIDGE LN	TERM E OF EAGLESRIDGE LN	27	696.78	AC	308	95	GOOD	Y	
HAM09099	EARLSCOURT VIEW	GLENSHIRE AV	MANNINGTON AV	24	304.32	AC	193	63	FAIR	Y	
HAM09117	EARLSCOURT VIEW	KROGER AV	GLENSHIRE AV	25	296.48	AC	453	46	POOR	Y	
HAM09098	EARLSCOURT VIEW	MANNINGTON AV	WAKEFIELD DR	24	299.81	AC	447	54	POOR	Y	
HAM38927	EARLSCOURT VIEW	TERM S OF KROGER AV	KROGER AV	23	117.56	AC	650	76	SATISFACTORY	Y	
HAM20149	EARNSHAW AV	AUBURN AV	EARNSHAW AV	18	492.50	AC	650	81	SATISFACTORY	Y	
HAM26108	EARNSHAW AV	BURNET AV	RYAN AV	30	239.61	AC	650	70	FAIR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM26109	EARNSHAW AV	EARNSHAW AV	MAPLEWOOD AV	29	490.61	AC	650	73	SATISFACTORY	Y	
HAM26092	EARNSHAW AV	HIGHLAND AV	BURNET AV	30	286.20	AC	650	58	FAIR	Y	
HAM26104	EARNSHAW AV	MAPLEWOOD AV	HIGHLAND AV	30	326.03	AC	650	91	GOOD	Y	
HAM26105	EARNSHAW AV			4	245.37		-1	-1		N	DOES NOT EXIST
HAM32194	EAST AL	ST JOE ST	THILL ST	13	1029.55	AC	650	31	VERY POOR	Y	UNCOLLECTED PORTION BLOCKED BY DEBRIS
HAM37989	EAST APPLE ST	TERM E OF WINTON RIDGE LN	WINTON RIDGE LN	9	1023.43	AC	650	30	VERY POOR	Y	UNCOLLECTED PORTION UNPAVED ROAD
HAM00108	EAST EPWORTH AV	BURR OAK ST	WINTON RD	31	457.04	AC	635	95	GOOD	Y	
HAM18112	EAST EPWORTH AV	CHICKERING AV	W MITCHELL AV	24	1101.64	AC	594	88	GOOD	Y	
HAM18121	EAST EPWORTH AV	ESTE AV	KINGS RUN DR	25	176.00	AC	650	81	SATISFACTORY	Y	
HAM00110	EAST EPWORTH AV	NORTH EDGEWOOD AV	BURR OAK ST	30	541.11	AC	527	94	GOOD	Y	
HAM00109	EAST EPWORTH AV	W MITCHELL AV	NORTH EDGEWOOD AV	26	207.94	AC	450	39	VERY POOR	Y	
HAM13221	EAST FORK RD	BLAESI ST	MUCHMORE ST	20	299.22	AC	650	48	POOR	Y	
HAM13222	EAST FORK RD	MUCHMORE ST	AMY AV	20	244.69	AC	650	46	POOR	Y	
HAM37235	EAST HILL AV	MADISON RD	TERM E OF MADISON RD	30	744.44	AC	650	49	POOR	Y	
HAM07727	EAST HILL AV	POGUE AV	MADISON RD	31	361.44	AC	597	90	GOOD	Y	
HAM37231	EAST HILL AV	TERM NW OF POGUE AV	POGUE AV	31	407.61	AC	582	92	GOOD	Y	
HAM30724	EAST LAUREL PARK DR	EAST LAUREL PARK DR	WADE ST	18	204.25	AC	510	57	FAIR	Y	ONE WAY
HAM30868	EAST LAUREL PARK DR	EAST LAUREL PARK DR	DERRICK TURNBOW AV	19	229.67	AC	650	54	POOR	Y	ONE WAY
HAM30869	EAST LAUREL PARK DR	EAST LAUREL PARK DR	DAVID ST	18	229.58	AC	444	71	SATISFACTORY	Y	ONE WAY
HAM30708	EAST LAUREL PARK DR	LAUREL PARK DR	BETTON ST	19	182.32	AC	610	78	SATISFACTORY	Y	ONE WAY
HAM13228	EAST LEDGE ST	BLAESI ST	CAMARGO RD	24	304.67	AC	650	50	POOR	Y	
HAM13208	EAST LEDGE ST	JAMESON ST	BLAESI ST	24	274.95	AC	554	70	FAIR	Y	
HAM13200	EAST LEDGE ST	ROANOKE ST	JAMESON ST	23	215.14	AC	323	65	FAIR	Y	
HAM01957	EAST WY	NORTH WY	GROESBECK RD	25	349.15	AC	647	94	GOOD	Y	
HAM07002	EASTERN AV	AIRPORT RD	DEERING ST	40	219.85	AC	272	69	FAIR	Y	
HAM09172	EASTERN AV	BALLER ST	PHYLLIS LN	37	859.56	AC	174	79	SATISFACTORY	Y	
HAM09184	EASTERN AV	BEECHMONT CT	LINWOOD AV	40	516.08	AC	480	62	FAIR	Y	
HAM07000	EASTERN AV	DEERING ST	WORTMAN ST	40	2882.83	AC	209	60	FAIR	Y	
HAM06995	EASTERN AV	DELTA AV	STANLEY AV	40	957.92	AC	503	85	SATISFACTORY	Y	
HAM09093	EASTERN AV	DONHAM AV	STITES AV	40	434.56	AC	136	73	SATISFACTORY	Y	
HAM14515	EASTERN AV	HEEKIN AV	RUSSELL AV	40	399.38	AC	430	64	FAIR	Y	
HAM34316	EASTERN AV	LINWOOD AV	HEEKIN AV	39	1188.77	AC	145	75	SATISFACTORY	Y	
HAM07001	EASTERN AV	MCCULLOUGH ST	AIRPORT RD	42	420.89	AC	328	77	SATISFACTORY	Y	
HAM09176	EASTERN AV	PHYLLIS LN	BEECHMONT CT	43	780.51	AC	163	71	SATISFACTORY	Y	
HAM05412	EASTERN AV	RIVERSIDE DR	DELTA AV	60	248.14	AC	650	94	GOOD	Y	
HAM14522	EASTERN AV	RUSSELL AV	EASTERN AV TO COLUMBIA EB PKWY RAMP	40	97.07	AC	188	42	POOR	Y	
HAM06996	EASTERN AV	STANLEY AV	TUSCULUM AV	40	633.03	AC	145	84	SATISFACTORY	Y	
HAM07004	EASTERN AV	STITES AV	TENNYSON ST	39	306.39	AC	199	78	SATISFACTORY	Y	
HAM06999	EASTERN AV	TENNYSON ST	MCCULLOUGH ST	39	408.74	AC	164	59	FAIR	Y	
HAM09095	EASTERN AV	TUSCULUM AV	DONHAM AV	40	574.45	AC	149	75	SATISFACTORY	Y	
HAM09096	EASTERN AV	WORTMAN ST	BALLER ST	40	2054.80	AC	184	69	FAIR	Y	
HAM61556	EASTERN AV TO COLUMBIA EB PKWY RAMP	EASTERN AV	EASTERN EB TO EASTERN WB RAMP	26	357.38	AC	249	40	VERY POOR	Y	
HAM61555	EASTERN AV TO COLUMBIA EB PKWY RAMP	EASTERN EB TO EASTERN WB RAMP	COLUMBIA PKWY	26	1862.08	AC	197	70	FAIR	Y	
HAM39186	EASTERN HILLS LN	WASSON RD	TERM N OF WASSON RD	36	475.41	AC	489	83	SATISFACTORY	Y	
HAM36776	EASTKNOLL CT	TERM S OF W NORTH BEND RD	W NORTH BEND RD	36	429.17	AC	650	71	SATISFACTORY	Y	
HAM00012	EASTLAWN DR	GREENBRIAR PL	GLENDON PL	25	272.64	AC	308	74	SATISFACTORY	Y	
HAM00013	EASTLAWN DR	LARCHWOOD PL	GREENBRIAR PL	25	286.55	AC	424	78	SATISFACTORY	Y	
HAM19537	EASTLAWN DR	LOSANTIVILLE AV	LARCHWOOD PL	26	717.07	AC	451	59	FAIR	Y	
HAM39708	EASTLAWN DR	TERM S OF LOSANTIVILLE AV	LOSANTIVILLE AV	24	1462.40	AC	378	58	FAIR	Y	
HAM06472	EASTSIDE AV	PERKINS LN	OBSERVATORY AV	30	553.23	AC	395	75	SATISFACTORY	Y	
HAM07140	EASTWOOD DR	DUCK CREEK RD	KINGSLEY DR	50	1461.82	AC	161	95	GOOD	Y	
HAM00565	EASTWOOD DR	E EASTWOOD CIR	TERM N OF E EASTWOOD CIR	19	156.21	AC	650	54	POOR	Y	
HAM38377	EATON LN	TERM SW OF S FRED SHUTTLESWORTH CIR	S FRED SHUTTLESWORTH CIR	21	388.42	AC	650	36	VERY POOR	Y	
HAM38245	EBERSOLE AV	CHANDLER ST	TERM N OF CHANDLER ST	25	294.16	AC	650	79	SATISFACTORY	Y	
HAM00490	EBERSOLE AV	MADISON RD	CHANDLER ST	20	1161.47	AC	650	45	POOR	Y	ONE WAY
HAM00557	EBERSOLE AV	PEABODY AV	PRENTICE ST	17	434.78	AC	391	95	GOOD	Y	
HAM33878	EBERSOLE AV	PRENTICE ST	MADISON RD	20	460.05	AC	422	95	GOOD	Y	
HAM00440	EBONY LN	KINGSFORD DR	SUNRIDGE DR	24	273.82	AC	625	31	VERY POOR	Y	
HAM00441	EBONY LN	SCARLET DR	KINGSFORD DR	24	274.70	AC	647	37	VERY POOR	Y	
HAM35407	EBONY LN	TERM E OF SCARLET DR	SCARLET DR	25	129.08	AC	650	44	POOR	Y	
HAM38136	ECHO LN	WADSBURY DR	TERM E OF WADSBURY DR	28	439.12	AC	516	72	SATISFACTORY	Y	
HAM20295	EDDY AL	MANSFIELD ST	BUNKER AL	8	117.23		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM20293	EDDY AL	VON SEGGERN AL	MANSFIELD ST	8	122.39		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM07992	EDEN AV	DONAHUE ST	E ROCHELLE ST	39	198.67	AC	650	44	POOR	Y	
HAM07977	EDEN AV	E CHARLTON ST	OAK ST	41	399.67	AC	303	37	VERY POOR	Y	
HAM07971	EDEN AV	E CORRY ST	E CHARLTON ST	42	460.64	AC	650	37	VERY POOR	Y	
HAM17707	EDEN AV	E MARTIN LUTHER KING JR DR	PIEDMONT AV	60	273.37	AC	328	84	SATISFACTORY	Y	
HAM05815	EDEN AV	E ROCHELLE ST	E MARTIN LUTHER KING JR DR	32	547.38	AC	514	93	GOOD	Y	
HAM07997	EDEN AV	E UNIVERSITY AV	DONAHUE ST	39	259.30	AC	473	45	POOR	Y	
HAM05717	EDEN AV	FOREST AV	IRWIN PL	31	617.24	AC	650	82	SATISFACTORY	Y	
HAM34680	EDEN AV	FOSDICK ST	E UNIVERSITY AV	38	266.72	AC	234	38	VERY POOR	Y	
HAM33417	EDEN AV	GOODMAN DR	PANZECA WY	30	649.27	AC	327	94	GOOD	Y	
HAM38356	EDEN AV	IRWIN PL	TERM N OF IRWIN PL	30	226.07	AC	644	76	SATISFACTORY	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM07966	EDEN AV	OAK ST	FOSDICK ST	41	197.17	AC	390	49	POOR	Y	
HAM33418	EDEN AV	PANZECA WY	ALBERT SABIN WY	40	375.04	AC	476	95	GOOD	Y	
HAM17706	EDEN AV	PIEDMONT AV	GOODMAN DR	50	268.07	AC	159	81	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM07857	EDEN AV	WILLIAM H TAFT RD	E CORRY ST	43	283.83	AC	650	48	POOR	Y	
HAM26172	EDEN PARK DR	ART MUSEUM DR	FULTON AV	27	832.76	AC	361	59	FAIR	Y	
HAM27911	EDEN PARK DR	FLORENCE AV	GILBERT AV	55	664.08	AC	647	77	SATISFACTORY	Y	
HAM26174	EDEN PARK DR	FULTON AV	MARTIN DR	32	1507.77	AC	194	45	POOR	Y	
HAM27919	EDEN PARK DR	GILBERT AV	ART MUSEUM DR	40	810.88	AC	248	72	SATISFACTORY	Y	
HAM27927	EDEN PARK DR	I-71 NB EXWY TO DORCHESTER AV RAMP	EDEN PARK DR TO I-71 SB EXWY RAMP	55	282.50	AC	650	72	SATISFACTORY	Y	
HAM26142	EDEN PARK DR	MARTIN DR	ST PAUL DR	41	1415.43	AC	298	39	VERY POOR	Y	
HAM37969	EDGAR ST	CLYDE ST	TERM SW OF CLYDE ST	14	214.08	AC	650	93	GOOD	Y	
HAM11714	EDGAR ST	RIVER RD	CLYDE ST	15	518.03	AC	650	91	GOOD	Y	
HAM39423	EDGECLIFF PT	TERM S OF EDGECLIFF RD	EDGECLIFF RD	26	401.88	AC	489	47	POOR	Y	
HAM05541	EDGECLIFF RD	FRANCIS LN	EDGECLIFF PT	29	170.62	AC	650	45	POOR	Y	
HAM38376	EDGEHILL PL	N FRED SHUTTLESWORTH CIR	TERM NW OF N FRED SHUTTLESWORTH CIR	36	409.75	AC	614	71	SATISFACTORY	Y	
HAM20401	EDGEMONT RD	CINC|SPRGTP CORPLINE	WOODLAND AV	20	281.92	AC	374	65	FAIR	Y	
HAM20399	EDGEMONT RD	SECTION RD	EDGEMONT RD	19	180.52	AC	650	85	SATISFACTORY	Y	
HAM38892	EDGETREE LN	JUNIPER AV	TERM N OF JUNIPER AV	23	327.55	AC	650	83	SATISFACTORY	Y	
HAM38894	EDGETREE LN	TERM S OF JUNIPER AV	JUNIPER AV	23	581.26	AC	386	69	FAIR	Y	
HAM07548	EDGEVIEW DR	GLEN EDGE LN	ROBISON RD	24	1381.31	AC	261	76	SATISFACTORY	Y	
HAM34524	EDISON DR	PADDOCK RD	STEGER DR	40	565.86	PCC	650	42	POOR	Y	
HAM39695	EDISON DR	TERM NW OF PADDOCK RD	PADDOCK RD	28	1026.30	PCC	497	79	SATISFACTORY	Y	
HAM06752	EDITH AV	CINC|COLUTP CORPLINE	BRAMBLE AV	19	180.79	AC	618	91	GOOD	Y	
HAM02185	EDNA AV	HART AV	HOWARD AV	15	199.40	AC	650	21	SERIOUS	Y	
HAM02183	EDNA AV	HOWARD AV	HOWARD AV	15	123.82	AC	649	32	VERY POOR	Y	
HAM37102	EDNA AV	TERM E OF HART AV	HART AV	21	341.29	AC	631	23	SERIOUS	Y	
HAM37654	EDROY CT	EDWARDS RD	TERM E OF EDWARDS RD	24	556.33	AC	506	86	GOOD	Y	
HAM33523	EDWARDS RD	COX LN	EDROY CT	43	271.79	AC	419	89	GOOD	Y	
HAM24098	EDWARDS RD	DACEY AV	MARKBREIT AV	41	353.67	AC	650	50	POOR	Y	
HAM00050	EDWARDS RD	E ROOKWOOD DR	NITA LN	26	153.17	AC	650	48	POOR	Y	
HAM19053	EDWARDS RD	ERIE AV	GREGSON PL	57	184.46	AC	650	47	POOR	Y	
HAM24096	EDWARDS RD	GARLAND AV	DACEY AV	40	231.77	AC	357	80	SATISFACTORY	Y	
HAM05500	EDWARDS RD	GRANDIN RD	LOWER GRANDIN RD	26	659.75	AC	437	67	FAIR	Y	
HAM06436	EDWARDS RD	GREEN HILLS RD	HAMPSHIRE AV	26	1017.04	AC	413	54	POOR	Y	
HAM19453	EDWARDS RD	GREGSON PL	GRIFFITHS AV	50	828.78	AC	233	36	VERY POOR	Y	
HAM19805	EDWARDS RD	GRIFFITHS AV	WASSON RD	50	876.79	AC	428	41	POOR	Y	
HAM06446	EDWARDS RD	HAMPSHIRE AV	PERKINS LN	30	305.73	AC	421	76	SATISFACTORY	Y	
HAM00019	EDWARDS RD	LOWER GRANDIN RD	E ROOKWOOD DR	27	115.94	AC	262	50	POOR	Y	
HAM19810	EDWARDS RD	MADISON RD	WILLARD AV	56	543.34	AC	299	75	SATISFACTORY	Y	
HAM00051	EDWARDS RD	NITA LN	WALSH RD	26	480.54	AC	246	59	FAIR	Y	
HAM19050	EDWARDS RD	OBSERVATORY AV	ERIE AV	40	783.58	AC	477	48	POOR	Y	
HAM06467	EDWARDS RD	PERKINS LN	OBSERVATORY AV	31	552.76	AC	323	67	FAIR	Y	
HAM00022	EDWARDS RD	WALSH RD	GREEN HILLS RD	26	755.83	AC	492	40	VERY POOR	Y	
HAM19806	EDWARDS RD	WASSON RD	MADISON RD	50	208.99	AC	394	71	SATISFACTORY	Y	
HAM19808	EDWARDS RD	WILLARD AV	ARBOR PL	58	283.58	AC	216	78	SATISFACTORY	Y	
HAM19653	EDWARDS RD TO I-71 NB RAMP	EDWARDS RD	I-71 NB RAMP	15	1383.29	AC	194	91	GOOD	Y	ONE WAY
HAM13002	EDWIN AV	TERM E OF FAIRBANKS AV	FAIRBANKS AV	12	208.64	AC	650	100	GOOD	Y	
HAM01317	EDWOOD AV	AMBERWOOD CT	OAK KNOLL DR	24	453.00	AC	564	95	GOOD	Y	
HAM00891	EDWOOD AV	HOLLYWOOD AV	PALMWOOD CT	24	683.51	AC	321	56	FAIR	Y	
HAM00843	EDWOOD AV	PALMWOOD CT	AMBERWOOD CT	24	236.73	AC	535	43	POOR	Y	
HAM00823	EDWOOD AV	TEAKWOOD AV	HOLLYWOOD AV	22	666.04	AC	412	35	VERY POOR	Y	
HAM00829	EDWOOD AV	W NORTH BEND RD	WIONNA AV	21	594.69	AC	414	38	VERY POOR	Y	
HAM00827	EDWOOD AV	WIONNA AV	WITTEKIND TER	21	456.54	AC	422	32	VERY POOR	Y	
HAM00826	EDWOOD AV	WITTEKIND TER	TEAKWOOD AV	20	405.77	AC	481	28	VERY POOR	Y	
HAM27634	EGAN AL	MCFARLAND ST	W 4TH ST	11	229.39		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM40497	EGAN CT	TERM W OF PADDOCK RD	PADDOCK RD	25	353.28	AC	650	87	GOOD	Y	
HAM38384	EGAN HILLS DR	TERM W OF PADDOCK RD	PADDOCK RD	26	889.41	AC	650	70	FAIR	Y	
HAM38589	EGBERT AV	AMAZON AV	TERM N OF AMAZON AV	26	1134.43	AC	383	94	GOOD	Y	
HAM15387	EGGERS PL	LISCHER AV	HARRISON AV	25	962.04	AC	650	37	VERY POOR	Y	
HAM27673	EGGLESTON AV	BEDINGER ST	E 9TH ST	23	237.65	AC	650	74	SATISFACTORY	Y	
HAM08678	EGGLESTON AV	BROADWAY	E CENTRAL PKWY	39	457.13	PCC	548	88	GOOD	Y	
HAM27674	EGGLESTON AV	CULVERT ST	BEDINGER ST	39	219.17	AC	650	80	SATISFACTORY	Y	
HAM53215	EGGLESTON AV	CULVERT ST	E 9TH ST	23	455.63	AC	323	84	SATISFACTORY	Y	
HAM27724	EGGLESTON AV	E 3RD ST	E 4TH ST	25	355.68	AC	486	81	SATISFACTORY	Y	
HAM53212	EGGLESTON AV	E 3RD ST	SENTINEL ST	23	1366.31	AC	272	72	SATISFACTORY	Y	
HAM27723	EGGLESTON AV	E 4TH ST	E 5TH ST	23	480.25	AC	260	61	FAIR	Y	
HAM27715	EGGLESTON AV	E 5TH ST	SENTINEL ST	24	529.95	AC	242	74	SATISFACTORY	Y	
HAM26081	EGGLESTON AV	E 9TH ST	BROADWAY	23	354.57	AC	246	78	SATISFACTORY	Y	
HAM53216	EGGLESTON AV	E 9TH ST	BROADWAY	22	356.14	AC	650	89	GOOD	Y	
HAM08692	EGGLESTON AV	E CENTRAL PKWY	READING RD	17	160.73	AC	650	84	SATISFACTORY	Y	
HAM27735	EGGLESTON AV	E PETE ROSE WY	E 3RD ST	38	453.25	AC	551	80	SATISFACTORY	Y	
HAM53207	EGGLESTON AV	E PETE ROSE WY	E 3RD ST	32	451.88	AC	397	75	SATISFACTORY	Y	
HAM53214	EGGLESTON AV	SENTINEL ST	CULVERT ST	23	493.47	AC	629	70	FAIR	Y	
HAM54487	EGGLESTON AV	SENTINEL ST	CULVERT ST	23	493.34	AC	374	65	FAIR	Y	
HAM05878	EHRMAN AV	HAVEN ST	WILSON AV	30	752.87	AC	643	51	POOR	Y	
HAM05695	EHRMAN AV	LOSSING ST	NORWICH AV	36	1002.88	AC	418	39	VERY POOR	Y	
HAM05697	EHRMAN AV	NORWICH AV	HAVEN ST	29	318.18	AC	424	60	FAIR	Y	
HAM05694	EHRMAN AV	VINE ST	LOSSING ST	39	203.72	AC	650	29	VERY POOR	Y	
HAM19728	EILEEN DR	MADISON RD	ROMANA PL	24	587.58	AC	635	80	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM19640	EILEEN DR	MARKBREIT AV	MINOT AV	30	317.61	AC	650	95	GOOD	Y	
HAM24134	EILEEN DR	MINOT AV	ROBERTSON AV	30	1150.67	AC	588	95	GOOD	Y	
HAM19729	EILEEN DR	ROMANA PL	MARKBREIT AV	24	566.09	AC	650	72	SATISFACTORY	Y	
HAM02698	EKARDT ST	QUEEN CITY AV	WICKHAM AL	18	115.41	AC	650	41	POOR	Y	
HAM02696	EKARDT ST	WICKHAM AL	TERM N OF WICKHAM AL	14	49.21		-1	-1		N	BLOCKED BY VEHICLES
HAM25591	ELAM ST	COLERAIN AV	GARRARD AV	30	392.61	AC	443	75	SATISFACTORY	Y	
HAM40919	ELBERON AV	ANSONIA AV	MT HOPE AV	39	271.48	AC	309	36	VERY POOR	Y	
HAM02528	ELBERON AV	BASSETT RD	PHILLIPS AV	41	1162.21	AC	246	37	VERY POOR	Y	
HAM02021	ELBERON AV	BREVIER AV	GLENWAY AV	31	536.52	AC	650	90	GOOD	Y	ONE WAY
HAM02013	ELBERON AV	GLENWAY AV	LEHMAN RD	31	719.96	AC	650	72	SATISFACTORY	Y	
HAM57273	ELBERON AV	LEHMAN RD	TERM N OF	30	266.27	AC	650	84	SATISFACTORY	Y	
HAM01758	ELBERON AV	MARYLAND AV	ELBERON AV TO W 6TH EB RAMP	41	574.46	PCC	324	98	GOOD	Y	
HAM55196	ELBERON AV	MT ECHO PARK DR	UNNAMED AL	41	191.57	AC	167	57	FAIR	Y	
HAM02532	ELBERON AV	MT HOPE AV	PURCELL AV	43	2283.87	AC	310	36	VERY POOR	Y	
HAM40920	ELBERON AV	MT HOPE AV	MT HOPE AV	41	265.91	AC	650	41	POOR	Y	
HAM02539	ELBERON AV	OSAGE AV	WARSAW AV	31	717.00	AC	371	52	POOR	Y	
HAM02538	ELBERON AV	PHILLIPS AV	W 8TH ST	41	612.31	AC	445	43	POOR	Y	
HAM02534	ELBERON AV	PICA ST	BASSETT RD	38	977.53	AC	157	50	POOR	Y	
HAM02535	ELBERON AV	PRICE AV	OSAGE AV	31	385.69	AC	650	52	POOR	Y	
HAM02530	ELBERON AV	PURCELL AV	MT ECHO PARK DR	38	603.23	AC	356	62	FAIR	Y	
HAM01747	ELBERON AV	STATE AV	MARYLAND AV	42	308.30	PCC	650	98	GOOD	Y	
HAM02529	ELBERON AV	UNNAMED AL	PICA ST	41	385.17	AC	147	51	POOR	Y	
HAM53607	ELBERON AV	W 6TH WB ST TO ELBERON AV RAMP	ANSONIA AV	41	511.42	AC	273	30	VERY POOR	Y	
HAM02536	ELBERON AV	W 8TH ST	PRICE AV	40	431.73	AC	309	67	FAIR	Y	
HAM02537	ELBERON AV	W 8TH ST	W 8TH ST	40	128.57	AC	650	47	POOR	Y	
HAM60958	ELBERON AV TO W 6TH EB RAMP	ELBERON AV	TERM E OF ELBERON AV	30	1924.68	PCC	255	100	GOOD	Y	ONE WAY
HAM60960	ELBERON AV TO W 6TH EB RAMP	WARSAW AV TO W 6TH EB ST RAMP	W 6TH EB ST	24	729.38	PCC	243	94	GOOD	Y	ONE WAY
HAM12059	ELBROOK AV	LANGDON FARM RD	CINC|GOLFMN CORPLINE	24	225.31	AC	650	70	FAIR	Y	
HAM11141	ELCO ST	GRACELY DR	PARKLAND AV	35	313.36	AC	650	69	FAIR	Y	
HAM11140	ELCO ST	JERSEY AV	HOME CITY AV	21	357.39	AC	440	54	POOR	Y	
HAM11143	ELCO ST	PARKLAND AV	JERSEY AV	18	376.77	AC	333	55	POOR	Y	
HAM37137	ELCO ST	TERM SW OF GRACELY DR	GRACELY DR	19	261.66	AC	570	46	POOR	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM35406	ELDA LN	TERM E OF ARGUS RD	ARGUS RD	26	543.87	AC	650	49	POOR	Y	
HAM15456	ELDER AL	HARRISON AV	STATHEM AV	11	370.45	AC	650	93	GOOD	Y	ONE WAY
HAM06197	ELDORADO AV	ALLEY #10	KELLOGG AV	22	127.86	AC	650	77	SATISFACTORY	Y	
HAM06170	ELDORADO AV	ALLEY #9	LINNEMAN ST	21	143.98	AC	406	95	GOOD	Y	
HAM06177	ELDORADO AV	BERTE ST	BRYSON ST	20	303.08	AC	214	93	GOOD	Y	
HAM06174	ELDORADO AV	BRYSON ST	CROSLIN ST	20	285.86	AC	171	95	GOOD	Y	
HAM06173	ELDORADO AV	CROSLIN ST	SMITH AL	20	144.09	AC	370	95	GOOD	Y	
HAM06169	ELDORADO AV	LINNEMAN ST	ALLEY #10	22	140.46	AC	562	95	GOOD	Y	
HAM06178	ELDORADO AV	PANAMA ST	BERTE ST	20	244.21	AC	443	93	GOOD	Y	
HAM06172	ELDORADO AV	SMITH AL	ALLEY #9	20	291.23	AC	650	95	GOOD	Y	
HAM06187	ELDORADO AV	VALLEY FORD ST	PANAMA ST	12	251.90	AC	451	85	SATISFACTORY	Y	
HAM32132	ELEANOR PL	DORCHESTER AV	MALVERN PL	29	254.74	AC	171	80	SATISFACTORY	Y	
HAM20110	ELEANOR PL	GAGE ST	HUNTINGTON PL	30	154.35	AC	610	62	FAIR	Y	
HAM20152	ELEANOR PL	HUNTINGTON PL	TERM N OF HUNTINGTON PL	30	152.45	AC	650	67	FAIR	Y	
HAM20200	ELEANOR PL	MALVERN PL	GAGE ST	30	90.25	AC	240	58	FAIR	Y	
HAM20215	ELEANOR PL	TERM S OF DORCHESTER AV	DORCHESTER AV	64	202.43	AC	633	77	SATISFACTORY	Y	
HAM27885	ELIJAH AL	BAMBOO AL	CHANNING ST	11	182.16	BR	650	-1		Y	
HAM26096	ELIJAH AL	BOAL ST	SLACK ST	14	320.16	BR	650	-1		Y	
HAM27886	ELIJAH AL	RINGGOLD ST	BAMBOO AL	12	185.29	BR	650	-1		Y	
HAM26097	ELIJAH AL	SLACK ST	RINGGOLD ST	14	196.06	BR	650	-1		Y	
HAM25629	ELIZA ST	HUKILL AL	HALSTEAD ST	24	127.14	AC	650	40	VERY POOR	Y	
HAM25630	ELIZA ST	W MCMICKEN AV	HUKILL AL	24	139.82	AC	650	40	VERY POOR	Y	
HAM12446	ELIZABETH PL	LAIDLAW AV	READING RD	24	1617.12	AC	414	29	VERY POOR	Y	
HAM25892	ELIZABETH ST	CENTRAL AV	JOHN ST	36	451.81	AC	650	52	POOR	Y	
HAM30765	ELIZABETH ST	CUTTER ST	RUHR WY	19	146.20	AC	650	84	SATISFACTORY	Y	ONE WAY
HAM25893	ELIZABETH ST	JOHN ST	MOUND ST	38	314.19	AC	650	61	FAIR	Y	
HAM30766	ELIZABETH ST	RHINE WY	LINN ST	20	157.72	AC	650	71	SATISFACTORY	Y	ONE WAY
HAM30769	ELIZABETH ST	RUHR WY	RHINE WY	25	378.50	AC	457	80	SATISFACTORY	Y	ONE WAY
HAM25817	ELKINS AL	BALDWIN AL	RACE ST	8	124.95		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM25769	ELKINS AL	BRITT AL	ELM ST	7	125.33		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM25831	ELKINS AL	DOERR AL	BALDWIN AL	7	213.82		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM25781	ELKINS AL	IRA AL	BRITT AL	9	201.08		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM25818	ELKINS AL	RACE ST	IRA AL	9	132.21		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM25816	ELKINS AL	VINE ST	DOERR AL	8	129.80		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM00798	ELKTON PL	BUDMAR AV	CARY AV	30	419.43	AC	520	47	POOR	Y	
HAM00806	ELKTON PL	GLADYS AV	HAMILTON AV	21	333.49	AC	456	95	GOOD	Y	
HAM00801	ELKTON PL	HAMILTON AV	BUDMAR AV	31	320.58	AC	617	36	VERY POOR	Y	
HAM00799	ELKTON PL	LANTANA AV	GLADYS AV	20	1344.24	AC	373	95	GOOD	Y	
HAM07401	ELLA ST	DELANEY ST	PITTS AV	25	557.04	AC	552	55	POOR	Y	
HAM08681	ELLIOTT ST	BUNKER AL	BROADWAY	17	114.78	AC	650	53	POOR	Y	
HAM08682	ELLIOTT ST	SYCAMORE ST	BUNKER AL	20	374.71	AC	650	68	FAIR	Y	
HAM07496	ELLIS ST	CRAWFORD AV	DICKS AL	23	541.57	AC	406	87	GOOD	Y	
HAM07523	ELLIS ST	DICKS AL	DANE AV	23	190.58	AC	495	78	SATISFACTORY	Y	
HAM13285	ELLISON AV	NASH AV	LINWOOD AV	31	886.77	AC	650	61	FAIR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM13289	ELLISON AV	TOTTEN WY	NASH AV	30	447.59	AC	650	46	POOR	Y	
HAM27014	ELM PARK DR	ELM VIEW PL	PADDOCK RD	23	1255.10	AC	619	46	POOR	Y	
HAM37194	ELM PARK DR	TERM W OF ELM VIEW PL	ELM VIEW PL	24	295.96	AC	650	76	SATISFACTORY	Y	
HAM53589	ELM ST	ADRIAN AL	MAGNOLIA ST	40	115.87	AC	349	76	SATISFACTORY	Y	ONE WAY
HAM27630	ELM ST	BENHAM AL	W 4TH ST	46	172.27	AC	325	94	GOOD	Y	ONE WAY
HAM25789	ELM ST	CHARLES ST	GANDOLFO AL	41	110.63	AC	277	31	VERY POOR	Y	ONE WAY
HAM54148	ELM ST	ELKINS AL	W CENTRAL PKWY	39	159.04	AC	650	52	POOR	Y	ONE WAY
HAM25787	ELM ST	ERICH KUNZEL WY	GRANT ST	41	236.48	BR	266	-1		Y	ONE WAY
HAM08436	ELM ST	ETON PL	HENRY ST	41	260.46	AC	301	68	FAIR	Y	ONE WAY
HAM08434	ELM ST	FINDLAY ST	ETON PL	40	139.58	AC	316	80	SATISFACTORY	Y	ONE WAY
HAM25788	ELM ST	GANDOLFO AL	ERICH KUNZEL WY	41	125.65	AC	650	37	VERY POOR	Y	ONE WAY
HAM25998	ELM ST	GEORGE ST	W 7TH ST	44	249.42	AC	650	40	VERY POOR	Y	ONE WAY
HAM10579	ELM ST	GLASS AL	W ELDER ST	42	157.58	PCC	213	75	SATISFACTORY	Y	ONE WAY
HAM25790	ELM ST	GRANT ST	W 14TH ST	52	614.75	BR	207	-1		Y	ONE WAY
HAM10580	ELM ST	GREEN ST	GLASS AL	42	209.36	PCC	199	75	SATISFACTORY	Y	ONE WAY
HAM08432	ELM ST	HENRY ST	W MCMICKEN AV	39	497.47	AC	601	31	VERY POOR	Y	ONE WAY
HAM21688	ELM ST	MAGNOLIA ST	WHETSEL AL	40	111.83	AC	190	78	SATISFACTORY	Y	ONE WAY
HAM65044	ELM ST	MORAND AL	GEORGE ST	44	83.73	AC	266	36	VERY POOR	Y	ONE WAY
HAM08305	ELM ST	ODEON ST	TIFFIN AL	41	116.50	AC	189	84	SATISFACTORY	Y	ONE WAY
HAM25959	ELM ST	PENDERY AL	W COURT ST	39	166.36	AC	650	59	FAIR	Y	ONE WAY
HAM08285	ELM ST	SELLEW AL	FINDLAY ST	39	271.48	AC	650	74	SATISFACTORY	Y	ONE WAY
HAM08302	ELM ST	TIFFIN AL	WADE ST	41	115.46	AC	269	82	SATISFACTORY	Y	ONE WAY
HAM21689	ELM ST	W 14TH ST	ADRIAN AL	41	123.63	AC	170	75	SATISFACTORY	Y	ONE WAY
HAM09012	ELM ST	W 15TH ST	ODEON ST	41	264.52	AC	173	93	GOOD	Y	ONE WAY
HAM28083	ELM ST	W 3RD ST	MCFARLAND ST	47	235.53	AC	602	95	GOOD	Y	ONE WAY
HAM27629	ELM ST	W 4TH ST	W 5TH ST	50	465.97	AC	650	95	GOOD	Y	ONE WAY
HAM27591	ELM ST	W 5TH ST	W 6TH ST	40	494.15		-1	-1		N	BLOCKED BY CONSTRUCTION
HAM65043	ELM ST	W 6TH ST	MORAND AL	44	99.26	AC	331	48	POOR	Y	ONE WAY
HAM25997	ELM ST	W 7TH ST	W 8TH ST	41	261.54	AC	288	64	FAIR	Y	ONE WAY
HAM25994	ELM ST	W 8TH ST	WEAVER AL	41	129.43	AC	273	45	POOR	Y	ONE WAY
HAM25955	ELM ST	W 9TH ST	PENDERY AL	40	167.67	AC	328	44	POOR	Y	ONE WAY
HAM25756	ELM ST	W CENTRAL PKWY	CHARLES ST	41	195.45	AC	512	40	VERY POOR	Y	ONE WAY
HAM54147	ELM ST	W COURT ST	ELKINS AL	40	160.29	AC	374	43	POOR	Y	ONE WAY
HAM08435	ELM ST	W ELDER ST	SELLEW AL	40	157.71	AC	251	74	SATISFACTORY	Y	ONE WAY
HAM57971	ELM ST	W MEHRING WY	W FREEDOM WY	45	809.27	PCC	590	70	FAIR	Y	
HAM08300	ELM ST	WADE ST	W LIBERTY ST	41	164.63	AC	650	87	GOOD	Y	ONE WAY
HAM25957	ELM ST	WEAVER AL	W 9TH ST	42	136.88	AC	289	48	POOR	Y	ONE WAY
HAM21684	ELM ST	WHETSEL AL	W 15TH ST	40	101.61	AC	149	79	SATISFACTORY	Y	ONE WAY
HAM12273	ELM VIEW PL	CHEYENNE DR	TOWANDA TER	24	241.98	AC	650	71	SATISFACTORY	Y	
HAM27012	ELM VIEW PL	ELM PARK DR	CHEYENNE DR	24	287.96	AC	193	65	FAIR	Y	
HAM37058	ELM VIEW PL	TERM S OF ELM PARK DR	ELM PARK DR	24	234.80	AC	650	70	FAIR	Y	
HAM38262	ELMDALE DR	WASIGO DR	TERM N OF WASIGO DR	25	445.10	AC	650	48	POOR	Y	
HAM05742	ELMHURST AV	BREEN ST	ELMHURST PL	22	207.17	AC	650	42	POOR	Y	
HAM05991	ELMHURST AV	ELMHURST PL	ELMHURST PL	22	321.27	AC	650	78	SATISFACTORY	Y	
HAM53371	ELMHURST AV	ELMHURST PL	TORRENCE LN	4	308.65		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM65911	ELMORE CT	COLERAIN AV	TERM W OF COLERAIN AV	29	124.95	AC	650	93	GOOD	Y	
HAM29482	ELMORE CT	SPRING GROVE CT	COLERAIN AV	29	391.84	AC	354	93	GOOD	Y	
HAM38616	ELMORE CT	TERM E OF WILLIAM P DOOLEY BYPS	WILLIAM P DOOLEY BYPS	31	240.95	AC	558	80	SATISFACTORY	Y	
HAM21911	ELMORE ST	BORDEN ST	LLEWELLYN AV	61	276.28	AC	495	39	VERY POOR	Y	
HAM29947	ELMORE ST	CASS AV	TAPPAN AV	17	255.60	AC	650	93	GOOD	Y	
HAM29496	ELMORE ST	COLERAIN AV	PRANG ST	62	401.40	AC	445	75	SATISFACTORY	Y	
HAM28166	ELMORE ST	DIRR ST	MILLER ST	60	339.88	AC	516	60	FAIR	Y	
HAM21909	ELMORE ST	I-74 EB EXWY TO BEEKMAN ST RAMP	SYLVAN AV	31	274.49	AC	569	83	SATISFACTORY	Y	
HAM21910	ELMORE ST	LLEWELLYN AV	I-74 EB EXWY TO BEEKMAN ST RAMP	60	249.52	AC	540	26	VERY POOR	Y	
HAM28165	ELMORE ST	MILLER ST	BORDEN ST	60	420.25	AC	273	57	FAIR	Y	
HAM28177	ELMORE ST	PRANG ST	DIRR ST	63	363.63	AC	268	85	SATISFACTORY	Y	
HAM29485	ELMORE ST	SPRING GROVE AV	COLERAIN AV	48	516.58	AC	275	87	GOOD	Y	
HAM29478	ELMORE ST	WILLIAM P DOOLEY BYPS	SPRING GROVE AV	39	197.93	AC	469	81	SATISFACTORY	Y	
HAM19512	ELMSHADE AV	BEAVERTON AV	CORVALLIS AV	27	292.66	AC	448	37	VERY POOR	Y	
HAM20397	ELMSHADE AV	CORVALLIS AV	SHENANDOAH AV	27	295.33	AC	535	28	VERY POOR	Y	
HAM19496	ELMSHADE AV	KENOVA AV	ROBINWOOD AV	21	293.07	AC	562	30	VERY POOR	Y	
HAM19494	ELMSHADE AV	LAKELAND AV	BEAVERTON AV	27	292.59	AC	487	41	POOR	Y	
HAM19495	ELMSHADE AV	ROBINWOOD AV	LAKELAND AV	27	293.71	AC	462	38	VERY POOR	Y	
HAM20396	ELMSHADE AV	SHENANDOAH AV	SECTION RD	26	348.89	AC	650	46	POOR	Y	
HAM36943	ELSIE AV	TERM S OF CEDAR AV	CEDAR AV	23	661.18	AC	497	95	GOOD	Y	
HAM09112	ELSINBORO RD	CREVELINGS LN	TUSCULUM AV	25	128.61	AC	650	39	VERY POOR	Y	
HAM38914	ELSINBORO RD	TERM S OF CREVELINGS LN	CREVELINGS LN	24	795.36	AC	419	45	POOR	Y	
HAM27880	ELSINORE AV	VAN METER ST	GILBERT AV	42	387.50	AC	480	64	FAIR	Y	
HAM27882	ELSINORE AV	WAREHAM DR	VAN METER ST	29	1289.70	AC	418	61	FAIR	Y	
HAM27878	ELSINORE PL	GILBERT AV	READING RD	72	667.12	AC	622	72	SATISFACTORY	Y	
HAM65280	ELSTUN RD	ELSTUN RD	RESERVE CIR	20	220.68	AC	301	41	POOR	Y	
HAM25674	ELSTUN RD	SPINDLEHILL DR	ANDETP|CINC CORPLINE	21	97.81	AC	545	33	VERY POOR	Y	
HAM65279	ELSTUN RD	TERM SW OF	TERM NE OF	20	766.58	AC	411	34	VERY POOR	Y	
HAM65278	ELSTUN RD	TERM W OF	TERM E OF TERM W OF	20	624.34	AC	502	27	VERY POOR	Y	
HAM39232	ELYSIAN PL	TERM S OF GRAHAM ST	GRAHAM ST	24	261.23	AC	650	91	GOOD	Y	
HAM37151	EMBRETT CT	HILLFRED LN	TERM W OF HILLFRED LN	25	385.84	AC	650	79	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM25763	EMERSON AL	SHUTE AL	GRANT ST	7	112.76		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM25778	EMERSON AL	W 12TH ST	SHUTE AL	8	124.04		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM38547	EMMA PL	BEEKMAN ST	TERM W OF BEEKMAN ST	21	380.99	AC	474	83	SATISFACTORY	Y	
HAM20057	EMMING ST	CLIFTON AV	WHEELER ST	29	204.26	AC	650	91	GOOD	Y	
HAM19892	EMMING ST	STRATFORD AV	VICTOR ST	24	116.83	AC	490	94	GOOD	Y	
HAM20076	EMMING ST	TERM W OF VICTOR ST	CITY VIEW PL	3	171.74		-1	-1		N	BOOTS ON THE GROUND / STAIRCASE
HAM20077	EMMING ST	VICTOR ST	TERM W OF VICTOR ST	23	208.04	AC	650	95	GOOD	Y	
HAM19905	EMMING ST	WHEELER ST	STRATFORD AV	29	676.03	AC	287	93	GOOD	Y	
HAM38921	EMPRESS AV	LAWLER ST	TERM NE OF LAWLER ST	12	571.27	AC	650	76	SATISFACTORY	Y	
HAM09852	EMPRESS AV	WIDMAN PL	TERM NE OF WIDMAN PL	12	817.60	AC	650	89	GOOD	Y	
HAM39717	ENCLAVE LN	TERM W OF RHODE ISLAND AV	RHODE ISLAND AV	20	297.72	AC	591	95	GOOD	Y	
HAM08109	ENGEL AL	QUEEN CITY AV	WICKHAM PL	34	171.38	BR	650	-1		Y	
HAM32226	ENON AL	GOETZ AL	COGSWELL AL	10	197.50		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM01931	ENRIGHT AV	PRICE AV	WIEMAN AV	32	342.20	AC	487	73	SATISFACTORY	Y	
HAM36761	ENRIGHT AV	TERM S OF WILDEY LN	WILDEY LN	23	1537.33	AC	380	40	VERY POOR	Y	
HAM01936	ENRIGHT AV	VAN VEY ST	ST LAWRENCE AV	30	556.43	AC	522	66	FAIR	Y	
HAM02226	ENRIGHT AV	W 8TH ST	PRICE AV	30	556.22	AC	650	79	SATISFACTORY	Y	
HAM02224	ENRIGHT AV	WIEMAN AV	VAN VEY ST	31	197.85	AC	581	68	FAIR	Y	
HAM02228	ENRIGHT AV	WILDEY LN	W 8TH ST	24	1507.85	AC	467	43	POOR	Y	
HAM25547	ENSLIN ST	TAFEL ST	DE VOTIE AV	25	472.93	AC	650	72	SATISFACTORY	Y	
HAM26466	ENYART AV	34TH AV	VERNE AV	41	327.95		-1	-1		N	BLOCKED BY GATE
HAM21324	ENYART AV	APPLETON ST	WYE AL	24	157.22	AC	440	89	GOOD	Y	
HAM39496	ENYART AV	BRAZEE ST	TERM E OF BRAZEE ST	24	347.37	AC	367	85	SATISFACTORY	Y	
HAM21323	ENYART AV	BROWNWAY AV	APPLETON ST	27	311.84	AC	300	84	SATISFACTORY	Y	
HAM26479	ENYART AV	VERNE AV	BROWNWAY AV	25	295.14	AC	247	80	SATISFACTORY	Y	
HAM12254	ENYART AV	WYE AL	BRAZEE ST	24	230.98	AC	212	83	SATISFACTORY	Y	
HAM34121	EPPERT WALK	CAMPUS LN	PLYMOUTH AV	11	357.52	AC	650	23	SERIOUS	Y	
HAM34443	EPWORTH AV	DAYTONA AV	HOPE LN	32	430.07	AC	218	50	POOR	Y	
HAM15343	EPWORTH AV	FELTZ AV	HULL AV	30	286.21	AC	205	53	POOR	Y	
HAM15380	EPWORTH AV	HARRISON AV	MONTCLAIR AV	30	457.98	AC	584	47	POOR	Y	
HAM15371	EPWORTH AV	HOPE LN	MONTANA AV	31	319.26	AC	539	41	POOR	Y	
HAM15346	EPWORTH AV	HULL AV	WARDALL AV	30	464.92	AC	277	75	SATISFACTORY	Y	
HAM15369	EPWORTH AV	JENNIFER CT	JUNIETTA AV	30	196.08	AC	226	40	VERY POOR	Y	
HAM41230	EPWORTH AV	JUNIETTA AV	HARRISON AV	30	259.17	AC	526	60	FAIR	Y	
HAM15410	EPWORTH AV	LISCHER AV	DAYTONA AV	31	621.68	AC	407	60	FAIR	Y	
HAM15370	EPWORTH AV	MONTANA AV	JENNIFER CT	30	170.91	AC	650	44	POOR	Y	
HAM15339	EPWORTH AV	MONTCLAIR AV	TEMPLE AV	30	370.48	AC	201	56	FAIR	Y	
HAM15411	EPWORTH AV	RAMONA AV	LISCHER AV	31	656.23	AC	325	48	POOR	Y	
HAM15340	EPWORTH AV	TEMPLE AV	VERDIN AV	30	278.10	AC	210	82	SATISFACTORY	Y	
HAM15341	EPWORTH AV	TEMPLE AV	TEMPLE AV	30	155.81	AC	226	71	SATISFACTORY	Y	
HAM15334	EPWORTH AV	VERDIN AV	FELTZ AV	30	231.47	AC	179	85	SATISFACTORY	Y	
HAM15392	EPWORTH AV	WERK RD	RAMONA AV	31	898.44	AC	388	41	POOR	Y	
HAM02856	EPWORTH CT	IRVELLA PL	SANDRA PL	25	298.81	AC	438	70	FAIR	Y	
HAM02855	EPWORTH CT	SANDRA PL	WESTBROOK DR	25	324.83	AC	333	93	GOOD	Y	
HAM37673	EPWORTH CT	TERM S OF IRVELLA PL	IRVELLA PL	23	181.37	AC	650	89	GOOD	Y	
HAM09292	ERIE AV	AMBERSON AV	PINEHURST AV	56	190.39	AC	247	79	SATISFACTORY	Y	
HAM08798	ERIE AV	ASHWORTH DR	HAMPTON LN	55	1013.97	AC	222	46	POOR	Y	
HAM09408	ERIE AV	AULT PARK AV	SAYBROOK AV	57	681.71	AC	172	57	FAIR	Y	
HAM09303	ERIE AV	BAYARD DR	DELTA AV	57	223.38	AC	650	38	VERY POOR	Y	
HAM06449	ERIE AV	BERRY AV	STETTINIUS AV	58	359.32	AC	113	80	SATISFACTORY	Y	
HAM06512	ERIE AV	BRAMBLE AV	MACEY AV	36	742.93	AC	376	64	FAIR	Y	
HAM09407	ERIE AV	BRENTWOOD AV	AULT PARK AV	56	269.09	AC	193	74	SATISFACTORY	Y	
HAM06713	ERIE AV	BROADVIEW DR	FOREST HILL DR	56	255.96	AC	207	40	VERY POOR	Y	
HAM06481	ERIE AV	BURCH AV	MOONEY AV	57	358.43	AC	311	78	SATISFACTORY	Y	
HAM13181	ERIE AV	CASTLE PL	STAFFORD ST	25	128.19	AC	355	34	VERY POOR	Y	
HAM09336	ERIE AV	CLARKWOOD PL	PAXTON AV	56	463.72	AC	149	73	SATISFACTORY	Y	
HAM09302	ERIE AV	DELTA AV	ST JOHNS PL	57	320.20	AC	293	37	VERY POOR	Y	
HAM06523	ERIE AV	DUNNING PL	ROE ST	35	279.93	AC	564	66	FAIR	Y	
HAM06477	ERIE AV	EDWARDS RD	MICHIGAN AV	22	478.18	AC	385	81	SATISFACTORY	Y	
HAM63111	ERIE AV	EDWARDS RD	MICHIGAN AV	22	475.96	AC	650	76	SATISFACTORY	Y	
HAM11263	ERIE AV	ERIE STATION LN	BRAMBLE AV	57	277.17	AC	536	95	GOOD	Y	
HAM06714	ERIE AV	FOREST HILL DR	ROSSLYN DR	56	700.71	AC	340	60	FAIR	Y	
HAM13177	ERIE AV	GLENSHADE AV	GLENSHADE AV	24	138.94	AC	375	37	VERY POOR	Y	
HAM13179	ERIE AV	GLENSHADE AV	WINONA TER	23	189.61	AC	376	36	VERY POOR	Y	
HAM09300	ERIE AV	GRACE AV	BAYARD DR	57	1264.94	AC	131	71	SATISFACTORY	Y	
HAM08805	ERIE AV	HAMPTON LN	BROADVIEW DR	56	1242.14	AC	180	48	POOR	Y	
HAM09291	ERIE AV	HERSCHEL AV	AMBERSON AV	56	350.80	AC	164	75	SATISFACTORY	Y	
HAM06526	ERIE AV	MACEY AV	WHITNEY AV	36	378.35	AC	238	54	POOR	Y	
HAM06448	ERIE AV	MADISON RD	BERRY AV	57	403.80	AC	600	79	SATISFACTORY	Y	
HAM09290	ERIE AV	MARBURG AV	HERSCHEL AV	56	513.70	AC	143	71	SATISFACTORY	Y	
HAM06862	ERIE AV	MATHIS ST	SIMPSON AV	21	401.40	AC	650	32	VERY POOR	Y	
HAM06478	ERIE AV	MICHIGAN AV	SHAW AV	57	451.69	AC	195	75	SATISFACTORY	Y	
HAM09335	ERIE AV	MONTEITH AV	CLARKWOOD PL	57	369.55	AC	210	44	POOR	Y	
HAM06482	ERIE AV	MOONEY AV	ZUMSTEIN AV	57	358.06	AC	483	82	SATISFACTORY	Y	
HAM11265	ERIE AV	MURRAY AV	ERIE STATION LN	57	463.56	AC	390	95	GOOD	Y	
HAM09297	ERIE AV	PAXTON AV	RAYMAR BLVD	58	280.09	AC	134	66	FAIR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM09393	ERIE AV	PINEHURST AV	BRENTWOOD AV	57	467.88	AC	170	68	FAIR	Y	
HAM09298	ERIE AV	RAYMAR BLVD	GRACE AV	57	298.67	AC	121	71	SATISFACTORY	Y	
HAM06499	ERIE AV	ROE ST	THOBURNE ST	36	558.23	AC	239	77	SATISFACTORY	Y	
HAM11285	ERIE AV	ROSSLYN DR	MURRAY AV	60	973.43	AC	436	79	SATISFACTORY	Y	
HAM40898	ERIE AV	SAYBROOK AV	ASHWORTH DR	56	438.00	AC	335	60	FAIR	Y	
HAM06691	ERIE AV	SHADY LN	MONTEITH AV	57	241.92	AC	197	68	FAIR	Y	
HAM06701	ERIE AV	SHAW AV	ST CHARLES PL	57	504.48	AC	353	61	FAIR	Y	
HAM13178	ERIE AV	SIMPSON AV	GLENSHADE AV	22	324.50	AC	307	36	VERY POOR	Y	
HAM06690	ERIE AV	ST CHARLES PL	SHADY LN	57	188.22	AC	164	55	POOR	Y	
HAM09325	ERIE AV	ST JOHNS PL	TARPIS AV	56	734.75	AC	223	36	VERY POOR	Y	
HAM13182	ERIE AV	STAFFORD ST	SETTLE ST	24	196.01	AC	650	40	VERY POOR	Y	
HAM06480	ERIE AV	STETTINIUS AV	BURCH AV	57	362.14	AC	121	75	SATISFACTORY	Y	
HAM09289	ERIE AV	TARPIS AV	MARBURG AV	56	416.11	AC	190	42	POOR	Y	
HAM09295	ERIE AV	TARPIS AV	VICTORIA AV	61	852.85	AC	213	36	VERY POOR	Y	
HAM06610	ERIE AV	THOBURNE ST	WHETSEL AV	44	206.60	AC	360	85	SATISFACTORY	Y	
HAM09288	ERIE AV	VICTORIA AV	TARPIS AV	56	123.67	AC	250	42	POOR	Y	
HAM06863	ERIE AV	WARD ST	MATHIS ST	21	346.89	AC	529	31	VERY POOR	Y	
HAM06586	ERIE AV	WHETSEL AV	WARD ST	30	358.40	AC	650	36	VERY POOR	Y	
HAM06530	ERIE AV	WHITNEY AV	DUNNING PL	36	684.85	AC	209	64	FAIR	Y	
HAM13180	ERIE AV	WINONA TER	CASTLE PL	23	202.13	AC	290	31	VERY POOR	Y	
HAM13188	ERIE AV	WINONA TER	WINONA TER	23	131.34	AC	267	35	VERY POOR	Y	
HAM06484	ERIE AV	ZUMSTEIN AV	EDWARDS RD	57	367.90	AC	306	29	VERY POOR	Y	
HAM37636	ERIE CT	TERM SW OF BROTHERTON CT	BROTHERTON CT	39	649.55	AC	446	40	VERY POOR	Y	
HAM34725	ERKENBRECHER AV	DURY AV	BURNET AV	41	1678.24	AC	232	85	SATISFACTORY	Y	
HAM16756	ERKENBRECHER AV	VINE ST	DURY AV	40	1003.72	AC	293	76	SATISFACTORY	Y	
HAM02954	ERLENE DR	QUEEN CITY AV	THOMASVILLE DR	36	1170.03	AC	537	53	POOR	Y	
HAM32356	ERLENE DR	THOMASVILLE DR	WENDEE DR	35	713.62	AC	266	52	POOR	Y	
HAM08588	ERNST ST	STATE AV	HIAWATHA AV	24	901.34	AC	526	65	FAIR	Y	
HAM39623	ESCALON ST	CORNELIA AV	TERM W OF CORNELIA AV	19	243.83	AC	650	27	VERY POOR	Y	
HAM29828	ESCALON ST	FAIRPARK AV	CORNELIA AV	20	1082.81	AC	463	40	VERY POOR	Y	
HAM01913	ESMONDE ST	GRAND AV	KEBLER AL	24	921.99	AC	538	38	VERY POOR	Y	
HAM01906	ESMONDE ST	KEBLER AL	VAN HART ST	20	686.80	AC	374	26	VERY POOR	Y	
HAM27957	ESSEX PL	CROWN ST	MINNESOTA ST	35	107.87	AC	433	50	POOR	Y	ONE WAY
HAM27939	ESSEX PL	E MCMILLAN ST	MINK AL	35	192.26	AC	650	68	FAIR	Y	ONE WAY
HAM27991	ESSEX PL	MINK AL	CROWN ST	35	189.61	AC	587	43	POOR	Y	ONE WAY
HAM27968	ESSEX PL	MINNESOTA ST	WILLIAM H TAFT RD	36	158.18	AC	457	80	SATISFACTORY	Y	ONE WAY
HAM54346	ESSEX PL	TERM S OF JUNE ST	JUNE ST	37	120.38	AC	650	44	POOR	Y	
HAM07601	ESTE AV	CENTER HILL AV	W SEYMOUR AV	45	3645.71	AC	213	77	SATISFACTORY	Y	
HAM18109	ESTE AV	CHICKERING AV	KINGS RUN DR	46	1075.15	AC	288	65	FAIR	Y	
HAM18183	ESTE AV	EAST EPWORTH AV	ESTECREEK RD	44	2197.40	AC	132	71	SATISFACTORY	Y	
HAM11045	ESTE AV	ESTECREEK RD	CENTER HILL AV	42	3446.22	AC	129	73	SATISFACTORY	Y	
HAM18103	ESTE AV	KINGS RUN DR	EAST EPWORTH AV	59	227.10	AC	504	78	SATISFACTORY	Y	
HAM18131	ESTE AV	W MITCHELL AV	CHICKERING AV	44	1284.27	AC	239	72	SATISFACTORY	Y	
HAM35922	ESTECREEK RD	TERM N OF ESTE AV	ESTE AV	35	465.62	AC	650	82	SATISFACTORY	Y	
HAM20157	ESTELLE ST	AUDREY TER	AUBURN AV	17	405.26	AC	650	90	GOOD	Y	
HAM38367	ESTES PL	TERM S OF VAN ANTWERP CT	VAN ANTWERP CT	18	285.46	AC	534	95	GOOD	Y	
HAM27269	ETHAN AV	COLERAIN AV	SPRING GROVE AV	24	941.71	AC	578	73	SATISFACTORY	Y	
HAM08444	ETON PL	COLBY AL	DUNLAP ST	12	126.10	BR	650	-1		Y	
HAM08443	ETON PL	DUNLAP ST	CENTRAL PKWY	12	271.10	BR	650	-1		Y	
HAM08442	ETON PL	ELM ST	COLBY AL	12	136.13	BR	650	-1		Y	
HAM08418	ETON PL	PLEASANT ST	ELM ST	12	244.73	BR	650	-1		Y	
HAM08526	ETON PL	RACE ST	PLEASANT ST	12	228.62	BR	650	-1		Y	
HAM07988	EUCLEDEN AL	E CORRY ST	E CHARLTON ST	7	458.78	PCC	650	55	POOR	Y	
HAM07976	EUCLID AV	E CHARLTON ST	E DANIELS ST	37	461.16	AC	529	73	SATISFACTORY	Y	
HAM07970	EUCLID AV	E CORRY ST	E CHARLTON ST	36	461.66	AC	650	53	POOR	Y	
HAM34691	EUCLID AV	E DANIELS ST	E UNIVERSITY AV	35	459.30	AC	650	55	POOR	Y	
HAM05940	EUCLID AV	E ROCHELLE ST	E MARTIN LUTHER KING JR DR	38	470.72	AC	613	45	POOR	Y	
HAM16749	EUCLID AV	E SHIELDS ST	LOUIS AV	24	327.99	AC	401	84	SATISFACTORY	Y	
HAM08022	EUCLID AV	E UNIVERSITY AV	E ROCHELLE ST	37	459.60	AC	511	60	FAIR	Y	
HAM55226	EUCLID AV	LOUIS AV	TERM N OF LOUIS AV	15	170.98		-1	-1		N	BLOCKED BY CONSTRUCTION
HAM07916	EUCLID AV	WILLIAM H TAFT RD	E CORRY ST	45	538.43	AC	645	52	POOR	Y	
HAM02844	EUGENIE LN	LAFEUILLE AV	WERKASTLE LN	26	205.24	AC	650	39	VERY POOR	Y	
HAM02845	EUGENIE LN	WERKASTLE LN	WERK RD	25	1114.06	AC	650	67	FAIR	Y	
HAM39226	EUREKA TER	PARKER ST	TERM N OF PARKER ST	23	133.64	AC	650	92	GOOD	Y	
HAM39225	EUREKA TER	TERM S OF PARKER ST	PARKER ST	23	124.86	AC	650	91	GOOD	Y	
HAM08754	EVANS ST	GEST ST	HOPKINS ST	42	767.28	PCC	631	54	POOR	Y	
HAM55652	EVANS ST	POLICE ACADEMY DR	WHATLEY ST	37	111.18	AC	334	88	GOOD	Y	
HAM09883	EVANS ST	RIVER RD	AARON RAINES LN	30	1051.24	AC	452	66	FAIR	Y	
HAM08735	EVANS ST	SOUTH ST	GEST ST	37	467.48	AC	588	39	VERY POOR	Y	
HAM08737	EVANS ST	WHATLEY ST	SOUTH ST	36	384.70	AC	197	78	SATISFACTORY	Y	
HAM32058	EVANSTON AV	CLARION AV	DANA AV	30	576.45	AC	650	39	VERY POOR	Y	
HAM12299	EVANSTON AV	CRANE AV	DUCK CREEK RD	24	613.41	AC	650	57	FAIR	Y	
HAM12297	EVANSTON AV	DUCK CREEK RD	TERM N OF DUCK CREEK RD	29	218.57	AC	650	34	VERY POOR	Y	
HAM07790	EVANSTON AV	FAIRFAX AV	HINES AL	40	176.94	AC	368	95	GOOD	Y	
HAM07791	EVANSTON AV	HEWITT AV	CRANE AV	25	1256.85	AC	569	51	POOR	Y	
HAM07789	EVANSTON AV	HINES AL	KINNEY AV	40	185.58	AC	133	95	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM07788	EVANSTON AV	KINNEY AV	MALORY CT	30	186.47	AC	281	44	POOR	Y	
HAM07787	EVANSTON AV	MALORY CT	HEWITT AV	30	182.86	AC	650	48	POOR	Y	
HAM12312	EVANSTON AV	TERM S OF CLARION AV	CLARION AV	28	378.63	AC	545	71	SATISFACTORY	Y	
HAM12298	EVANSTON AV			3	269.39		-1	-1		N	BOOTS ON THE GROUND / STAIRCASE
HAM05520	EVANSWOOD PL	CORNELL PL	EVANSWOOD PL	30	938.11	AC	225	85	SATISFACTORY	Y	
HAM39529	EVANSWOOD PL	EVANSWOOD PL	TERM NW OF EVANSWOOD PL SPLIT	26	313.32	AC	650	47	POOR	Y	
HAM05432	EVANSWOOD PL	MIDDLETON AV	WHITFIELD AV	24	299.05	AC	642	60	FAIR	Y	
HAM05473	EVANSWOOD PL	WHITFIELD AV	CORNELL PL	24	361.83	AC	494	87	GOOD	Y	
HAM08397	EVE AL	BAUMAN ST	LINN ST	9	351.22		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM39557	EVENING STAR LN	MORRISON AV	TERM W OF MORRISON AV	24	651.41	AC	650	84	SATISFACTORY	Y	
HAM15831	EVERETT AV	MOZART AV	MOTOR LN	30	133.97	AC	650	56	FAIR	Y	
HAM11807	EVERGLADE PL	TERM E OF HARRISON AV	HARRISON AV	19	822.84	AC	650	94	GOOD	Y	UNCOLLECTED PORTION PRIVATE DRIVEWAY
HAM15843	EVERGREEN AV	CRAIG CT	CHEVIOT AV	30	462.84	AC	650	52	POOR	Y	
HAM11698	EVERS ST	HENKEL DR	BEECH AV	23	302.00	AC	453	94	GOOD	Y	
HAM11699	EVERS ST	QUEBEC RD	HENKEL DR	24	260.42	AC	554	95	GOOD	Y	
HAM37325	EVERSON AV	TERM W OF MARBURG AV	MARBURG AV	24	535.30	AC	650	82	SATISFACTORY	Y	
HAM08980	EZZARD CHARLES DR	CENTRAL AV	JOHN ST	56	466.18	AC	145	95	GOOD	Y	
HAM19117	EZZARD CHARLES DR	CENTRAL PKWY	CENTRAL AV	31	458.30	AC	650	96	GOOD	Y	
HAM53074	EZZARD CHARLES DR	CENTRAL PKWY	CENTRAL AV	32	456.49	AC	237	96	GOOD	Y	
HAM31909	EZZARD CHARLES DR	CUTTER ST	LAUREL PARK DR	53	390.77	AC	104	95	GOOD	Y	
HAM30634	EZZARD CHARLES DR	JOHN ST	LAUREL PARK DR	54	426.72	AC	463	95	GOOD	Y	
HAM30633	EZZARD CHARLES DR	LAUREL PARK DR	LINN ST	55	299.38	AC	171	94	GOOD	Y	
HAM31906	EZZARD CHARLES DR	LAUREL PARK DR	CUTTER ST	53	173.28	AC	149	95	GOOD	Y	
HAM27503	EZZARD CHARLES DR	LINN ST	WINCHELL AV	55	923.62	AC	422	94	GOOD	Y	
HAM27519	EZZARD CHARLES DR	WINCHELL AV	WESTERN AV TO I-75 SB EXWY RAMP	37	414.78	PCC	594	100	GOOD	Y	
HAM27520	EZZARD CHARLES DR	WINCHELL AV	WESTERN AV TO I-75 SB EXWY RAMP	37	399.34	PCC	646	94	GOOD	Y	
HAM02973	FABER AV	DAUTEL AV	KLINE AV	21	412.28	AC	431	44	POOR	Y	
HAM02985	FABER AV	HARRISON AV	DAUTEL AV	21	666.88	AC	535	38	VERY POOR	Y	
HAM59612	FACTORY COLONY LN	VANDERCAR WY	DISNEY ST	30	963.22	AC	353	90	GOOD	Y	
HAM01909	FAEHR ST	QUEBEC RD	TERM W OF QUEBEC RD	10	384.88	AC	650	92	GOOD	Y	UNCOLLECTED PORTION UNPAVED ROAD
HAM02525	FAIRBANKS AV	BASSETT RD	PRICE AV	30	2365.31	AC	289	38	VERY POOR	Y	
HAM16947	FAIRBANKS AV	DELHI AV	EDWIN AV	29	421.87	AC	650	38	VERY POOR	Y	
HAM16945	FAIRBANKS AV	EATONDALE DR	TERM N OF EATONDALE DR	53	202.15	AC	379	43	POOR	Y	
HAM12998	FAIRBANKS AV	EDWIN AV	BASSETT RD	30	2577.30	AC	233	41	POOR	Y	
HAM16944	FAIRBANKS AV	HALSEY AV	EATONDALE DR	45	1280.55	AC	414	41	POOR	Y	
HAM02527	FAIRBANKS AV	PRICE AV	WARSAW AV	24	1104.09	AC	439	46	POOR	Y	ONE WAY
HAM16929	FAIRBANKS AV	RIVER RD	SEDAM ST	40	421.08	AC	650	66	FAIR	Y	
HAM16932	FAIRBANKS AV	SEDAM ST	HALSEY AV	40	598.06	AC	331	42	POOR	Y	
HAM02019	FAIRBANKS AV	WARSAW AV	GLENWAY AV	27	1209.20	AC	578	43	POOR	Y	
HAM35464	FAIRCREST CT	TERM SW OF FAIRCREST DR	FAIRCREST DR	24	609.83	AC	503	90	GOOD	Y	
HAM00916	FAIRCREST DR	FAIRCREST CT	EDWOOD AV	24	260.44	AC	590	85	SATISFACTORY	Y	
HAM35465	FAIRCREST DR	TERM S OF FAIRCREST CT	FAIRCREST CT	24	398.20	AC	403	80	SATISFACTORY	Y	
HAM07761	FAIRFAX AV	BURKE AV	EVANSTON AV	36	631.64	AC	188	93	GOOD	Y	
HAM07729	FAIRFAX AV	EVANSTON AV	POGUE AV	36	514.29	AC	193	95	GOOD	Y	
HAM07773	FAIRFAX AV	FAIRFIELD AV	WOLD AV	36	1123.32	AC	443	94	GOOD	Y	
HAM21601	FAIRFAX AV	HACKBERRY ST	FAIRFIELD AV	36	544.06	AC	410	95	GOOD	Y	
HAM07760	FAIRFAX AV	WOLD AV	BURKE AV	36	680.92	AC	247	94	GOOD	Y	
HAM32079	FAIRFAX AV	WOODBURN AV	HACKBERRY ST	36	512.17	AC	373	95	GOOD	Y	
HAM32033	FAIRFIELD AV	DESALES LN	DEXTER AV	30	818.57	AC	538	61	FAIR	Y	
HAM07743	FAIRFIELD AV	DEXTER AV	FAIRFAX AV	30	665.60	AC	650	90	GOOD	Y	
HAM07716	FAIRFIELD AV	FAIRFAX AV	KINNEY AV	36	366.47	AC	564	27	VERY POOR	Y	
HAM26216	FAIRFIELD AV	HEWITT AV	HOLLOWAY AV	36	475.26	AC	650	49	POOR	Y	
HAM26215	FAIRFIELD AV	HOLLOWAY AV	HURON AV	36	134.52	AC	650	65	FAIR	Y	
HAM26218	FAIRFIELD AV	KINNEY AV	HEWITT AV	37	364.55	AC	650	36	VERY POOR	Y	
HAM05752	FAIRFIELD AV	MADISON RD	DESALES LN	30	612.89	AC	641	66	FAIR	Y	
HAM15099	FAIRHILL DR	FOX RD	VOGEL RD	23	954.60	AC	484	72	SATISFACTORY	Y	
HAM11876	FAIRHILL DR	FOXRUN CT	FOX RD	24	342.27	AC	436	79	SATISFACTORY	Y	
HAM01806	FAIRHILL DR	KIRBY AV	FOXRUN CT	23	643.84	AC	401	79	SATISFACTORY	Y	
HAM04875	FAIRHURST AV	CANTERBURY AV	LOSANTIVILLE AV	26	490.91	AC	317	78	SATISFACTORY	Y	
HAM04836	FAIRHURST AV	LOSANTIVILLE AV	CINC|COLUTP CORPLINE	23	406.33	AC	543	78	SATISFACTORY	Y	
HAM37954	FAIRHURST AV	TERM S OF CANTERBURY AV	CANTERBURY AV	24	527.83	AC	322	70	FAIR	Y	
HAM02545	FAIRMOUNT AV	BARTLETT ST	LUCKEY AV	36	320.38	AC	400	41	POOR	Y	
HAM09602	FAIRMOUNT AV	BEEKMAN ST	LIDDELL ST	30	246.86	AC	650	63	FAIR	Y	
HAM53487	FAIRMOUNT AV	BLAINE RD	SEEGAR AV	35	155.54	AC	585	42	POOR	Y	
HAM03118	FAIRMOUNT AV	HARRISON AV	WHITE ST	22	365.81	AC	650	80	SATISFACTORY	Y	
HAM34993	FAIRMOUNT AV	IROQUOIS ST	BLAINE RD	37	1189.95	AC	260	43	POOR	Y	
HAM03119	FAIRMOUNT AV	LUCKEY AV	THOMPSON AV	36	546.78	AC	389	33	VERY POOR	Y	
HAM03053	FAIRMOUNT AV	MANDERY AV	KNORR AV	11	276.54	AC	650	39	VERY POOR	Y	
HAM03115	FAIRMOUNT AV	SATURN ST	HARRISON AV	36	298.28	AC	445	50	POOR	Y	
HAM02543	FAIRMOUNT AV	SEEGAR AV	BARTLETT ST	36	331.79	AC	384	56	FAIR	Y	
HAM60475	FAIRMOUNT AV	TERM E OF MANDERY AV	MANDERY AV	8	34.81		-1	-1		N	DOES NOT EXIST
HAM03116	FAIRMOUNT AV	THOMPSON AV	SATURN ST	37	586.07	AC	389	63	FAIR	Y	
HAM07609	FAIRPARK AV	BLUE ROCK AL	W 70TH ST	30	176.35	AC	272	45	POOR	Y	
HAM29771	FAIRPARK AV	ESCALON ST	VINE ST	41	274.48	AC	650	92	GOOD	Y	
HAM07672	FAIRPARK AV	FLINT AL	W SEYMOUR AV	30	202.19	AC	650	36	VERY POOR	Y	
HAM07675	FAIRPARK AV	GRANITE AL	W 73RD ST	42	195.07	AC	187	36	VERY POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM07677	FAIRPARK AV	MARBLE AL	W 72ND ST	42	193.28	AC	196	38	VERY POOR	Y	
HAM19549	FAIRPARK AV	NANSEN ST	W 75TH ST	42	167.53	AC	91	92	GOOD	Y	
HAM07688	FAIRPARK AV	SANDSTONE AL	W NORTH BEND RD	41	193.77	AC	462	54	POOR	Y	
HAM07611	FAIRPARK AV	UNNAMED AL	W 69TH ST	31	172.88	AC	189	50	POOR	Y	
HAM11615	FAIRPARK AV	W 64TH ST	W 65TH ST	29	298.98	AC	650	36	VERY POOR	Y	
HAM11627	FAIRPARK AV	W 65TH ST	W 66TH ST	29	299.05	AC	650	50	POOR	Y	
HAM11625	FAIRPARK AV	W 66TH ST	W 68TH ST	35	898.10	AC	589	57	FAIR	Y	
HAM07613	FAIRPARK AV	W 68TH ST	UNNAMED AL	30	174.32	AC	313	50	POOR	Y	
HAM07610	FAIRPARK AV	W 69TH ST	BLUE ROCK AL	30	178.71	AC	276	49	POOR	Y	
HAM07673	FAIRPARK AV	W 70TH ST	FLINT AL	30	458.33	AC	332	30	VERY POOR	Y	
HAM07676	FAIRPARK AV	W 72ND ST	GRANITE AL	41	191.55	AC	157	39	VERY POOR	Y	
HAM07674	FAIRPARK AV	W 73RD ST	SANDSTONE AL	42	191.73	AC	180	39	VERY POOR	Y	
HAM29766	FAIRPARK AV	W 75TH ST	ESCALON ST	41	313.21	AC	83	91	GOOD	Y	
HAM00037	FAIRPARK AV	W NORTH BEND RD	W NORTH BEND RD	41	184.66	AC	650	89	GOOD	Y	
HAM19550	FAIRPARK AV	W NORTH BEND RD	NANSEN ST	42	408.26	AC	100	92	GOOD	Y	
HAM07671	FAIRPARK AV	W SEYMOUR AV	MARBLE AL	42	191.41	AC	411	43	POOR	Y	
HAM20031	FAIRVIEW AV	ADA ST	SOUTHVIEW AV	40	237.69	AC	162	62	FAIR	Y	
HAM19839	FAIRVIEW AV	CLYBOURN PL	SOUTHVIEW AV	41	318.52	AC	143	42	POOR	Y	
HAM25620	FAIRVIEW AV	FAIRVIEW PL	LLOYD PL	39	189.69	AC	267	62	FAIR	Y	
HAM25619	FAIRVIEW AV	LLOYD PL	WARNER ST	40	252.67	AC	276	72	SATISFACTORY	Y	
HAM21369	FAIRVIEW AV	OLD MCMILLAN ST	VESTRY AV	39	290.66	AC	650	74	SATISFACTORY	Y	
HAM19818	FAIRVIEW AV	SOUTHVIEW AV	CLYBOURN PL	40	175.30	AC	458	48	POOR	Y	
HAM31785	FAIRVIEW AV	SOUTHVIEW AV	OLD MCMILLAN ST	40	429.92	AC	550	57	FAIR	Y	
HAM31310	FAIRVIEW AV	VESTRY AV	UNIVERSITY CT	40	229.65	AC	317	52	POOR	Y	
HAM25632	FAIRVIEW AV	WARNER ST	ADA ST	40	443.83	AC	127	73	SATISFACTORY	Y	
HAM25639	FAIRVIEW PARK DR	RAVINE ST	WARNER ST	20	2263.75	AC	650	75	SATISFACTORY	Y	ONE WAY
HAM39253	FAIRVIEW PL	TERM E OF FAIRVIEW AV	FAIRVIEW AV	21	378.53	AC	415	69	FAIR	Y	
HAM12086	FAIRWAY DR	MONTGOMERY RD	LANGDON FARM RD	24	1098.54	AC	632	86	GOOD	Y	ONE WAY
HAM41228	FAITH ST	DESTINY CT	TERM SE OF DESTINY CT	25	668.32	AC	451	91	GOOD	Y	
HAM58432	FAITH ST	RHODE ISLAND AV	STARGRASS LN	30	159.12	AC	392	82	SATISFACTORY	Y	
HAM58433	FAITH ST	STARGRASS LN	DESTINY CT	30	146.68	AC	304	88	GOOD	Y	
HAM08411	FALL AL	WADE ST	KEMP AL	9	123.20		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM54486	FAR HILLS DR	FAR HILLS DR	MICHIGAN AV	19	614.79	AC	355	81	SATISFACTORY	Y	
HAM54485	FAR HILLS DR	MICHIGAN AV	FAR HILLS DR	18	459.37	AC	483	67	FAIR	Y	
HAM29943	FARADAY RD	CASS AV	PRESIDENT DR	21	2464.74	AC	505	44	POOR	Y	
HAM27352	FARGO AL	SOUTH TERM	RUSH ST	13	225.11	AC	650	94	GOOD	Y	UNCOLLECTED PORTION BLOCKED BY OVERGROWTH
HAM07913	FARRAN AL	BURBANK ST	MORGAN ST	13	275.02	BR	650	-1		Y	
HAM07904	FARRAN AL	MORGAN ST	WAYNE ST	13	274.57	BR	650	-1		Y	
HAM36600	FARRELL DR	MONTANA AV	TERM N OF MONTANA AV	24	619.55	AC	463	77	SATISFACTORY	Y	
HAM09216	FAWN AL	CROCUS LN	LINWOOD AV	6	190.65		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM09215	FAWN AL	KINMONT AV	CROCUS LN	5	110.45		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM37694	FAWNHILL LN	1ST AV	TERM W OF 1ST AV	23	301.59	AC	514	86	GOOD	Y	
HAM37693	FAWNHILL LN	TERM E OF 1ST AV	1ST AV	24	346.03	AC	345	87	GOOD	Y	
HAM03554	FEDERAL DR	GLENWAY AV	PRIVATE DRIVEWAY	36	138.10	AC	650	61	FAIR	Y	
HAM03555	FEDERAL DR	PRIVATE DRIVEWAY	JADARO CT	35	181.11	AC	650	40	VERY POOR	Y	
HAM11419	FEEMSTER ST	STITES AV	MCCULLOUGH ST	15	726.99	AC	650	36	VERY POOR	Y	ONE WAY
HAM03483	FEHR RD	CINC|DELHTP CORPLINE	LEATH AV	17	410.29	AC	348	90	GOOD	Y	
HAM03490	FEHR RD	LEATH AV	TRENTON AV	17	526.79	AC	650	83	SATISFACTORY	Y	
HAM03466	FEHR RD	S DELRIDGE DR	CINC|DELHTP CORPLINE	25	173.82	AC	394	78	SATISFACTORY	Y	
HAM03465	FEHR RD	TRENTON AV	VIRGIL RD	20	319.60	AC	389	51	POOR	Y	
HAM03460	FEHR RD	VIRGIL RD	S DELRIDGE DR	21	323.14	AC	609	78	SATISFACTORY	Y	
HAM03015	FELICITY DR	FELICITY PL	MONTANA AV	21	955.78	AC	650	48	POOR	Y	
HAM03020	FELICITY PL	FELICITY DR	MEYER PL	20	476.09	AC	582	54	POOR	Y	
HAM37808	FELICITY PL	TERM E OF FELICITY DR	FELICITY DR	20	184.88	AC	615	50	POOR	Y	
HAM37967	FELIX ST	BAURICHTER ST	TERM SW OF BAURICHTER ST	10	205.60	AC	650	95	GOOD	Y	
HAM15860	FELTZ AV	EPWORTH AV	BOUDINOT AV	30	1020.76	AC	469	66	FAIR	Y	
HAM39505	FELTZ AV	TERM E OF EPWORTH AV	EPWORTH AV	20	1186.66	AC	438	47	POOR	Y	
HAM17571	FENIMORE ST	RIVER RD	ALLENHAM ST	9	230.02	AC	650	75	SATISFACTORY	Y	
HAM12276	FENMORE DR	COAD DR	OBERLIN BLVD	26	645.05	AC	560	73	SATISFACTORY	Y	
HAM02800	FENTON AV	WOLFF ST	HARRISON AV	24	953.48	AC	649	73	SATISFACTORY	Y	
HAM08501	FENWICK AL	HENRY ST	W MCMICKEN AV	8	262.53		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM39191	FERDINAND PL	PAXTON AV	TERM N OF PAXTON AV	25	859.43	AC	484	54	POOR	Y	
HAM11789	FERGUS ST	APJONES ST	PULLAN AV	27	348.21	AC	650	37	VERY POOR	Y	
HAM11783	FERGUS ST	CHASE AV	COATES AL	26	141.29	AC	619	42	POOR	Y	
HAM11782	FERGUS ST	COATES AL	APJONES ST	27	521.84	AC	516	47	POOR	Y	
HAM11787	FERGUS ST	KNOWLTON ST	MEDILL AL	30	158.22	AC	650	61	FAIR	Y	
HAM11785	FERGUS ST	LINGO ST	POPE AL	30	163.26	AC	650	73	SATISFACTORY	Y	
HAM11786	FERGUS ST	MEDILL AL	LINGO ST	31	155.79	AC	629	60	FAIR	Y	
HAM11784	FERGUS ST	POPE AL	CHASE AV	30	164.91	AC	502	72	SATISFACTORY	Y	
HAM07267	FERGUS ST	PULLAN AV	WEIPUL AL	29	165.59	AC	650	93	GOOD	Y	
HAM01764	FERGUS ST	WEIPUL AL	WEIGOLD AV	21	171.65	AC	636	100	GOOD	Y	
HAM03670	FERGUSON PL	FERGUSON RD	GLENWAY AV	34	891.13	AC	631	35	VERY POOR	Y	
HAM01837	FERGUSON RD	FERGUSON PL	SHIRLEY PL	36	237.37	AC	556	72	SATISFACTORY	Y	
HAM02834	FERGUSON RD	FOUR TOWERS DR	QUEEN CITY AV	36	467.47	AC	506	41	POOR	Y	
HAM30626	FERGUSON RD	GLENHILLS WY	HEGRY CIR	37	827.86	AC	371	31	VERY POOR	Y	
HAM01841	FERGUSON RD	GLENWAY AV	PROSPERITY PL	71	347.58	AC	650	82	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM03036	FERGUSON RD	HEGRY CIR	VEAZEY AV	37	476.65	AC	190	62	FAIR	Y	
HAM01838	FERGUSON RD	PROSPERITY PL	FERGUSON PL	45	875.07	AC	323	79	SATISFACTORY	Y	
HAM02858	FERGUSON RD	QUEEN CITY AV	WESTBROOK DR	33	1282.15	AC	367	77	SATISFACTORY	Y	
HAM30625	FERGUSON RD	SHIRLEY PL	GLENHILLS WY	36	606.98	AC	511	40	VERY POOR	Y	
HAM02838	FERGUSON RD	VEAZEY AV	WEST TOWER AV	38	300.00	AC	318	43	POOR	Y	
HAM02835	FERGUSON RD	WEST TOWER AV	FOUR TOWERS DR	37	506.47	AC	219	69	FAIR	Y	
HAM02850	FERGUSON RD	WESTBROOK DR	WERK RD	32	594.52	AC	650	80	SATISFACTORY	Y	
HAM11065	FERNBANK AV	CATALPA RD	OVERCLIFF RD	47	980.76	AC	377	26	VERY POOR	Y	
HAM11110	FERNBANK AV	DAHLIA AV	UNNAMED PRIVATE RD	18	398.63	AC	383	31	VERY POOR	Y	
HAM11071	FERNBANK AV	NEW ST	CATALPA RD	17	344.82	AC	375	30	VERY POOR	Y	
HAM11108	FERNBANK AV	UNNAMED PRIVATE RD	WILKINS SHORT RD	18	405.34	AC	462	30	VERY POOR	Y	
HAM11072	FERNBANK AV	WILKINS SHORT RD	NEW ST	17	336.89	AC	411	24	SERIOUS	Y	
HAM37809	FERNCREST CT	GOBEL AV	TERM NW OF GOBEL AV	25	385.06	AC	650	31	VERY POOR	Y	
HAM00067	FERNCROFT DR	MEYERHILL DR	WESTWOOD NORTHERN BLVD	26	325.88	AC	650	92	GOOD	Y	
HAM00074	FERNCROFT DR	MILLENNIUM PL	MONTANA AV	24	1160.57	AC	484	35	VERY POOR	Y	
HAM37801	FERNCROFT DR	TERM S OF MEYERHILL DR	MEYERHILL DR	24	277.23	AC	615	93	GOOD	Y	
HAM00073	FERNCROFT DR	WESTWOOD NORTHERN BLVD	MILLENNIUM PL	24	196.25	AC	650	41	POOR	Y	
HAM07835	FERNDALE AV	VINE ST	BURNS AV	26	1321.54	AC	398	51	POOR	Y	
HAM16921	FERNLAND AV	TERM SE OF HALSEY AV	HALSEY AV	20	280.55		-1	-1		N	UNPAVED ROAD
HAM26356	FERNSIDE PL	BLAIR AV	JONATHAN AV	31	1016.26	AC	355	80	SATISFACTORY	Y	
HAM12012	FERNVIEW AV	BRIARCLIFFE AV	LANGDON FARM RD	24	353.85	AC	558	55	POOR	Y	
HAM12078	FERNVIEW AV	FERNVIEW CT	RIDGECLIFFE AV	24	280.36	AC	650	89	GOOD	Y	
HAM12079	FERNVIEW AV	RIDGECLIFFE AV	BRIARCLIFFE AV	24	350.71	AC	540	51	POOR	Y	
HAM12081	FERNVIEW AV	SERVICE RD	FERNVIEW CT	24	404.35	AC	285	83	SATISFACTORY	Y	
HAM37277	FERNVIEW CT	FERNVIEW AV	TERM E OF FERNVIEW AV	24	295.79	AC	650	88	GOOD	Y	
HAM21537	FERNWOOD ST	HACKBERRY ST	CLEINVIEW AV	20	304.19	AC	650	84	SATISFACTORY	Y	
HAM38502	FERRARS CT	VINE ST	TERM NW OF VINE ST	12	343.50	AC	650	86	GOOD	Y	
HAM37070	FIELDAY AL	TERM SW OF W 68TH ST	W 68TH ST	10	229.12	AC	650	93	GOOD	Y	
HAM15509	FIELDCREST DR	LAKEVIEW AV	PARKCREST LN	24	1047.84	AC	430	77	SATISFACTORY	Y	
HAM11255	FIELDING ST	BROTHERTON RD	CARDIFF AV	30	322.62	AC	650	42	POOR	Y	
HAM39645	FILSON PL	TERM SW OF CELESTIAL ST	CELESTIAL ST	22	181.96	AC	650	83	SATISFACTORY	Y	
HAM05610	FINCH AL	GILBERT AV	LONDON AL	6	211.44		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM05606	FINCH AL	LONDON AL	SEDALIA AL	16	45.82		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM05627	FINCH AL	SEDALIA AL	LINDSAY AL	7	229.04		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM39078	FINDLATER CT	RAINBOW LN	TERM N OF RAINBOW LN	25	291.51	AC	650	79	SATISFACTORY	Y	
HAM38533	FINDLAY CT	FREEMAN AV	TERM W OF FREEMAN AV	30	195.76	PCC	650	69	FAIR	Y	
HAM08373	FINDLAY ST	BAUMAN ST	KEYWITT AL	32	187.69	AC	293	39	VERY POOR	Y	
HAM27461	FINDLAY ST	BAYMILLER ST	PINK AL	31	486.92	AC	480	40	VERY POOR	Y	
HAM08370	FINDLAY ST	CAMPBELL ST	LOGAN ST	30	110.28	AC	650	64	FAIR	Y	
HAM10763	FINDLAY ST	CENTRAL AV	KUHFERS AL	32	136.16	AC	650	58	FAIR	Y	
HAM10760	FINDLAY ST	CENTRAL PKWY	PROVIDENCE ST	30	213.74	AC	650	48	POOR	Y	
HAM38531	FINDLAY ST	DALTON AV	TERM W OF DALTON AV	30	509.96	AC	650	89	GOOD	Y	
HAM08507	FINDLAY ST	E MCMICKEN AV	REPUBLIC ST	30	178.05	AC	483	69	FAIR	Y	ONE WAY
HAM08369	FINDLAY ST	ELM ST	CAMPBELL ST	30	153.20	AC	650	83	SATISFACTORY	Y	
HAM27466	FINDLAY ST	FINDLAY CT	WINCHELL AV	43	344.99	AC	650	76	SATISFACTORY	Y	
HAM08518	FINDLAY ST	GOOSE AL	RACE ST	30	156.66	AC	549	86	GOOD	Y	ONE WAY
HAM08375	FINDLAY ST	JOHN ST	SNYDER AL	31	119.99	AC	390	52	POOR	Y	
HAM08372	FINDLAY ST	KEYWITT AL	LINN ST	32	162.10	AC	650	56	FAIR	Y	
HAM08376	FINDLAY ST	KUHFERS AL	KUHFERS AL	32	62.42	AC	330	60	FAIR	Y	
HAM08399	FINDLAY ST	KUHFERS AL	JOHN ST	32	282.25	AC	330	38	VERY POOR	Y	
HAM08281	FINDLAY ST	LINN ST	WERNER ST	31	299.02	AC	650	79	SATISFACTORY	Y	
HAM10765	FINDLAY ST	LOGAN ST	CENTRAL PKWY	30	191.43	AC	650	71	SATISFACTORY	Y	
HAM27453	FINDLAY ST	PINK AL	FINDLAY CT	41	139.06	AC	650	56	FAIR	Y	
HAM08368	FINDLAY ST	PLEASANT ST	ELM ST	30	238.63	AC	650	88	GOOD	Y	
HAM10761	FINDLAY ST	PROVIDENCE ST	TIERNAN AL	30	79.36	AC	650	38	VERY POOR	Y	
HAM08509	FINDLAY ST	RACE ST	PLEASANT ST	30	229.47	AC	540	81	SATISFACTORY	Y	
HAM54163	FINDLAY ST	REPUBLIC ST	GOOSE AL	30	144.11	AC	330	69	FAIR	Y	ONE WAY
HAM08374	FINDLAY ST	SNYDER AL	BAUMAN ST	31	170.01	AC	178	55	POOR	Y	
HAM10762	FINDLAY ST	TIERNAN AL	CENTRAL AV	29	123.85	AC	650	45	POOR	Y	
HAM08183	FINDLAY ST	WERNER ST	BAYMILLER ST	32	291.65	AC	476	59	FAIR	Y	
HAM27459	FINDLAY ST	WESTERN AV	DALTON AV	55	499.20	AC	650	51	POOR	Y	
HAM32157	FINDLAY ST	WINCHELL AV	WESTERN AV	43	339.28	AC	597	82	SATISFACTORY	Y	
HAM37896	FIRTREE CT	ASHTREE DR	TERM NE OF ASHTREE DR	24	1171.80	AC	300	91	GOOD	Y	
HAM03019	FISCHER PL	MEYER PL	WUNDER AV	33	655.46	AC	356	61	FAIR	Y	
HAM15399	FISCHER PL	SHAFFER AV	HARRISON AV	37	481.21	AC	502	47	POOR	Y	
HAM15398	FISCHER PL	WUNDER AV	SHAFFER AV	36	357.13	AC	278	46	POOR	Y	
HAM37195	FISHWICK DR	TERM S OF TOWNE ST	TOWNE ST	48	682.13	AC	422	34	VERY POOR	Y	
HAM02220	FISK AV	ST LAWRENCE AV	WESTHAVEN AV	23	569.79	AC	362	53	POOR	Y	
HAM38996	FISK AV	TERM S OF ST LAWRENCE AV	ST LAWRENCE AV	22	118.15	AC	650	63	FAIR	Y	
HAM07911	FITCH AL	TERM W OF COPELEN ST	FLORENCE AV	11	334.41		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM37971	FITHIAN ST	BAURICHTER ST	TERM SW OF BAURICHTER ST	13	758.69	AC	650	75	SATISFACTORY	Y	UNCOLLECTED PORTION PEDESTRIAN PATHWAY
HAM08245	FITZPATRICK ST	TERM SW OF W LIBERTY ST	W LIBERTY ST	15	429.89	AC	650	20	SERIOUS	Y	
HAM37503	FLANIGAN CT	TERM E OF MONFORT HILLS AV	MONFORT HILLS AV	23	434.87	AC	586	80	SATISFACTORY	Y	
HAM18113	FLATT TER	CHICKERING AV	W MITCHELL AV	19	1148.61	AC	615	51	POOR	Y	
HAM02975	FLEETWOOD AV	CYCLORAMA DR	MORNINGRIDGE DR	24	326.99	AC	457	47	POOR	Y	
HAM02974	FLEETWOOD AV	MORNINGRIDGE DR	RAVOGLI AV	24	839.20	AC	297	31	VERY POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM03040	FLEETWOOD AV	MORNINGVIEW LN	LAFEUILLE AV	23	312.72	AC	373	38	VERY POOR	Y	
HAM38751	FLEETWOOD AV	TERM SE OF CYCLORAMA DR	CYCLORAMA DR	25	1343.03	AC	288	59	FAIR	Y	
HAM05653	FLEMING ST	ASHLAND AV	UPLAND PL	29	356.04	AC	650	35	VERY POOR	Y	
HAM05654	FLEMING ST	UPLAND PL	GRANDVIEW AV	29	661.34	AC	650	59	FAIR	Y	
HAM07655	FLINT AL	FAIRPARK AV	WILLOW AL	15	193.09	AC	650	50	POOR	Y	
HAM07607	FLINT AL	WILLOW AL	VAN KIRK AV	15	198.14	AC	650	81	SATISFACTORY	Y	
HAM38475	FLINT ST	DALTON AV	TERM W OF DALTON AV	38	283.98	AC	650	69	FAIR	Y	
HAM19841	FLORA ST	ADA ST	VOLKERT ST	30	212.83	AC	496	95	GOOD	Y	
HAM21370	FLORA ST	CASSATT ST	W MCMILLAN ST	31	219.45	AC	650	95	GOOD	Y	
HAM52567	FLORA ST	EMMING ST	TERM S OF FOX ST	3	139.01		-1	-1		N	BOOTS ON THE GROUND / PEDESTRIAN PATHWAY
HAM19889	FLORA ST	FOX ST	WARNER ST	31	394.55	AC	650	95	GOOD	Y	
HAM19908	FLORA ST	TERM S OF FOX ST	FOX ST	30	212.34	AC	650	95	GOOD	Y	
HAM19840	FLORA ST	VOLKERT ST	CASSATT ST	31	208.28	AC	431	95	GOOD	Y	
HAM19846	FLORA ST	WARNER ST	ADA ST	30	495.38	AC	650	95	GOOD	Y	
HAM37949	FLORAL AV	DANA AV	TERM N OF DANA AV	30	331.19	AC	650	37	VERY POOR	Y	
HAM27904	FLORENCE AV	BOONE ST	CONCORD ST	47	1215.47	AC	214	31	VERY POOR	Y	
HAM20212	FLORENCE AV	CONCORD ST	COPELEN ST	47	854.79	AC	210	41	POOR	Y	
HAM05562	FLORENCE AV	COPELEN ST	GILBERT AV	45	205.49	AC	404	49	POOR	Y	
HAM27918	FLORENCE AV	EDEN PARK DR	BOONE ST	47	1087.11	AC	317	56	FAIR	Y	
HAM07391	FLORIDA AV	CHASE AV	BRUCE AV	31	1021.71	AC	311	43	POOR	Y	
HAM07420	FLORIDA AV	COLERAIN AV	HANFIELD ST	30	331.23	AC	633	34	VERY POOR	Y	
HAM07343	FLORIDA AV	GORHAM AL	CHASE AV	29	141.74	AC	317	59	FAIR	Y	
HAM07350	FLORIDA AV	HANFIELD ST	LOOKER AL	29	147.39	AC	650	51	POOR	Y	
HAM07346	FLORIDA AV	LOOKER AL	GORHAM AL	30	162.42	AC	186	47	POOR	Y	
HAM38008	FLOWER AV	TERM E OF TRENTON AV	TRENTON AV	22	562.48	AC	482	47	POOR	Y	
HAM39072	FLOWERWOOD CT	RIPPLEWOOD LN	TERM N OF RIPPLEWOOD LN	25	241.36	AC	650	38	VERY POOR	Y	
HAM01967	FOLCHI DR	REDCEDAR DR	GROESBECK RD	23	1330.10	AC	321	95	GOOD	Y	
HAM54251	FOLEY RD	CINC|DELHTP CORPLINE	ROCKWELL RD	26	176.48	AC	126	92	GOOD	Y	
HAM03471	FOLEY RD	DELRIDGE DR	S DELRIDGE DR	27	145.30	AC	130	93	GOOD	Y	
HAM13536	FOLEY RD	GREENWELL AV	JUDY LN	28	344.14	AC	650	85	SATISFACTORY	Y	
HAM13535	FOLEY RD	JUDY LN	COVEDALE AV	32	329.60	AC	553	88	GOOD	Y	
HAM13537	FOLEY RD	ORCHARDVIEW LN	GREENWELL AV	26	1050.99	AC	130	92	GOOD	Y	
HAM13538	FOLEY RD	PEDRETTI AV	ORCHARDVIEW LN	27	888.13	AC	490	87	GOOD	Y	
HAM03469	FOLEY RD	RENTZ PL	PEDRETTI AV	27	628.30	AC	289	91	GOOD	Y	
HAM03496	FOLEY RD	ROCKWELL RD	VIRGIL RD	27	355.19	AC	123	91	GOOD	Y	
HAM03470	FOLEY RD	S DELRIDGE DR	RENTZ PL	27	347.93	AC	135	93	GOOD	Y	
HAM30344	FOLEY RD	TRENTON AV	CINC|DELHTP CORPLINE	26	591.51	AC	246	92	GOOD	Y	
HAM03468	FOLEY RD	VIRGIL RD	DELRIDGE DR	26	203.67	AC	139	93	GOOD	Y	
HAM02392	FOLSOM AV	BEECH AV	MANSS AV	17	260.55	AC	650	75	SATISFACTORY	Y	
HAM39594	FORAKER AV	ALMS PL	TERM E OF ALMS PL	30	431.56	AC	650	100	GOOD	Y	
HAM21582	FORAKER AV	GILBERT AV	MONFORT ST	30	300.61	AC	650	95	GOOD	Y	
HAM21583	FORAKER AV	MONFORT ST	PARK AV	29	384.27	AC	343	95	GOOD	Y	
HAM39595	FORAKER AV	TERM W OF ALMS PL	ALMS PL	30	201.63	AC	650	100	GOOD	Y	
HAM37973	FORAN DR	ROBINET DR	TERM NE OF ROBINET DR	23	518.75	AC	608	50	POOR	Y	
HAM35933	FORBES RD	TERM SE OF THORNTON AV	THORNTON AV	21	643.71	AC	231	74	SATISFACTORY	Y	
HAM11083	FORBES RD	THORNTON AV	TERM NW OF THORNTON AV	17	833.08	AC	270	94	GOOD	Y	
HAM02911	FORBUS ST	ADDIE AL	THINNES ST	20	205.26	AC	650	56	FAIR	Y	
HAM02196	FORBUS ST	MARGARET ST	ADDIE AL	18	109.88	AC	650	22	SERIOUS	Y	
HAM02203	FORBUS ST	VAN HART ST	MARGARET ST	17	597.90	AC	650	23	SERIOUS	Y	
HAM05977	FOREST AV	ALASKA AV	HARVEY AV	36	424.14	AC	459	87	GOOD	Y	
HAM05976	FOREST AV	BURNET AV	ALASKA AV	36	200.38	AC	349	92	GOOD	Y	
HAM05973	FOREST AV	DICK ST	DURY AV	34	250.35	AC	180	100	GOOD	Y	
HAM05979	FOREST AV	DURY AV	EDEN AV	36	464.18	AC	327	78	SATISFACTORY	Y	
HAM05974	FOREST AV	EDEN AV	WILSON AV	36	290.93	AC	232	87	GOOD	Y	
HAM05704	FOREST AV	HARVEY AV	WASHINGTON AV	37	707.19	AC	430	92	GOOD	Y	
HAM20536	FOREST AV	IRVING ST	PURDUE ST	33	433.49	AC	138	100	GOOD	Y	
HAM20550	FOREST AV	LOSSING ST	TACOMA AV	33	271.78	AC	141	100	GOOD	Y	
HAM05972	FOREST AV	PURDUE ST	DICK ST	34	249.31	AC	120	100	GOOD	Y	
HAM20540	FOREST AV	RANDOLPH ST	LOSSING ST	33	248.25	AC	112	100	GOOD	Y	
HAM20551	FOREST AV	TACOMA AV	IRVING ST	35	415.52	AC	120	100	GOOD	Y	
HAM26211	FOREST AV	VAN ANTWERP PL	READING RD	49	1051.58	AC	180	83	SATISFACTORY	Y	
HAM20538	FOREST AV	VINE ST	RANDOLPH ST	34	306.02	AC	650	100	GOOD	Y	
HAM05978	FOREST AV	WASHINGTON AV	VAN ANTWERP PL	37	353.31	AC	177	93	GOOD	Y	
HAM05975	FOREST AV	WILSON AV	BURNET AV	36	835.32	AC	212	89	GOOD	Y	
HAM06032	FOREST PARK DR	FOREST PARK DR	ALASKA AV	20	341.50	AC	650	75	SATISFACTORY	Y	
HAM38373	FOREST PARK DR	FOREST PARK DR	TERM N OF FOREST PARK DR SPLIT	20	311.05	AC	650	83	SATISFACTORY	Y	
HAM38374	FOREST PARK DR	TERM SW OF FOREST PARK DR SPLIT	FOREST PARK DR	39	390.10	AC	650	58	FAIR	Y	
HAM39097	FORESTOAK CT	TRASKWOOD CIR	TERM S OF TRASKWOOD CIR	33	462.53	AC	380	68	FAIR	Y	
HAM11227	FORT VIEW ALLEY STEPS	HILL ST	FORT VIEW PL	4	239.61		-1	-1		N	BOOTS ON THE GROUND / PEDESTRIAN PATHWAY
HAM08644	FORT VIEW PL	TERM S OF HATCH ST	HATCH ST	24	293.10	BR	650	-1		Y	
HAM39247	FORTUNE AV	UNIVERSITY CT	TERM W OF UNIVERSITY CT	29	353.56	AC	650	39	VERY POOR	Y	
HAM08021	FOSDICK ST	BELLEVUE AV	HIGHLAND AV	36	410.92	AC	650	42	POOR	Y	
HAM08020	FOSDICK ST	EDEN AV	GERARD ST	37	236.77	AC	650	43	POOR	Y	
HAM08019	FOSDICK ST	GERARD ST	BELLEVUE AV	37	230.98	AC	650	44	POOR	Y	
HAM25495	FOULKE ST	MARSHALL AV	TAYLOR AV	21	250.17	AC	650	43	POOR	Y	
HAM37674	FOUR TOWERS DR	TERM E OF FERGUSON RD	FERGUSON RD	36	956.11	AC	650	34	VERY POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM26131	FOWLER ST	MANITOU ST	MONROE ST	18	264.39	AC	650	87	GOOD	Y	
HAM24233	FOWLER ST	MONROE ST	MCGREGOR AV	16	271.71	AC	650	91	GOOD	Y	
HAM24211	FOWLER ST	TERM S OF WILKINSON ST	WILKINSON ST	17	122.07	AC	650	53	POOR	Y	
HAM24216	FOWLER ST	WILKINSON ST	BURBANK ST	18	248.14	AC	650	82	SATISFACTORY	Y	
HAM21889	FOX LN	LLEWELLYN ST	BEEKMAN ST	22	299.04	AC	650	29	VERY POOR	Y	
HAM11875	FOX RD	FAIRHILL DR	GRACEWOOD AV	24	382.13	AC	294	83	SATISFACTORY	Y	
HAM11874	FOX RD	GRACEWOOD AV	MT AIRY AV	23	339.29	AC	382	85	SATISFACTORY	Y	
HAM40887	FOX RD	HORIZONVUE DR	TERM N OF WESTONRIDGE DR	25	112.52	AC	650	95	GOOD	Y	
HAM11877	FOX RD	KIRBY AV	FAIRHILL DR	24	626.80	AC	339	74	SATISFACTORY	Y	
HAM40888	FOX RD	TERM N OF WESTONRIDGE DR	TERM S OF W NORTH BEND RD	4	66.83		-1	-1		N	DOES NOT EXIST
HAM03535	FOX RD	W NORTH BEND RD	KIRBY AV	24	969.78	AC	590	68	FAIR	Y	
HAM19898	FOX ST	FLORA ST	COON ST	15	162.58	AC	650	40	VERY POOR	Y	
HAM41164	FOXCOVE CT	BRODBECK PL	DEERCOVE CT	22	247.32	AC	551	69	FAIR	Y	
HAM54542	FOXCOVE CT	DEERCOVE CT	TERM NE OF DEERCOVE CT	23	367.69	AC	650	93	GOOD	Y	
HAM38021	FOXGLOVE LN	GOLDENROD DR	TERM NW OF GOLDENROD DR	26	372.64	AC	406	73	SATISFACTORY	Y	
HAM39254	FOXHALL CT	TERM W OF FAIRVIEW AV	FAIRVIEW AV	8	146.01	AC	650	71	SATISFACTORY	Y	
HAM37401	FOXRUN CT	FAIRHILL DR	TERM N OF FAIRHILL DR	25	294.68	AC	650	48	POOR	Y	
HAM35485	FOXRUN CT	TERM S OF FAIRHILL DR	FAIRHILL DR	25	283.60	AC	650	51	POOR	Y	
HAM36762	FRANCIS AV	TERM E OF TRENTON AV	TRENTON AV	23	553.62	AC	650	43	POOR	Y	
HAM66217	FRANCIS LN	EDGECLIFF PL	VICTORY PKWY	36	197.72	AC	650	33	VERY POOR	Y	
HAM66218	FRANCIS LN	EDGECLIFF RD	EDGECLIFF PL	36	85.80	AC	596	35	VERY POOR	Y	
HAM05543	FRANCIS LN	KEMPER LN	EDGECLIFF RD	35	815.73	AC	454	42	POOR	Y	
HAM05684	FRANCIS LN	VICTORY PKWY	CYPRESS ST	36	617.38	AC	650	66	FAIR	Y	
HAM05592	FRANCISCO ST	FULTON AV	ST JAMES AV	29	479.19	AC	621	47	POOR	Y	
HAM27835	FRANK ST	E 13TH ST	ARTIST AL	24	103.27	AC	502	84	SATISFACTORY	Y	
HAM30054	FRANKLIN AV	CORINTH AV	PADDOCK RD	26	408.28	AC	650	71	SATISFACTORY	Y	
HAM30053	FRANKLIN AV	FRANKLIN AV	CORINTH AV	24	328.66	AC	517	77	SATISFACTORY	Y	
HAM37330	FRANKLIN AV	MATLOCK AV	TERM E OF MATLOCK AV	24	464.36	AC	491	86	GOOD	Y	
HAM30057	FRANKLIN AV	META DR		4	229.68		-1	-1		N	STAIRCASE
HAM40461	FRANKLIN AV	OAKDALE AV	OBERLIN AV	22	524.04	AC	383	81	SATISFACTORY	Y	
HAM12381	FRANKLIN AV	OBERLIN AV	MATLOCK AV	23	532.25	AC	429	80	SATISFACTORY	Y	
HAM30060	FRANKLIN AV	PADDOCK RD	OAKDALE AV	24	577.93	AC	397	74	SATISFACTORY	Y	
HAM02161	FREDERICK AV	ANTHONY AV	KIRBY AV	26	172.90	AC	650	73	SATISFACTORY	Y	
HAM02163	FREDERICK AV	HAMILTON AV	INNES AV	26	370.48	AC	650	63	FAIR	Y	
HAM02162	FREDERICK AV	INNES AV	ANTHONY AV	25	344.34	AC	506	84	SATISFACTORY	Y	
HAM26246	FREDONIA AV	MELBOURNE ST	MILTON CT	28	439.57	AC	351	47	POOR	Y	
HAM35248	FREDONIA AV	MELISH PL	WHITTIER ST	44	1415.66	AC	218	93	GOOD	Y	
HAM26279	FREDONIA AV	WHITTIER ST	MELBOURNE ST	31	358.05	AC	204	39	VERY POOR	Y	
HAM05747	FREELAND AV	HERRICK AV	GRANDIN RD	25	439.93	AC	571	80	SATISFACTORY	Y	
HAM08226	FREEMAN AV	BANK ST	CLEARWATER ST	35	499.18	AC	222	87	GOOD	Y	
HAM20038	FREEMAN AV	BELOIT AL	CENTRAL AV	36	127.80	AC	650	59	FAIR	Y	
HAM19984	FREEMAN AV	CLEARWATER ST	BELOIT AL	35	57.08	AC	80	91	GOOD	Y	
HAM08230	FREEMAN AV	CORN AL	BANK ST	37	210.31	AC	650	61	FAIR	Y	
HAM08234	FREEMAN AV	DAYTON ST	CORN AL	37	185.23	AC	167	78	SATISFACTORY	Y	
HAM27454	FREEMAN AV	FINDLAY ST	HULBERT AV	37	145.76	AC	650	89	GOOD	Y	
HAM61518	FREEMAN AV	FREEMAN AV TO W 6TH EB ST RAMP	FREEMAN AV TO W 6TH EB ST RAMP	55	232.79	AC	174	91	GOOD	Y	
HAM27458	FREEMAN AV	HULBERT AV	YORK ST	38	276.12	AC	190	91	GOOD	Y	
HAM25637	FREEMAN AV	KLOTTER AV	CONROY ST	3	108.10		-1	-1		N	BOOTS ON THE GROUND / STAIRCASE
HAM27455	FREEMAN AV	LIVINGSTON ST	FINDLAY CT	37	86.18	AC	650	92	GOOD	Y	
HAM08232	FREEMAN AV	NAEHER ST	DAYTON ST	38	184.15	AC	153	84	SATISFACTORY	Y	
HAM27490	FREEMAN AV	POPLAR ST	LIVINGSTON ST	36	233.11	AC	268	93	GOOD	Y	
HAM61517	FREEMAN AV	SARGENT ST	FREEMAN AV TO W 6TH EB ST RAMP	55	346.90	AC	260	93	GOOD	Y	
HAM25726	FREEMAN AV	W 6TH WB ST	W 8TH ST	95	718.23	AC	223	88	GOOD	Y	
HAM30685	FREEMAN AV	W 8TH ST	GEST ST	116	947.23	PCC	491	67	FAIR	Y	
HAM25642	FREEMAN AV	W MCMICKEN AV	ATLAS AL	19	92.78	AC	650	74	SATISFACTORY	Y	
HAM25879	FREEMAN AV	W MEHRING WY	SARGENT ST	62	224.52	AC	424	93	GOOD	Y	
HAM27452	FREEMAN AV	YORK ST	NAEHER ST	38	176.52	AC	175	88	GOOD	Y	
HAM25731	FREEMAN AV TO W 6TH WB ST RAMP	FREEMAN AV	W 6TH WB ST RAMP	22	1084.61	AC	242	94	GOOD	Y	
HAM57591	FRICKE RD	BEEKMAN ST	TERM W OF BEEKMAN ST	30	368.55	AC	650	93	GOOD	Y	
HAM50029	FRIENDSHIP LN	TERM N OF SUNWALK DR	SUNWALK DR	22	102.05	AC	650	75	SATISFACTORY	Y	
HAM08575	FRINTZ ST	E CLIFTON AV	PEETE ST	30	150.25	AC	650	39	VERY POOR	Y	
HAM08578	FRINTZ ST	E MCMICKEN AV	HUST AL	29	145.41	AC	650	57	FAIR	Y	
HAM08576	FRINTZ ST	HUST AL	E CLIFTON AV	29	161.62	AC	650	51	POOR	Y	
HAM53588	FRINTZ ST	PEETE ST	MULBERRY ST	4	164.33		-1	-1		N	BOOTS ON THE GROUND / PEDESTRIAN PATHWAY
HAM00077	FROOME AV	DOBERRER AV	GRAY RD	24	694.68	AC	443	67	FAIR	Y	
HAM00078	FROOME AV	NORTH EDGEWOOD AV	DOBERRER AV	25	366.05	AC	650	49	POOR	Y	
HAM18133	FROOME AV	TERM E OF NORTH EDGEWOOD AV	NORTH EDGEWOOD AV	24	462.81	AC	650	62	FAIR	Y	
HAM26041	FT WSHNGTN EB TO COLUMBIA EB RAMP	FT WSHNGTN EB	COLUMBIA EB RAMP	25	1579.46	PCC	131	96	GOOD	Y	ONE WAY
HAM08646	FULLER ST	PAVILION ST	HATCH ST	24	589.29	AC	650	71	SATISFACTORY	Y	ONE WAY
HAM56025	FULTON AV	BEETHOVEN PL	SHARKEY LN	30	459.21	AC	238	62	FAIR	Y	
HAM26163	FULTON AV	EDEN PARK DR	BEETHOVEN PL	40	1417.11	AC	207	43	POOR	Y	
HAM05577	FULTON AV	FRANCISCO ST	WINDSOR ST	31	344.33	AC	650	38	VERY POOR	Y	
HAM10624	FULTON AV	NASSAU ST	FRANCISCO ST	30	362.57	AC	445	72	SATISFACTORY	Y	
HAM56026	FULTON AV	SHARKEY LN	NASSAU ST	30	419.08	AC	583	75	SATISFACTORY	Y	
HAM02957	FYFFE AV	MCHENRY AV	WESTWOOD NORTHERN BLVD	20	383.62	AC	650	30	VERY POOR	Y	
HAM37812	FYFFE AV	NICHOLSON AV	TERM N OF NICHOLSON AV	18	1736.62	AC	368	54	POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM02785	FYFFE AV	TERM SE OF MCHENRY AV	MCHENRY AV	10	677.65	AC	650	40	VERY POOR	Y	UNCOLLECTED PORTION UNPAVED ROAD
HAM02776	FYFFE AV	WESTWOOD NORTHERN BLVD	NICHOLSON AV	19	160.79	AC	650	72	SATISFACTORY	Y	
HAM38948	GABRIEL AV	MT HOPE AV	TERM SW OF MT HOPE AV	15	355.58	AC	637	89	GOOD	Y	
HAM39599	GAFF AV	BERESFORD AV	TERM NE OF BERESFORD AV	31	822.13	AC	608	48	POOR	Y	
HAM33763	GAGE ST	BOSLER AL	TERM SE OF BOSLER AL	26	80.93	AC	650	34	VERY POOR	Y	
HAM33764	GAGE ST	BOSLER AL	ELEANOR PL	4	185.65		-1	-1		N	BOOTS ON THE GROUND / STAIRCASE
HAM20214	GAGE ST	CALUMET ST	BOSLER AL	25	134.84	AC	650	36	VERY POOR	Y	
HAM20222	GAGE ST	RICE ST	CALUMET ST	23	482.31	AC	650	31	VERY POOR	Y	
HAM08984	GALENA AL	CENTRAL PKWY	NOME AL	9	138.45		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM08983	GALENA AL	NOME AL	PROVIDENCE ST	8	69.27		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM01693	GALVIN AV	MT HOPE AV	GALVIN LN	12	823.84	AC	650	72	SATISFACTORY	Y	
HAM39221	GALVIN AV	TERM NE OF ANSONIA AV	ANSONIA AV	14	89.92	AC	650	77	SATISFACTORY	Y	
HAM01741	GALVIN AV	TERM NE OF MT HOPE AV	MT HOPE AV	18	429.15	AC	650	69	FAIR	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM01742	GALVIN LN	RIVER RD	GALVIN AV	13	212.51	AC	650	84	SATISFACTORY	Y	
HAM15853	GAMBLE AV	HIGBEE ST	CHEVIOT AV	30	386.63	AC	650	69	FAIR	Y	
HAM25878	GANDOLFO AL	ELM ST	CENTRAL PKWY	7	424.51		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM25500	GANO AV	HOWELL AV	WIRHAM PL	25	352.10	AC	650	92	GOOD	Y	
HAM25514	GANO AV	WIRHAM PL	MANOR HILL DR	27	342.07	AC	650	90	GOOD	Y	
HAM08606	GANO ST	BODMAN AL	MAIN ST	15	116.30	PCC	650	69	FAIR	Y	
HAM09047	GANO ST	RUTH LYONS LN	WALNUT ST	19	231.37	BR	650	-1		Y	ONE WAY
HAM09024	GANO ST	VINE ST	RUTH LYONS LN	20	230.22	AC	650	95	GOOD	Y	ONE WAY
HAM12405	GARDEN LN	HERMIT AV	RHODE ISLAND AV	21	866.67	AC	422	47	POOR	Y	ONE WAY
HAM12376	GARDEN LN	PHANTOM AV	HERMIT AV	21	771.93	AC	454	52	POOR	Y	ONE WAY
HAM37328	GARDEN LN	TERM W OF PHANTOM AV	PHANTOM AV	20	153.76	AC	632	46	POOR	Y	
HAM27418	GARDEN ST	BRIGHT AL	COLERAIN AV	18	128.03	AC	650	93	GOOD	Y	
HAM32143	GARDEN ST	COLERAIN AV	GIBSON AL	19	132.99	AC	630	94	GOOD	Y	
HAM27414	GARDEN ST	GIBSON AL	PORTER AL	18	340.14	AC	354	92	GOOD	Y	
HAM53324	GARDEN ST	PORTER AL	WINCHELL AV	18	81.87	AC	650	91	GOOD	Y	
HAM38532	GARDEN ST	TERM E OF BRIGHT AL	BRIGHT AL	19	55.98	AC	650	90	GOOD	Y	
HAM65971	GARDENHILL LN	TERM SE OF	WINNESTE AV	30	700.28	AC	452	86	GOOD	Y	
HAM25840	GARFIELD PL	BALDWIN AL	RACE ST	23	153.62	BR	344	-1		Y	ONE WAY
HAM25841	GARFIELD PL	DOERR AL	BALDWIN AL	23	211.78	BR	298	-1		Y	ONE WAY
HAM53067	GARFIELD PL	DOERR AL	RACE ST	21	353.56	PCC	384	88	GOOD	Y	ONE WAY
HAM25980	GARFIELD PL	IRA AL	ELM ST	22	335.62	AC	342	95	GOOD	Y	ONE WAY
HAM25842	GARFIELD PL	RACE ST	IRA AL	22	145.88	AC	188	93	GOOD	Y	ONE WAY
HAM53068	GARFIELD PL	RACE ST	ELM ST	22	485.50	PCC	426	90	GOOD	Y	ONE WAY
HAM25740	GARFIELD PL	VINE ST	DOERR AL	28	137.83	BR	650	-1		Y	ONE WAY
HAM53066	GARFIELD PL	VINE ST	DOERR AL	21	160.24	BR	646	-1		Y	ONE WAY
HAM25592	GARRARD AV	HOPPLE ST	ELAM ST	36	377.09	AC	351	75	SATISFACTORY	Y	
HAM25564	GARRARD AV	SPRING GROVE AV	HOPPLE ST	27	335.37	AC	605	64	FAIR	Y	ONE WAY
HAM55227	GARRICK CT	STATHEM AV	TERM W OF STATHEM AV	15	33.12		-1	-1		N	BLOCKED BY VEHICLES
HAM25720	GAS AL	W MEHRING WY	W PETE ROSE WY	15	300.33	BR	650	-1		Y	
HAM10855	GASSAWAY RD	ANCHORAGE RD	KELLOGG AV	14	327.19	AC	650	48	POOR	Y	
HAM02825	GATE ST	PERCY AV	BRACKEN WOODS LN	20	196.39	AC	638	66	FAIR	Y	
HAM03006	GATE ST	WORTHINGTON AV	PERCY AV	20	269.34	AC	650	53	POOR	Y	
HAM08225	GAY AL	YORK ST	NAEHER ST	9	186.50		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM38745	GEHRUM LN	TERM E OF QUEEN CITY AV	QUEEN CITY AV	24	771.13	AC	650	83	SATISFACTORY	Y	
HAM02725	GEIGER ST	BALTIMORE AV	CARLL ST	16	262.97	AC	650	37	VERY POOR	Y	
HAM02097	GELLENBECK ST	GILSEY AV	TALBERT ST	18	329.20	AC	650	95	GOOD	Y	
HAM02116	GELLENBECK ST	TALBERT ST	HEYWARD ST	15	820.00	AC	606	53	POOR	Y	
HAM30716	GENESSEE ST	JOHN ST	NEAR DR	26	315.85	AC	192	78	SATISFACTORY	Y	ONE WAY
HAM30717	GENESSEE ST	NEAR DR	LAUREL PARK DR	25	113.07	AC	650	78	SATISFACTORY	Y	ONE WAY
HAM30893	GENEVAVIEW ST	LAUREL PARK DR	SPANNER DR	25	116.51	AC	650	76	SATISFACTORY	Y	ONE WAY
HAM30890	GENEVAVIEW ST	SPANNER DR	SPANNER DR	26	103.44	AC	228	79	SATISFACTORY	Y	ONE WAY
HAM30891	GENEVAVIEW ST	SPANNER DR	LINN ST	26	155.13	AC	564	82	SATISFACTORY	Y	ONE WAY
HAM26003	GEORGE ST	ELM ST	PLUM ST	29	461.30	AC	650	93	GOOD	Y	
HAM07385	GEORGIA AV	GORHAM AL	CHASE AV	30	142.24	AC	650	40	VERY POOR	Y	
HAM07348	GEORGIA AV	HANFIELD ST	LOOKER AL	31	144.13	AC	650	40	VERY POOR	Y	
HAM07344	GEORGIA AV	LOOKER AL	GORHAM AL	31	162.99	AC	467	40	VERY POOR	Y	
HAM35506	GEORGIA CT	BRUCE AV	TERM N OF BRUCE AV	27	364.46	AC	650	74	SATISFACTORY	Y	
HAM07993	GERARD ST	DONAHUE ST	E ROCHELLE ST	24	206.89	AC	650	68	FAIR	Y	
HAM34682	GERARD ST	FOSDICK ST	E UNIVERSITY AV	25	268.42	AC	650	65	FAIR	Y	
HAM07967	GERARD ST	OAK ST	FOSDICK ST	24	259.04	AC	650	89	GOOD	Y	
HAM38575	GERINGER ST	TERM S OF MILLCREEK RD	MILLCREEK RD	28	1788.55	AC	444	44	POOR	Y	
HAM03684	GEROLD DR	ANDERSON FERRY RD	KATHY LN	25	1430.43	AC	502	50	POOR	Y	
HAM03676	GEROLD DR	KATHY LN	ROBINET DR	25	319.46	AC	575	68	FAIR	Y	
HAM59456	GERSHOM AV	COLLEGEVUE PL	TERM N OF COLLEGEVUE PL	30	611.33	AC	610	93	GOOD	Y	
HAM56184	GEST EB ST	GEST WB ST	GEST EB ST TO LINN ST RAMP	23	1630.92	PCC	252	79	SATISFACTORY	Y	
HAM56187	GEST EB ST TO LINN ST RAMP	GEST EB ST	GEST WB ST TO LINN ST RAMP	18	505.43	AC	650	50	POOR	Y	ONE WAY
HAM08767	GEST ST	DALTON AV	EVANS ST	43	3306.25	AC	332	70	FAIR	Y	
HAM08764	GEST ST	DEPOT ST	STATE AV	36	238.76	AC	375	79	SATISFACTORY	Y	
HAM08761	GEST ST	EVANS ST	WOODROW ST	36	251.39	AC	340	79	SATISFACTORY	Y	
HAM27529	GEST ST	GEST EB ST	WINCHELL AV	74	553.60	PCC	636	77	SATISFACTORY	Y	
HAM34103	GEST ST	I-75 SB EXWY TO GEST ST RAMP	WESTERN AV	85	247.58	PCC	411	80	SATISFACTORY	Y	
HAM25976	GEST ST	LINN ST	W 5TH ST	54	587.23	PCC	625	57	FAIR	Y	
HAM01753	GEST ST	NEVADA ST	WILDER AV	36	213.01	AC	650	36	VERY POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM01754	GEST ST	STATE AV	NEVADA ST	36	154.04	AC	650	41	POOR	Y	
HAM08763	GEST ST	SUMMER ST	DEPOT ST	36	497.09	AC	371	77	SATISFACTORY	Y	
HAM25975	GEST ST	W 5TH ST	W 6TH ST	54	488.36	PCC	286	60	FAIR	Y	
HAM53219	GEST ST	W 6TH ST	W 6TH ST TO GEST ST RAMP	66	212.43	AC	232	95	GOOD	Y	
HAM28127	GEST ST	W 6TH ST TO GEST ST RAMP	W 8TH ST TO GEST ST RAMP	77	353.99	PCC	235	59	FAIR	Y	
HAM25928	GEST ST	W PETE ROSE WY	LINN ST	30	818.46	AC	650	79	SATISFACTORY	Y	
HAM08760	GEST ST	WOODROW ST	SUMMER ST	36	255.58	AC	344	74	SATISFACTORY	Y	
HAM28136	GEST ST TO W 7TH ST RAMP	GEST ST	W 7TH ST	18	581.38	AC	320	93	GOOD	Y	ONE WAY
HAM30696	GEST WB ST	GEST EB ST	GEST WB ST TO LINN ST RAMP	23	541.27	PCC	247	72	SATISFACTORY	Y	
HAM56185	GEST WB ST	GEST EB ST	GEST EB ST	20	1122.02	PCC	214	77	SATISFACTORY	Y	
HAM56186	GEST WB ST TO LINN ST RAMP	GEST WB ST	GEST EB ST TO LINN ST RAMP	19	607.53	AC	620	52	POOR	Y	ONE WAY
HAM38971	GEYER WOODS LN	WERK RD	TERM N OF WERK RD	20	760.43	AC	650	71	SATISFACTORY	Y	
HAM26223	GHOLSON AV	WASHINGTON AV	READING RD	30	1835.74	AC	438	51	POOR	Y	
HAM27404	GIBSON AL	CURRY AL	BANK ST	11	140.89		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM27407	GIBSON AL	GARDEN ST	CURRY AL	8	107.82		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM21627	GILBERT AV	BEECHER ST	E MARTIN LUTHER KING JR DR	54	170.34	AC	650	91	GOOD	Y	
HAM26339	GILBERT AV	BLAIR AV	VICTORY PKWY	65	788.82	AC	397	52	POOR	Y	
HAM26257	GILBERT AV	BUENA VISTA PL	TERM NE OF	55	843.57	AC	181	67	FAIR	Y	
HAM21613	GILBERT AV	CHAPEL ST	LINCOLN AV	56	356.15	AC	473	35	VERY POOR	Y	
HAM18995	GILBERT AV	CURTIS ST	MELROSE AV	68	243.83	AC	650	67	FAIR	Y	
HAM20383	GILBERT AV	DEERFIELD PL	KENTON ST	70	340.97	AC	238	52	POOR	Y	
HAM26335	GILBERT AV	DIXMONT AV	WOODBURN AV	37	288.18	AC	650	71	SATISFACTORY	Y	
HAM26338	GILBERT AV	DIXMONT AV	DURRELL AV	37	501.05	AC	200	41	POOR	Y	
HAM26337	GILBERT AV	DURRELL AV	HARVARD AV	37	385.97	AC	262	44	POOR	Y	
HAM27831	GILBERT AV	E COURT ST	GILBERT AV TO I-71 NB EXWY RAMP	70	577.59	AC	209	63	FAIR	Y	
HAM63513	GILBERT AV	E MARTIN LUTHER KING JR DR	BUENA VISTA PL	66	243.69	AC	650	92	GOOD	Y	
HAM27916	GILBERT AV	EDEN PARK DR	MORRIS ST	70	735.31	AC	387	70	FAIR	Y	
HAM27922	GILBERT AV	ELSINORE PL	EDEN PARK DR	70	1593.04	AC	262	47	POOR	Y	
HAM19000	GILBERT AV	FINCH AL	PANA AL	71	214.03	AC	171	48	POOR	Y	
HAM21618	GILBERT AV	FORAKER AV	BEECHER ST	56	178.60	AC	209	70	FAIR	Y	
HAM27837	GILBERT AV	GILBERT AV TO I-71 NB EXWY RAMP	I-71 SB TO GILBERT AV RAMP	66	328.32	AC	549	47	POOR	Y	
HAM26336	GILBERT AV	HARVARD AV	DIXMONT AV	36	187.09	AC	360	53	POOR	Y	
HAM50908	GILBERT AV	I-71 SB TO GILBERT AV RAMP	ELSINORE PL	81	1517.33	AC	190	75	SATISFACTORY	Y	
HAM20382	GILBERT AV	KENTON ST	SINTON AV	70	557.84	AC	173	68	FAIR	Y	
HAM21617	GILBERT AV	LINCOLN AV	FORAKER AV	55	286.53	AC	369	78	SATISFACTORY	Y	
HAM19006	GILBERT AV	MELROSE AV	WILLIAM H TAFT RD	55	596.46	AC	650	41	POOR	Y	
HAM27915	GILBERT AV	MORRIS ST	DEERFIELD PL	70	623.34	AC	220	45	POOR	Y	
HAM21615	GILBERT AV	OAK ST	CHAPEL ST	56	526.19	AC	328	33	VERY POOR	Y	
HAM19002	GILBERT AV	PANA AL	CURTIS ST	70	174.53	AC	131	51	POOR	Y	
HAM19001	GILBERT AV	ROGERS PL	FINCH AL	71	269.73	AC	145	75	SATISFACTORY	Y	
HAM20380	GILBERT AV	SINTON AV	WINDSOR ST	69	256.30	AC	269	64	FAIR	Y	
HAM21616	GILBERT AV	WILLIAM H TAFT RD	YALE AV	55	626.98	AC	169	47	POOR	Y	
HAM19003	GILBERT AV	WINDSOR ST	ROGERS PL	68	476.75	AC	173	57	FAIR	Y	
HAM21614	GILBERT AV	YALE AV	OAK ST	55	268.03	AC	220	42	POOR	Y	
HAM20161	GILMAN AV	ALBION PL	MAPLEWOOD AV	30	359.53	AC	650	58	FAIR	Y	
HAM20163	GILMAN AV	AUBURN AV	ALBION PL	30	750.33	AC	526	43	POOR	Y	
HAM12145	GILMORE AV	CELERON AV	MARKBREIT AV	24	318.90	AC	524	45	POOR	Y	
HAM21336	GILMORE AV	MARKBREIT AV	MADISON RD	30	790.14	AC	563	93	GOOD	Y	
HAM37671	GILNA CT	TERM E OF WESTBROOK DR	WESTBROOK DR	28	320.95	AC	650	32	VERY POOR	Y	
HAM21547	GILPIN AV	VICTORY PKWY	WOODBURN AV	36	647.67	AC	440	45	POOR	Y	
HAM02111	GILSEY AV	DEWEY AV	SUNSET AV	24	724.74	AC	447	94	GOOD	Y	
HAM32374	GILSEY AV	GELLENBECK ST	TALBERT ST	20	355.22	AC	297	93	GOOD	Y	
HAM02098	GILSEY AV	GLENWAY AV	W LIBERTY ST	31	1074.36	AC	650	92	GOOD	Y	
HAM03308	GILSEY AV	ST LAWRENCE AV	WEBER LN	29	336.68	AC	522	35	VERY POOR	Y	
HAM02110	GILSEY AV	TALBERT ST	DEWEY AV	23	319.21	AC	283	95	GOOD	Y	
HAM02079	GILSEY AV	W LIBERTY ST	GELLENBECK ST	25	686.56	AC	453	92	GOOD	Y	
HAM02099	GILSEY AV	WEBER LN	GLENWAY AV	28	1260.04	AC	476	32	VERY POOR	Y	
HAM35707	GIRARD AV	LOSANTIVILLE AV	TERM N OF LOSANTIVILLE AV	23	456.61	AC	650	67	FAIR	Y	
HAM37958	GIRARD AV	TERM S OF LOSANTIVILLE AV	LOSANTIVILLE AV	25	970.71	AC	467	73	SATISFACTORY	Y	
HAM06396	GLADE AV	ANTOINETTE AV	BURNEY LN	19	335.00	AC	640	75	SATISFACTORY	Y	
HAM06412	GLADE AV	BEACON ST	CRAIGLAND LN	18	1019.75	AC	387	67	FAIR	Y	
HAM06413	GLADE AV	CRAIGLAND LN	ANTOINETTE AV	19	751.75	AC	267	75	SATISFACTORY	Y	
HAM06392	GLADE AV	DYER ST	BEACON ST	18	372.67	AC	650	53	POOR	Y	
HAM20518	GLADE AV	MAYLAND DR	DYER ST	18	374.89	AC	283	75	SATISFACTORY	Y	
HAM20513	GLADE AV	MEARS AV	MAYLAND DR	20	639.44	AC	251	59	FAIR	Y	
HAM06395	GLADE AV	SUTTON AV	MEARS AV	20	1173.86	AC	496	64	FAIR	Y	
HAM00923	GLADYS AV	ELKTON PL	W NORTH BEND RD	20	449.37	AC	465	95	GOOD	Y	
HAM08534	GLANKER ST	VINE ST	HAMER ST	11	167.41		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM10582	GLASS AL	CLYMER AL	ELM ST	8	132.11		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM10586	GLASS AL	PLEASANT ST	CLYMER AL	7	102.11		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM10587	GLASS AL	RACE ST	PLEASANT ST	6	234.48		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM02157	GLEN ARMAND AV	JANET ST	HAMILTON AV	17	306.63	AC	650	56	FAIR	Y	
HAM11558	GLEN AV	BANTRY AV	DANTE AV	33	560.54	AC	650	49	POOR	Y	
HAM07543	GLEN EDGE LN	EDGEVIEW DR	ROBISON RD	26	1017.40	AC	397	57	FAIR	Y	
HAM18252	GLEN ESTE PL	VINE ST	WALLS ST	25	247.07	AC	650	42	POOR	Y	
HAM38511	GLEN ESTE PL	WALLS ST	TERM E OF WALLS ST	28	490.96	AC	650	76	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM12114	GLEN LYON AV	AVONDALE AV	BARRY LN	25	356.80	AC	456	91	GOOD	Y	
HAM12116	GLEN LYON AV	LENOX PL	AVONDALE AV	24	383.26	AC	547	79	SATISFACTORY	Y	
HAM12103	GLEN LYON AV	REDWAY AV	LENOX PL	25	428.91	AC	433	82	SATISFACTORY	Y	
HAM39691	GLEN MEADOW LN	TERM S OF E SEYMOUR AV	E SEYMOUR AV	34	1216.80	AC	481	68	FAIR	Y	
HAM36695	GLEN ORCHARD DR	HARTLAND DR	TERM N OF HARTLAND DR	25	395.20	AC	504	44	POOR	Y	
HAM30292	GLEN ORCHARD DR	SPARKLE DR	HARTLAND DR	24	808.30	AC	524	51	POOR	Y	
HAM39132	GLEN ORCHARD DR	TERM S OF SPARKLE DR	SPARKLE DR	24	164.23	AC	650	53	POOR	Y	
HAM02648	GLEN PARKER AV	HAMILTON AV	TERM W OF HAMILTON AV	18	341.31	AC	650	48	POOR	Y	
HAM02662	GLEN PARKER AV	INNES AV	KIRBY AV	18	392.81	AC	650	45	POOR	Y	
HAM02871	GLEN PARKER AV	LANGLAND ST	THOMPSON HEIGHTS AV	36	1183.13	AC	285	100	GOOD	Y	
HAM02873	GLEN PARKER AV	THOMPSON HEIGHTS AV	HAMILTON AV	37	570.69	AC	650	100	GOOD	Y	
HAM09498	GLENCOE PL	ADNORED CT	DERONDA CT	20	302.38	AC	650	14	SERIOUS	Y	
HAM09501	GLENCOE PL	INWOOD PL	ADNORED CT	22	158.73	AC	650	17	SERIOUS	Y	
HAM09500	GLENCOE PL	MCGREGOR AV	INWOOD PL	24	220.81	AC	650	37	VERY POOR	Y	
HAM18217	GLENCROSS AV	WEDGEWOOD AV	E MITCHELL AV	26	710.73	AC	399	86	GOOD	Y	
HAM37979	GLENCROSSING WY	ANDERSON FERRY RD	TERM NW OF ANDERSON FERRY RD	36	1128.72	AC	566	54	POOR	Y	
HAM59710	GLENCROSSING WY	GLENWAY AV	TERM SW OF	58	858.21	AC	343	39	VERY POOR	Y	
HAM59709	GLENCROSSING WY	TERM E OF	ANDERSON FERRY RD	58	949.91	AC	363	55	POOR	Y	
HAM13010	GLENDALE ST	VINE ST	BURNS AV	27	913.62	AC	548	77	SATISFACTORY	Y	
HAM19540	GLENDON PL	BROOKCREST DR	EASTLAWN DR	24	791.40	AC	362	49	POOR	Y	
HAM33116	GLENDORA AV	TERM S OF SHIELDS ST	SHIELDS ST	28	827.47	AC	505	35	VERY POOR	Y	
HAM14859	GLENDORA AV	W CHARLTON ST	W DANIELS ST	20	462.72	AC	650	57	FAIR	Y	ONE WAY
HAM14857	GLENDORA AV	W CORRY ST	W CHARLTON ST	18	464.48	AC	650	63	FAIR	Y	ONE WAY
HAM34694	GLENDORA AV	W DANIELS ST	W UNIVERSITY AV	23	462.49	AC	650	44	POOR	Y	ONE WAY
HAM08032	GLENDORA AV	W UNIVERSITY AV	W ROCHELLE ST	35	461.60	AC	637	51	POOR	Y	
HAM12230	GLENGATE LN	LAWNDALE AV	DOUGLAS TER	24	1236.88	AC	493	71	SATISFACTORY	Y	
HAM12193	GLENGATE LN	MAPLELEAF AV	LAWNDALE AV	24	263.67	AC	650	52	POOR	Y	
HAM37283	GLENGATE LN	TERM S OF MAPLELEAF AV	MAPLELEAF AV	24	210.54	AC	650	76	SATISFACTORY	Y	
HAM09200	GLENGYLE AV	CREST CIR	OMAR PL	24	269.59	AC	212	78	SATISFACTORY	Y	
HAM09196	GLENGYLE AV	DELTA AV	WILLBARR TER	24	134.62	AC	650	81	SATISFACTORY	Y	
HAM09199	GLENGYLE AV	WILLBARR TER	CREST CIR	24	434.85	AC	250	83	SATISFACTORY	Y	
HAM30627	GLENHILLS WY	FERGUSON RD	BOUDINOT AV	53	1321.72	AC	446	45	POOR	Y	
HAM39188	GLENHURST PL	TERM W OF MARBURG AV	MARBURG AV	20	529.28	AC	552	72	SATISFACTORY	Y	
HAM05958	GLENMARY AV	BIDDLE ST	BROOKLINE AV	30	242.31	AC	650	84	SATISFACTORY	Y	
HAM10708	GLENMARY AV	BISHOP ST	BIDDLE ST	32	545.28	AC	650	82	SATISFACTORY	Y	
HAM05501	GLENMARY AV	BROOKLINE AV	CLIFTON AV	34	810.83	AC	406	92	GOOD	Y	
HAM15501	GLENMORE AV	APPLEGATE AV	MONTANA AV	39	161.29	AC	351	44	POOR	Y	
HAM15504	GLENMORE AV	BROADWELL AV	APPLEGATE AV	37	178.75	AC	291	43	POOR	Y	
HAM15510	GLENMORE AV	DAYTONA AV	BROADWELL AV	37	520.04	AC	263	36	VERY POOR	Y	
HAM01780	GLENMORE AV	DUNN CT	WERK RD	51	322.66	AC	254	47	POOR	Y	
HAM15327	GLENMORE AV	HANNA AV	RENFRO AV	37	761.04	AC	285	36	VERY POOR	Y	
HAM15468	GLENMORE AV	HILDRETH AV	DAYTONA AV	37	262.44	AC	267	44	POOR	Y	
HAM01807	GLENMORE AV	MIDDEN CIR	VITTMER AV	40	265.84	AC	228	41	POOR	Y	
HAM15521	GLENMORE AV	MONTANA AV	CHEV|CINC CORPLINE	40	116.27	AC	480	60	FAIR	Y	
HAM15338	GLENMORE AV	RENFRO AV	SCHWARTZE AV	37	292.47	AC	332	45	POOR	Y	
HAM15430	GLENMORE AV	SCHWARTZE AV	HILDRETH AV	36	198.07	AC	378	39	VERY POOR	Y	
HAM01781	GLENMORE AV	VITTMER AV	DUNN CT	40	285.87	AC	299	43	POOR	Y	
HAM15325	GLENMORE AV	WERK RD	HANNA AV	44	560.63	AC	363	33	VERY POOR	Y	
HAM39428	GLENN AL	TERM SW OF HAZEN ST	HAZEN ST	14	325.14	AC	650	34	VERY POOR	Y	
HAM13575	GLENNA DR	HIGHVIEW DR	WILLNET DR	24	815.94	AC	262	92	GOOD	Y	
HAM13571	GLENNA DR	JUNIPER AV	HIGHVIEW DR	24	671.99	AC	438	93	GOOD	Y	
HAM38779	GLENNA DR	TERM S OF JUNIPER AV	JUNIPER AV	23	235.35	AC	650	93	GOOD	Y	
HAM03851	GLENNA DR	WILLNET DR	CINC|DELHTP CORPLINE	24	177.93	AC	463	65	FAIR	Y	
HAM38514	GLENRIDGE PL	GLENWOOD AV	TERM S OF GLENWOOD AV	24	771.49	AC	454	79	SATISFACTORY	Y	
HAM13069	GLENSHADE AV	DESMOND ST	UNNAMED AL	19	181.52	AC	504	32	VERY POOR	Y	
HAM13176	GLENSHADE AV	ERIE AV	DALZELL ST	23	334.38	AC	650	47	POOR	Y	
HAM13076	GLENSHADE AV	MADISON RD	SIERRA ST	25	386.84	AC	565	37	VERY POOR	Y	
HAM33938	GLENSHADE AV	PRENTICE ST	MADISON RD	22	353.76	AC	409	72	SATISFACTORY	Y	
HAM13146	GLENSHADE AV	ROE ST	VERONA AV	26	421.26	AC	650	90	GOOD	Y	
HAM13101	GLENSHADE AV	SIERRA ST	UNNAMED AL	23	166.58	AC	272	47	POOR	Y	
HAM13074	GLENSHADE AV	UNNAMED AL	DESMOND ST	24	184.81	AC	526	50	POOR	Y	
HAM13100	GLENSHADE AV	UNNAMED AL	CHANDLER ST	18	183.14	AC	563	32	VERY POOR	Y	
HAM13183	GLENSHADE AV	VERONA AV	ERIE AV	27	409.95	AC	592	72	SATISFACTORY	Y	
HAM38224	GLENSHADE CT	CHANDLER ST	TERM N OF CHANDLER ST	18	375.47	AC	650	27	VERY POOR	Y	
HAM34311	GLENSHIRE AV	EARLSCOURT VIEW	TWEED AV	24	521.15	AC	567	94	GOOD	Y	
HAM03296	GLENVIEW AV	MERYTON PL	BELMONT AV	20	1275.83	AC	456	71	SATISFACTORY	Y	
HAM02281	GLENVIEW AV	TANGLEWOOD LN	MERYTON PL	24	1048.31	AC	287	77	SATISFACTORY	Y	
HAM02465	GLENWAY AV	1ST AV	PANTHER CT	42	295.21	AC	256	81	SATISFACTORY	Y	
HAM09534	GLENWAY AV	AMETHYST ST	PARKSIDE CT	45	326.91	AC	258	43	POOR	Y	
HAM03253	GLENWAY AV	ANDERSON FERRY RD	LUMARDO AV	50	756.96	AC	425	91	GOOD	Y	
HAM02467	GLENWAY AV	BEECH AV	MANSS AV	39	261.66	AC	650	69	FAIR	Y	
HAM02453	GLENWAY AV	BLANCHARD AV	MANSION AV	40	87.71	AC	374	79	SATISFACTORY	Y	
HAM03547	GLENWAY AV	BOUDINOT AV	GLENHILLS WY	62	491.26	AC	507	80	SATISFACTORY	Y	
HAM03523	GLENWAY AV	BRATER AV	TULSA CT	48	455.57	AC	155	86	GOOD	Y	
HAM02476	GLENWAY AV	CARMANIA AV	OLIVIA LN	45	349.95	AC	342	45	POOR	Y	
HAM02031	GLENWAY AV	CARSON AV	WESSELS AV	39	155.98	AC	266	88	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM03720	GLENWAY AV	CASA LOMA BLVD	SHIRLEY PL	45	187.25	AC	340	67	FAIR	Y	
HAM15708	GLENWAY AV	CINC|GREETP CORPLINE	WESTBOURNE DR	60	1395.36	AC	366	65	FAIR	Y	
HAM02035	GLENWAY AV	CONSIDINE AV	PURCELL AV	40	325.92	AC	263	93	GOOD	Y	
HAM03270	GLENWAY AV	CORRINE AV	LOCUST LN	49	343.78	AC	284	91	GOOD	Y	
HAM02459	GLENWAY AV	DEWEY AV	ROSEMONT AV	44	248.98	AC	464	43	POOR	Y	
HAM02454	GLENWAY AV	DROTT AV	WELLS ST	40	170.63	AC	358	56	FAIR	Y	
HAM02448	GLENWAY AV	ELBERON AV	BLANCHARD AV	40	276.03	AC	224	93	GOOD	Y	
HAM02447	GLENWAY AV	FAIRBANKS AV	DROTT AV	40	275.99	AC	294	79	SATISFACTORY	Y	
HAM15676	GLENWAY AV	FEDERAL DR	PARKCREST LN	60	1865.89	AC	595	94	GOOD	Y	
HAM03721	GLENWAY AV	FERGUSON PL	CASA LOMA BLVD	45	193.88	AC	265	34	VERY POOR	Y	
HAM03255	GLENWAY AV	FERGUSON RD	HEUWERTH AV	45	194.42	AC	182	56	FAIR	Y	
HAM02461	GLENWAY AV	GILSEY AV	DEWEY AV	45	178.95	AC	330	67	FAIR	Y	
HAM03527	GLENWAY AV	GLENCROSSING WY	WEST TOWER AV	50	586.31	AC	650	89	GOOD	Y	
HAM03546	GLENWAY AV	GLENHILLS WY	NOVA AV	57	370.98	AC	197	86	GOOD	Y	
HAM02449	GLENWAY AV	GRAND AV	CONSIDINE AV	41	659.03	AC	295	91	GOOD	Y	
HAM03257	GLENWAY AV	HEUWERTH AV	PROSPERITY PL	45	182.97	AC	235	53	POOR	Y	
HAM02474	GLENWAY AV	KREIS LN	SCHIFF AV	45	297.29	AC	390	45	POOR	Y	
HAM02100	GLENWAY AV	KUHLMAN AV	ROSS AV	40	339.26	AC	308	88	GOOD	Y	
HAM03271	GLENWAY AV	LOCUST LN	WERK RD	56	432.95	AC	463	91	GOOD	Y	
HAM03269	GLENWAY AV	LUMARDO AV	CORRINE AV	48	394.61	AC	207	92	GOOD	Y	
HAM02452	GLENWAY AV	MANSION AV	WOODLAWN AV	40	156.56	AC	299	77	SATISFACTORY	Y	
HAM02466	GLENWAY AV	MANSS AV	1ST AV	39	287.73	AC	334	52	POOR	Y	
HAM02469	GLENWAY AV	MCKEONE AV	RUTLEDGE AV	44	232.57	AC	461	58	FAIR	Y	
HAM02456	GLENWAY AV	MCPHERSON AV	CARSON AV	41	387.00	AC	224	92	GOOD	Y	
HAM03518	GLENWAY AV	MIDWAY AV	MOUNTVILLE DR	48	282.30	AC	163	91	GOOD	Y	
HAM03589	GLENWAY AV	MILL ST	GLENCROSSING WY	56	414.63	AC	181	93	GOOD	Y	
HAM03512	GLENWAY AV	MOUNTVILLE DR	ANDERSON FERRY RD	52	489.42	AC	200	88	GOOD	Y	
HAM01842	GLENWAY AV	N OVERLOOK AV	FERGUSON RD	45	309.05	AC	366	53	POOR	Y	
HAM03529	GLENWAY AV	NOVA AV	MILL ST	52	359.87	AC	158	89	GOOD	Y	
HAM02475	GLENWAY AV	OLIVIA LN	OVERLOOK AV	45	456.96	AC	299	63	FAIR	Y	
HAM01799	GLENWAY AV	OVERLOOK AV	RULISON AV	44	524.75	AC	359	59	FAIR	Y	
HAM02463	GLENWAY AV	PANTHER CT	GILSEY AV	44	206.74	AC	427	76	SATISFACTORY	Y	
HAM15675	GLENWAY AV	PARKCREST LN	CINC|GREETP CORPLINE	59	104.84	AC	289	94	GOOD	Y	
HAM09536	GLENWAY AV	PARKSIDE CT	CARMANIA AV	45	605.39	AC	277	46	POOR	Y	
HAM01748	GLENWAY AV	PEERLESS ST	WING ST	41	2368.86	AC	203	82	SATISFACTORY	Y	
HAM02034	GLENWAY AV	PURCELL AV	ELBERON AV	40	333.43	AC	242	94	GOOD	Y	
HAM01839	GLENWAY AV	RALPH AV	N OVERLOOK AV	46	609.95	AC	327	41	POOR	Y	
HAM02472	GLENWAY AV	RAPID RUN PIKE	AMETHYST ST	44	672.44	AC	273	68	FAIR	Y	
HAM01800	GLENWAY AV	RELLEUM AV	RALPH AV	45	359.49	AC	282	45	POOR	Y	
HAM02101	GLENWAY AV	RIDLEN AV	KUHLMAN AV	39	163.21	AC	250	81	SATISFACTORY	Y	
HAM02458	GLENWAY AV	ROSEMONT AV	SLIKER AV	44	148.18	AC	387	33	VERY POOR	Y	
HAM09887	GLENWAY AV	ROSS AV	SETON AV	39	399.85	AC	650	89	GOOD	Y	
HAM01798	GLENWAY AV	RULISON AV	RELLEUM AV	45	404.17	AC	442	57	FAIR	Y	
HAM02471	GLENWAY AV	RUTLEDGE AV	KREIS LN	43	323.62	AC	270	45	POOR	Y	
HAM02473	GLENWAY AV	SCHIFF AV	RAPID RUN PIKE	43	408.24	AC	308	51	POOR	Y	
HAM09888	GLENWAY AV	SETON AV	BEECH AV	41	298.40	AC	650	73	SATISFACTORY	Y	
HAM03814	GLENWAY AV	SHIRLEY PL	BOUDINOT AV	65	437.43	AC	325	86	GOOD	Y	
HAM03558	GLENWAY AV	SIDNEY RD	WEST HIGH ST	46	787.54	AC	237	41	POOR	Y	
HAM02457	GLENWAY AV	SLIKER AV	WINFIELD AV	44	148.00	AC	580	45	POOR	Y	
HAM02450	GLENWAY AV	STERRETT AV	GRAND AV	41	689.01	AC	229	55	POOR	Y	
HAM02468	GLENWAY AV	SUNSET AV	MCKEONE AV	43	383.08	AC	472	17	SERIOUS	Y	
HAM03519	GLENWAY AV	TULSA CT	MIDWAY AV	47	99.72	AC	272	86	GOOD	Y	
HAM01749	GLENWAY AV	W 8TH ST	WILDER AV	39	789.62	AC	156	82	SATISFACTORY	Y	
HAM02455	GLENWAY AV	WELLS ST	MCPHERSON AV	40	216.62	AC	311	79	SATISFACTORY	Y	
HAM03553	GLENWAY AV	WERK RD	FEDERAL DR	68	435.99	AC	266	94	GOOD	Y	
HAM02102	GLENWAY AV	WESSELS AV	RIDLEN AV	39	136.72	AC	195	89	GOOD	Y	
HAM03607	GLENWAY AV	WEST HIGH ST	FERGUSON PL	45	143.84	AC	276	37	VERY POOR	Y	
HAM03524	GLENWAY AV	WEST TOWER AV	BRATER AV	48	365.87	AC	176	88	GOOD	Y	
HAM34448	GLENWAY AV	WINFIELD AV	SUNSET AV	43	222.69	AC	489	38	VERY POOR	Y	
HAM02446	GLENWAY AV	WOODLAWN AV	FAIRBANKS AV	40	275.16	AC	317	61	FAIR	Y	
HAM05696	GLENWOOD AV	ALASKA AV	ALASKA CT	29	120.70	AC	277	66	FAIR	Y	
HAM05699	GLENWOOD AV	ALASKA CT	HARVEY AV	30	810.94	AC	459	63	FAIR	Y	
HAM26212	GLENWOOD AV	BOGART AV	READING RD	30	808.68	AC	348	71	SATISFACTORY	Y	
HAM26318	GLENWOOD AV	BYRNES LN	GOSS RD	26	1070.54	AC	222	75	SATISFACTORY	Y	
HAM05719	GLENWOOD AV	CANYON DR	ALASKA AV	23	1038.05	AC	430	52	POOR	Y	
HAM18255	GLENWOOD AV	GLENRIDGE PL	CANYON DR	22	1037.18	AC	339	61	FAIR	Y	
HAM26293	GLENWOOD AV	GLENWOOD PL	BYRNES LN	30	430.49	AC	229	47	POOR	Y	
HAM26295	GLENWOOD AV	GOSS RD	LEXINGTON AV	26	198.15	AC	360	67	FAIR	Y	
HAM05733	GLENWOOD AV	HARVEY AV	WASHINGTON AV	31	428.89	AC	563	79	SATISFACTORY	Y	
HAM26285	GLENWOOD AV	READING RD	GLENWOOD PL	32	890.66	AC	358	55	POOR	Y	
HAM05885	GLENWOOD AV	VAN ANTWERP PL	BOGART AV	31	484.99	AC	212	79	SATISFACTORY	Y	
HAM18245	GLENWOOD AV	VINE ST	GLENRIDGE PL	28	1028.65	AC	543	67	FAIR	Y	
HAM05887	GLENWOOD AV	WASHINGTON AV	VAN ANTWERP PL	32	392.74	AC	650	78	SATISFACTORY	Y	
HAM38413	GLENWOOD PL	TERM S OF GLENWOOD AV	GLENWOOD AV	23	341.53	AC	523	36	VERY POOR	Y	
HAM12227	GLOSS AV	LESTER RD	RIDGE AV	30	1172.05	AC	541	42	POOR	Y	
HAM37981	GLOW CT	MOUNTVILLE DR	TERM N OF MOUNTVILLE DR	23	739.46	AC	601	55	POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM09728	GOBEL AV	FERNCREST CT	WORTHINGTON AV	26	421.14	AC	349	89	GOOD	Y	
HAM50662	GOBEL AV	GOBEL CT	FERNCREST CT	26	885.80	AC	352	86	GOOD	Y	
HAM00053	GOBEL AV	WORTHINGTON AV	WESTWOOD NORTHERN BLVD	26	787.72	AC	345	91	GOOD	Y	
HAM50663	GOBEL CT	GOBEL AV	TERM SW OF BRACKEN WOODS LN	23	278.61	AC	650	57	FAIR	Y	
HAM32139	GOETHE ST	MAIN ST	SYCAMORE ST	29	412.41	AC	650	93	GOOD	Y	
HAM38554	GOETHE ST	TERM NW OF GOETHE ST SPLIT	MAIN ST	28	713.09	AC	366	93	GOOD	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM32229	GOETZ AL	BLAND AL	WOODWARD ST	6	130.94		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM08676	GOETZ AL	E 12TH ST	GREAR AL	9	117.04		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM08630	GOETZ AL	E 13TH ST	BLAND AL	7	129.86		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM20308	GOETZ AL	E 14TH ST	ENON AL	7	130.17		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM20303	GOETZ AL	ENON AL	ORCHARD ST	7	118.06		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM08677	GOETZ AL	GREAR AL	E 13TH ST	9	119.96		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM20176	GOETZ AL	ORCHARD ST	PLOUGH AL	7	135.39		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM38495	GOETZ AL	PLOUGH AL	TERM N OF PLOUGH AL	7	64.42		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM39639	GOETZ AL	READING RD	TERM N OF READING RD	9	166.76	AC	650	95	GOOD	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM20322	GOETZ AL	WOODWARD ST	E 14TH ST	4	249.74		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM60392	GOLD ST	GOLD ST	TERM NE OF GOLD ST	24	19.82	AC	650	96	GOOD	Y	
HAM60391	GOLD ST	TERM SW OF PAUL ST	PAUL ST	24	23.26	AC	650	96	GOOD	Y	
HAM05357	GOLDEN AV	ASPASIA ST	WALLACE AV	31	200.27	AC	284	34	VERY POOR	Y	
HAM05448	GOLDEN AV	GOLDEN HOLLOW AV	ASPASIA ST	30	931.89	PCC	381	86	GOOD	Y	
HAM05418	GOLDEN AV	SENECA AV	GOLDEN HOLLOW AV	30	826.46	PCC	416	49	POOR	Y	
HAM38666	GOLDEN AV	TERM W OF SENECA AV	SENECA AV	18	627.73	AC	527	31	VERY POOR	Y	
HAM05415	GOLDEN AV	WALLACE AV	DELTA AV	31	880.57	AC	650	36	VERY POOR	Y	
HAM38660	GOLDEN HOLLOW AV	TERM N OF GOLDEN AV	GOLDEN AV	21	400.86	PCC	650	74	SATISFACTORY	Y	
HAM01804	GOLDENROD DR	BUTTERCUP LN	FOXGLOVE LN	25	368.14	AC	286	68	FAIR	Y	
HAM01828	GOLDENROD DR	COLERAIN AV	BUTTERCUP LN	24	311.54	AC	650	48	POOR	Y	
HAM01805	GOLDENROD DR	FOXGLOVE LN	LITTLE FLOWER AV	26	848.31	AC	288	65	FAIR	Y	
HAM37816	GOLDRUSH CT	TERM SE OF MUSTANG DR	MUSTANG DR	21	354.81	AC	343	71	SATISFACTORY	Y	
HAM33118	GOODMAN DR	VINE ST	EDEN AV	44	1217.48	AC	520	46	POOR	Y	
HAM05832	GOODMAN ST	HIGHLAND AV	BURNET AV	40	422.46	AC	650	69	FAIR	Y	
HAM11111	GOODRICH LN	HOME CITY AV	SAYLER AV	24	338.05	AC	405	77	SATISFACTORY	Y	
HAM37591	GOODRICH LN	SAYLER AV	TERM NE OF SAYLER AV	25	426.48	AC	428	79	SATISFACTORY	Y	
HAM21669	GOOSE AL	RUSS AL	GREEN ST	6	124.98		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BLOCKED BY GATE / BRICK
HAM08500	GOOSE AL	TERM S OF W ELDER ST	W ELDER ST	9	274.38	AC	650	84	SATISFACTORY	Y	ONE WAY
HAM21703	GOOSE AL	W 14TH ST	W 15TH ST	8	424.44		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BLOCKED BY GATE / BRICK
HAM21711	GOOSE AL	W 15TH ST	W LIBERTY ST	7	523.30		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM08499	GOOSE AL	W ELDER ST	FINDLAY ST	10	426.23		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BLOCKED BY GATE / BRICK
HAM55731	GOOSE AL	W LIBERTY ST	RUSS AL	6	365.59		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BLOCKED BY GATE
HAM07423	GORDON ST	COLERAIN AV	HANFIELD ST	24	383.76	AC	510	43	POOR	Y	
HAM07355	GORDON ST	HANFIELD ST	JESTER ST	24	225.15	AC	650	57	FAIR	Y	
HAM07388	GORDON ST	HOWLAND PL	PELL ST	31	122.02	AC	326	74	SATISFACTORY	Y	
HAM07349	GORDON ST	JESTER ST	CHASE AV	24	226.42	AC	650	48	POOR	Y	
HAM07399	GORHAM AL	FLORIDA AV	JUSTIN AL	9	123.94		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM07398	GORHAM AL	JUSTIN AL	GEORGIA AV	9	124.51		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM25985	GOSHEN AL	W 8TH ST	WEAVER AL	9	129.04		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM25984	GOSHEN AL	WEAVER AL	W 9TH ST	10	133.46		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM38414	GOSS RD	TERM W OF GLENWOOD AV	GLENWOOD AV	19	394.87	AC	650	94	GOOD	Y	
HAM35767	GOTHAM PL	TERM S OF RIVERSIDE DR	RIVERSIDE DR	12	133.28	AC	650	71	SATISFACTORY	Y	
HAM09033	GOVERNMENT PL	WALNUT ST	MAIN ST	17	463.15		-1	-1		N	BLOCKED BY GATE
HAM34301	GRACE AV	GRIEST AV	SPRINGER AV	36	360.36	AC	199	95	GOOD	Y	
HAM09823	GRACE AV	LINWOOD AV	UTOPIA PL	36	558.54	AC	650	94	GOOD	Y	
HAM09330	GRACE AV	OBSERVATORY AV	ERIE AV	37	597.15	AC	650	94	GOOD	Y	
HAM09315	GRACE AV	SPRINGER AV	OBSERVATORY AV	36	455.76	AC	540	95	GOOD	Y	
HAM09830	GRACE AV	UTOPIA PL	GRIEST AV	36	419.31	AC	233	95	GOOD	Y	
HAM12058	GRACELAND AV	LANGDON FARM RD	CINC|GOLFMN CORPLINE	24	209.21	AC	598	71	SATISFACTORY	Y	
HAM11066	GRACELY DR	CATALPA RD	TOPINABEE RD	32	474.15	AC	158	59	FAIR	Y	
HAM11070	GRACELY DR	CATALPA RD	CATALPA RD	32	171.40	AC	391	62	FAIR	Y	
HAM11090	GRACELY DR	CHEROKEE AV	LAURA LN	36	633.88	AC	285	45	POOR	Y	
HAM11092	GRACELY DR	ELCO ST	LURLINE PL	35	385.17	AC	251	45	POOR	Y	
HAM00250	GRACELY DR	HUEY AV	MERIDIAN ST	36	316.04	AC	170	48	POOR	Y	
HAM00215	GRACELY DR	IVANHOE AV	TWAIN AV	36	404.27	AC	279	63	FAIR	Y	
HAM35924	GRACELY DR	KIBBY LN	TERM NW OF KIBBY LN	37	296.49	AC	557	78	SATISFACTORY	Y	
HAM11722	GRACELY DR	KIRKWOOD LN	RIVER RD	36	213.15	AC	201	78	SATISFACTORY	Y	
HAM11093	GRACELY DR	LAURA LN	WILKINS SHORT RD	33	1556.94	AC	215	65	FAIR	Y	
HAM11182	GRACELY DR	LOWLAND RD	KIBBY LN	37	1246.93	AC	220	74	SATISFACTORY	Y	
HAM11091	GRACELY DR	LURLINE PL	CHEROKEE AV	35	376.76	AC	649	69	FAIR	Y	
HAM00198	GRACELY DR	MERIDIAN ST	REVERE AV	36	350.42	AC	217	63	FAIR	Y	
HAM00206	GRACELY DR	MONITOR AV	THELMA AV	35	415.71	AC	617	44	POOR	Y	
HAM11723	GRACELY DR	OVERCLIFF RD	KIRKWOOD LN	37	397.83	AC	320	55	POOR	Y	
HAM00252	GRACELY DR	REVERE AV	ZINN PL	36	699.95	AC	158	48	POOR	Y	
HAM00340	GRACELY DR	RIVER RD	WHIPPLE ST	24	776.85	AC	419	45	POOR	Y	
HAM11080	GRACELY DR	RIVER RD	WYNNE PL	36	452.35	AC	148	81	SATISFACTORY	Y	
HAM00199	GRACELY DR	THELMA AV	ELCO ST	36	378.20	AC	333	70	FAIR	Y	
HAM11724	GRACELY DR	TOPINABEE RD	OVERCLIFF RD	34	389.23	AC	272	56	FAIR	Y	
HAM00212	GRACELY DR	TWAIN AV	VERE AL	36	227.35	AC	650	70	FAIR	Y	
HAM00210	GRACELY DR	VERE AL	MONITOR AV	36	151.12	AC	650	64	FAIR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM00251	GRACELY DR	WHIPPLE ST	HUEY AV	28	520.55	AC	171	58	FAIR	Y	
HAM11075	GRACELY DR	WILKINS SHORT RD	CATALPA RD	32	769.57	AC	236	60	FAIR	Y	
HAM11721	GRACELY DR	WYNNE PL	LOWLAND RD	37	275.12	AC	348	71	SATISFACTORY	Y	
HAM00217	GRACELY DR	ZINN PL	IVANHOE AV	37	820.12	AC	144	57	FAIR	Y	
HAM15097	GRACEWOOD AV	FOX RD	VOGEL RD	25	945.63	AC	576	74	SATISFACTORY	Y	
HAM01915	GRAEBE AV	LORNA LN	JONTE AV	22	271.58	AC	650	95	GOOD	Y	
HAM39381	GRAEBE AV	TERM S OF LORNA LN	LORNA LN	16	133.61		-1	-1		N	PRIVATE DRIVEWAY
HAM16700	GRAF DR	RAINBOW LN	RAINBOW LN	25	1243.57	AC	308	83	SATISFACTORY	Y	
HAM35292	GRAFTON AV	DALE RD	PORTMAN AV	25	669.64	AC	300	75	SATISFACTORY	Y	
HAM20072	GRAHAM ST	ELYSIAN PL	PARK DR	27	269.36	AC	650	93	GOOD	Y	
HAM20021	GRAHAM ST	TERM E OF ELYSIAN PL	ELYSIAN PL	28	196.53	AC	650	85	SATISFACTORY	Y	UNCOLLECTED PORTION UNPAVED ROAD
HAM13118	GRANADA ST	ROANOKE ST	JAMESON ST	17	274.96	AC	650	35	VERY POOR	Y	
HAM13124	GRANADA ST	SETTLE ST	ROANOKE ST	13	144.79	AC	650	13	SERIOUS	Y	
HAM60619	GRAND AV	BASSETT RD	NONALY AV	30	313.51	AC	159	45	POOR	Y	
HAM02353	GRAND AV	BODLEY AV	PHILLIPS AV	34	471.39	AC	403	36	VERY POOR	Y	
HAM34440	GRAND AV	CITYSCAPE W DR	MURDOCK AV	24	456.95	AC	650	73	SATISFACTORY	Y	
HAM01905	GRAND AV	ESMONDE ST	WESTWOOD AV	37	273.96	PCC	650	61	FAIR	Y	
HAM02344	GRAND AV	GLENVIEW PL	W 8TH ST	36	547.85	AC	403	46	POOR	Y	
HAM02303	GRAND AV	GLENWAY AV	LEHMAN RD	35	717.29	AC	504	92	GOOD	Y	
HAM02296	GRAND AV	LEHMAN RD	W LIBERTY ST	34	283.64	AC	193	92	GOOD	Y	
HAM02367	GRAND AV	MARYLAND AV	WARSAW AV	36	138.41	AC	650	61	FAIR	Y	
HAM02319	GRAND AV	MICKEY AV	UTAH AV	35	626.43	AC	145	88	GOOD	Y	
HAM12957	GRAND AV	MURDOCK AV	BASSETT RD	36	1103.54	AC	354	53	POOR	Y	
HAM60620	GRAND AV	NONALY AV	BODLEY AV	30	401.76	AC	185	32	VERY POOR	Y	
HAM01662	GRAND AV	NORTHSIDE AV	ESMONDE ST	36	295.34	PCC	439	52	POOR	Y	
HAM02351	GRAND AV	PHILLIPS AV	GLENVIEW PL	37	197.00	AC	330	37	VERY POOR	Y	
HAM02370	GRAND AV	PRICE AV	MARYLAND AV	36	951.56	AC	432	60	FAIR	Y	
HAM02306	GRAND AV	RING PL	GLENWAY AV	36	630.01	AC	650	72	SATISFACTORY	Y	
HAM02293	GRAND AV	THERESA ST	MICKEY AV	34	209.39	AC	344	92	GOOD	Y	
HAM02320	GRAND AV	UTAH AV	NORTHSIDE AV	34	2278.14	AC	173	90	GOOD	Y	
HAM02341	GRAND AV	W 8TH ST	PRICE AV	36	419.13	AC	650	36	VERY POOR	Y	
HAM01996	GRAND AV	W LIBERTY ST	THERESA ST	36	428.00	AC	483	91	GOOD	Y	
HAM02056	GRAND AV	WARSAW AV	RING PL	34	592.98	AC	233	77	SATISFACTORY	Y	
HAM01903	GRAND AV	WESTWOOD AV	QUEEN CITY AV	37	365.43	PCC	650	84	SATISFACTORY	Y	
HAM09120	GRAND BEECH LN	GRANDIN RD	BEECHMONT AV	38	762.03	AC	507	65	FAIR	Y	
HAM11528	GRAND VISTA AV	ARROW AV	DRYDEN AV	24	292.55	AC	650	67	FAIR	Y	
HAM12842	GRAND VISTA AV	DRYDEN AV	MONTGOMERY RD	24	536.05	AC	481	45	POOR	Y	
HAM12840	GRAND VISTA AV	MONTGOMERY RD	PARKMAN PL	30	486.94	AC	404	82	SATISFACTORY	Y	
HAM12828	GRAND VISTA AV	ORION AV	ARROW AV	25	354.34	AC	650	72	SATISFACTORY	Y	
HAM38092	GRAND VISTA AV	PARKMAN PL	TERM N OF PARKMAN PL	25	3053.68	AC	224	82	SATISFACTORY	Y	
HAM12072	GRAND VISTA AV	WOODFORD RD	ORION AV	30	399.58	AC	650	36	VERY POOR	Y	
HAM57672	GRAND VISTA CT	TERM S OF KENWOOD RD	KENWOOD RD	30	506.83	AC	650	85	SATISFACTORY	Y	
HAM36141	GRANDIN HOLLOW LN	TERM S OF GRANDIN RD	GRANDIN RD	24	596.56	AC	650	78	SATISFACTORY	Y	
HAM14931	GRANDIN RD	AMBLESIDE PL	HILL AND HOLLOW LN	23	204.71	AC	284	47	POOR	Y	
HAM09162	GRANDIN RD	ATHENS AV	RUSHTON RD	39	404.74	AC	288	72	SATISFACTORY	Y	
HAM05748	GRANDIN RD	BREEN ST	CONVENT LN	24	545.96	AC	317	46	POOR	Y	
HAM09169	GRANDIN RD	CHARDONNAY RIDGE	REISLING KNOLL	26	140.07	AC	460	79	SATISFACTORY	Y	
HAM05743	GRANDIN RD	CONVENT LN	GRANDIN LN	28	764.39	AC	293	48	POOR	Y	
HAM14932	GRANDIN RD	CORBIN DR	GRANDIN HOLLOW LN	23	423.40	AC	650	41	POOR	Y	
HAM56005	GRANDIN RD	DELTA AV	GRANDIN RD	3	507.82		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM05737	GRANDIN RD	FREELAND AV	BREEN ST	34	220.39	AC	405	43	POOR	Y	
HAM38933	GRANDIN RD	GRAND BEECH LN	TERM SE OF GRAND BEECH LN	22	304.17	AC	650	87	GOOD	Y	
HAM14933	GRANDIN RD	GRANDIN GATE LN	ROOKWOOD DR	23	188.31	AC	243	46	POOR	Y	
HAM14934	GRANDIN RD	GRANDIN HOLLOW LN	GRANDIN GATE LN	23	124.84	AC	261	50	POOR	Y	
HAM05772	GRANDIN RD	GRANDIN LN	WEEBETOOK LN	23	319.75	AC	344	49	POOR	Y	
HAM62851	GRANDIN RD	GRANDIN VIEW DR	TERM OF PUBLIC	30	1106.02	AC	326	42	POOR	Y	
HAM05441	GRANDIN RD	HILL AND HOLLOW LN	EDWARDS RD	25	872.56	AC	261	48	POOR	Y	
HAM05735	GRANDIN RD	MADISON RD	FREELAND AV	34	225.11	AC	650	75	SATISFACTORY	Y	
HAM09161	GRANDIN RD	MISSOURI AV	STANLEY AV	34	964.84	AC	490	61	FAIR	Y	
HAM09164	GRANDIN RD	OVERLAND AV	MISSOURI AV	39	217.35	AC	214	77	SATISFACTORY	Y	
HAM14927	GRANDIN RD	ROOKWOOD DR	AMBLESIDE PL	24	277.35	AC	294	41	POOR	Y	
HAM09163	GRANDIN RD	RUSHTON RD	OVERLAND AV	40	123.32	AC	235	51	POOR	Y	
HAM09168	GRANDIN RD	STANLEY AV	CHARDONNAY RIDGE	25	188.97	AC	650	92	GOOD	Y	
HAM09101	GRANDIN RD	TUSCANY PL	GRAND BEECH LN	19	649.52	AC	248	86	GOOD	Y	
HAM05774	GRANDIN RD	WEEBETOOK LN	CORBIN DR	23	1251.65	AC	283	48	POOR	Y	
HAM05442	GRANDIN RIDGE DR	LOWER GRANDIN RD	ALPINE TER	24	1172.12	AC	481	73	SATISFACTORY	Y	
HAM62855	GRANDIN VIEW DR	GRANDIN VIEW LN	GRANDIN RD	24	423.34	AC	631	93	GOOD	Y	
HAM62856	GRANDIN VIEW DR	TERM SW OF GRANDIN VIEW LN	GRANDIN VIEW LN	24	323.57	AC	650	95	GOOD	Y	
HAM62854	GRANDIN VIEW LN	TERM S OF GRANDIN VIEW DR	GRANDIN VIEW DR	24	526.91	AC	650	81	SATISFACTORY	Y	
HAM05563	GRANDVIEW AV	FLEMING ST	E MCMILLAN ST	23	450.84	AC	541	34	VERY POOR	Y	
HAM39436	GRANDVIEW AV	TERM S OF FLEMING ST	FLEMING ST	23	630.26	AC	521	44	POOR	Y	
HAM07662	GRANITE AL	CEDAR AL	FAIRPARK AV	15	193.31	AC	650	85	SATISFACTORY	Y	
HAM27056	GRANITE AL	MARKET PL	LONGVIEW ST	10	162.07	AC	650	84	SATISFACTORY	Y	
HAM37088	GRANITE AL	TERM NW OF MARKET PL	MARKET PL	10	123.23		-1	-1		N	PRIVATE PROPERTY
HAM07664	GRANITE AL	VINE ST	CEDAR AL	15	192.23	AC	650	78	SATISFACTORY	Y	
HAM07691	GRANITE AL	VINE ST	POPLAR LN	15	193.54	AC	650	18	SERIOUS	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM25762	GRANT ST	ELM ST	EMERSON AL	23	139.90	AC	572	95	GOOD	Y	
HAM30660	GRANT ST	EMERSON AL	CENTRAL PKWY	23	292.52	AC	650	95	GOOD	Y	
HAM26439	GRANTWOOD AV	WOODBURN AV	GREENLAWN AV	24	515.03	AC	650	42	POOR	Y	
HAM39051	GRANVILLE LN	BRUSHWOOD AV	TERM N OF BRUSHWOOD AV	26	407.66	AC	535	67	FAIR	Y	
HAM02802	GRASSELLI AV	HOLLENSHADE AV	HARRISON AV	29	632.04	AC	626	40	VERY POOR	Y	
HAM38752	GRASSELLI AV	TERM S OF HOLLENSHADE AV	HOLLENSHADE AV	29	118.68	AC	650	40	VERY POOR	Y	
HAM02247	GRAY RD	WINTON RD	GROESBECK RD	22	5910.43	AC	139	79	SATISFACTORY	Y	
HAM07764	GRAYDON AV	HEWITT AV	HURON AV	37	604.45	AC	650	71	SATISFACTORY	Y	
HAM02271	GRAYVIEW CT	PEARTON CT	ARGUS RD	25	297.03	AC	435	55	POOR	Y	
HAM38001	GRAYVIEW CT	TERM E OF PEARTON CT	PEARTON CT	25	291.36	AC	534	56	FAIR	Y	
HAM09925	GREAR AL	BUNKER AL	BROADWAY	7	115.24		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM08622	GREAR AL	COGSWELL AL	SYCAMORE ST	10	129.70		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM08623	GREAR AL	GOETZ AL	COGSWELL AL	7	201.49		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM09034	GREAR AL	MAIN ST	GOETZ AL	8	128.58		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM41005	GREAR AL	SYCAMORE ST	VON SEGGERN AL	7	128.97		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM41006	GREAR AL	VON SEGGERN AL	BUNKER AL	7	245.34		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM37150	GREEN GLEN LN	ASHBROOK DR	NW TERM	25	608.16	AC	436	95	GOOD	Y	
HAM05804	GREEN HILL AV	GREENDALE AV	JUERGENS AV	31	306.87	AC	283	37	VERY POOR	Y	
HAM00020	GREEN HILLS RD	EDWARDS RD	TERM E OF EDWARDS RD	16	461.92	AC	650	55	POOR	Y	
HAM08437	GREEN ST	CAMPBELL ST	LOGAN ST	24	140.74	AC	650	72	SATISFACTORY	Y	
HAM08385	GREEN ST	CLYMER AL	ELM ST	28	133.61	AC	650	93	GOOD	Y	ONE WAY
HAM30647	GREEN ST	ELM ST	CAMPBELL ST	24	155.03	AC	650	80	SATISFACTORY	Y	
HAM08537	GREEN ST	GOOSE AL	RACE ST	31	152.82	AC	468	57	FAIR	Y	ONE WAY
HAM08513	GREEN ST	PLEASANT ST	CLYMER AL	29	102.07	AC	229	95	GOOD	Y	ONE WAY
HAM08540	GREEN ST	RACE ST	PLEASANT ST	31	235.44	AC	489	95	GOOD	Y	ONE WAY
HAM08512	GREEN ST	REPUBLIC ST	GOOSE AL	30	140.98	AC	402	48	POOR	Y	ONE WAY
HAM08511	GREEN ST	VINE ST	REPUBLIC ST	31	176.80	AC	650	56	FAIR	Y	ONE WAY
HAM19535	GREENBRIAR PL	BROOKCREST DR	EASTLAWN DR	24	902.51	AC	391	66	FAIR	Y	
HAM05930	GREENDALE AV	GREEN HILL AV	CLIFTON AV	31	1140.93	AC	593	41	POOR	Y	
HAM57653	GREENDALE AV	VINE ST	TERM NW OF VINE ST	30	166.67	AC	650	38	VERY POOR	Y	
HAM60495	GREENHOUSE LN	MARBURG AV	TERM E OF	26	148.65	AC	579	70	FAIR	Y	
HAM30291	GREENLAND PL	CREST HILL AV	HARTLAND DR	24	1297.24	AC	232	77	SATISFACTORY	Y	
HAM36693	GREENLAND PL	HARTLAND DR	TERM N OF HARTLAND DR	24	500.22	AC	321	64	FAIR	Y	
HAM00043	GREENLAND PL	MIRAMAR CT	SUMMIT RD	24	320.67	AC	440	80	SATISFACTORY	Y	
HAM19552	GREENLAND PL	NORTHWOOD DR	MIRAMAR CT	24	896.22	AC	229	75	SATISFACTORY	Y	
HAM19517	GREENLAND PL	SECTION RD	NORTHWOOD DR	21	349.80	AC	650	70	FAIR	Y	
HAM07811	GREENLAND PL	SUMMIT RD	CREST HILL AV	24	945.51	AC	329	83	SATISFACTORY	Y	
HAM26405	GREENLAWN AV	CLAREWOOD AV	GRANTWOOD AV	26	195.18	AC	650	47	POOR	Y	
HAM26409	GREENLAWN AV	DAUNER AV	CLAREWOOD AV	25	202.89	AC	650	41	POOR	Y	
HAM26401	GREENLAWN AV	GRANTWOOD AV	JONATHAN AV	26	204.00	AC	650	53	POOR	Y	
HAM39697	GREENVIEW PL	READING RD	TERM E OF READING RD	24	404.31	AC	533	66	FAIR	Y	
HAM02244	GREENWICH AV	RIDGEVIEW AV	RAPID RUN RD	24	476.71	AC	605	69	FAIR	Y	
HAM03346	GREENWICH AV	W 8TH ST	RIDGEVIEW AV	24	349.85	AC	650	75	SATISFACTORY	Y	
HAM12811	GREENWOOD AV	S FRED SHUTTLESWORTH CIR	BURTON AV	37	1863.60	AC	356	83	SATISFACTORY	Y	
HAM11208	GREENWOOD AV	WASHINGTON AV	S FRED SHUTTLESWORTH CIR	35	743.34	AC	585	78	SATISFACTORY	Y	
HAM14470	GREENWOOD TER	MORSE ST	HUTTON ST	11	588.14	AC	650	26	VERY POOR	Y	
HAM35755	GREGORY LN	ANNWOOD ST	TERM NE OF ANNWOOD ST	24	623.64	AC	562	87	GOOD	Y	
HAM06469	GREGSON PL	EDWARDS RD	MICHIGAN AV	11	463.52	PCC	650	56	FAIR	Y	ONE WAY
HAM07313	GREY AL	KNOWLTON ST	MEDILL AL	7	156.69		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM07296	GREY AL	LINGO ST	POPE AL	6	156.00		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM07307	GREY AL	MEDILL AL	LINGO ST	7	161.59		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM09348	GRIEST AV	CORBETT ST	DELTA AV	30	205.58	AC	650	71	SATISFACTORY	Y	
HAM09349	GRIEST AV	DELTA AV	ISIS AV	24	343.77	AC	650	85	SATISFACTORY	Y	
HAM09829	GRIEST AV	GRACE AV	INGLENOOK PL	30	676.50	AC	383	74	SATISFACTORY	Y	
HAM09346	GRIEST AV	HALPIN AV	CORBETT ST	30	252.89	AC	400	80	SATISFACTORY	Y	
HAM09363	GRIEST AV	HIDDEN WOOD PL	PARKRIDGE PL	24	134.90	AC	253	86	GOOD	Y	
HAM09344	GRIEST AV	INGLENOOK PL	KILGOUR LN	31	160.31	AC	194	71	SATISFACTORY	Y	
HAM33769	GRIEST AV	ISIS AV	HIDDEN WOOD PL	23	266.98	AC	215	75	SATISFACTORY	Y	
HAM09345	GRIEST AV	KILGOUR LN	HALPIN AV	31	197.28	AC	556	59	FAIR	Y	
HAM09828	GRIEST AV	MEIER AV	GRACE AV	19	329.09	AC	650	46	POOR	Y	
HAM09352	GRIEST AV	PARKRIDGE PL	SUNCREST DR	24	260.08	AC	213	85	SATISFACTORY	Y	
HAM09826	GRIEST AV	PAXTON AV	MEIER AV	20	255.55	AC	650	78	SATISFACTORY	Y	
HAM09361	GRIEST AV	SUNCREST DR	TERM E OF SUNCREST DR	23	71.87	AC	650	88	GOOD	Y	
HAM36764	GRIFFIN DR	SECTION RD	TERM N OF SECTION RD	21	241.74	AC	565	54	POOR	Y	
HAM17401	GRIFFITHS AV	EDWARDS RD	MICHIGAN AV	29	453.26	AC	650	47	POOR	Y	
HAM17399	GRIFFITHS AV	MICHIGAN AV	SHAW AV	29	452.28	AC	650	50	POOR	Y	
HAM32065	GRIGG AV	CLAYLAND ST	VISTA AV	26	157.46	AC	650	81	SATISFACTORY	Y	
HAM17444	GRIGG AV	DUCK CREEK RD TO DANA AV RAMP	TAMARACK AV	24	281.96	AC	413	35	VERY POOR	Y	
HAM38833	GRISCHY LN	TERM W OF VANDYKE DR	VANDYKE DR	18	295.98	AC	650	45	POOR	Y	
HAM02521	GROESBECK RD	ARGUS RD	REDCEDAR DR	26	263.90	PCC	254	87	GOOD	Y	
HAM01958	GROESBECK RD	EAST WY	KENNETH AV	28	179.08	PCC	371	82	SATISFACTORY	Y	
HAM01960	GROESBECK RD	FOLCHI DR	EAST WY	26	185.58	PCC	242	78	SATISFACTORY	Y	
HAM12966	GROESBECK RD	GRAY RD	KIEFER CT	27	2862.00	AC	161	90	GOOD	Y	
HAM01956	GROESBECK RD	KENNETH AV	ST ELMO AV	25	327.11	PCC	308	57	FAIR	Y	
HAM02523	GROESBECK RD	KIEFER CT	PEARTON CT	20	290.90	AC	155	55	POOR	Y	
HAM02519	GROESBECK RD	LANTANA AV	HAMILTON AV	26	965.51	PCC	437	96	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM02522	GROESBECK RD	PEARTON CT	ARGUS RD	22	300.02	AC	277	69	FAIR	Y	
HAM01962	GROESBECK RD	REDCEDAR DR	FOLCHI DR	26	709.32	PCC	288	91	GOOD	Y	
HAM02520	GROESBECK RD	ST ELMO AV	LANTANA AV	26	333.65	PCC	350	75	SATISFACTORY	Y	
HAM38593	GROGAN AL	TERM S OF LUDLOW PL	LUDLOW PL	9	171.37		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM10282	GROVE AV	CINC|COLUTP|MARMNT CORPLINE	PALMETTO ST	22	152.00	AC	650	50	POOR	Y	
HAM10275	GROVE AV	PALMETTO ST	BRITTON AV	25	271.55	AC	490	42	POOR	Y	
HAM08167	GROVE ST	LIDDELL ST	LINDEN ST	31	251.68	AC	650	95	GOOD	Y	
HAM19773	GROVEDALE PL	DOWNING DR	MARLINGTON AV	24	778.73	AC	305	63	FAIR	Y	
HAM19735	GROVEDALE PL	KENDALL AV	SIGSBEE ST	17	952.53	AC	501	29	VERY POOR	Y	
HAM19798	GROVEDALE PL	SIGSBEE ST	DOWNING DR	28	315.34	AC	387	95	GOOD	Y	
HAM39699	GROVER AV	PORTMAN AV	TERM N OF PORTMAN AV	19	224.77	PCC	650	42	POOR	Y	
HAM33727	GROVER HILL AV	MONTGOMERY RD	MOORHEAD ST	24	338.58	AC	378	47	POOR	Y	
HAM33728	GROVER HILL AV	MOORHEAD ST	ATTICA AV	24	313.89	AC	620	36	VERY POOR	Y	
HAM32351	GUERLEY RD	DUNHAM WY	TUXWORTH AV	26	4225.42	AC	221	70	FAIR	Y	
HAM01777	GUERLEY RD	KELLYWOOD AV	GLENWAY AV	44	297.74	AC	650	59	FAIR	Y	
HAM32350	GUERLEY RD	SUNSET AV	DUNHAM WY	39	547.44	AC	515	45	POOR	Y	
HAM01778	GUERLEY RD	TUXWORTH AV	KELLYWOOD AV	36	256.44	AC	360	48	POOR	Y	
HAM39641	GUIDO ST	TERM S OF PAVILION ST	PAVILION ST	17	265.13	AC	650	45	POOR	Y	
HAM07249	GULOW ST	HOFFNER ST	VANDALIA AV	23	422.80	AC	479	95	GOOD	Y	
HAM00183	GWINNET RD	GARDENVIEW LN	WINTON RIDGE LN	37	860.72	AC	143	84	SATISFACTORY	Y	
HAM00185	GWINNET RD	WINNESTE AV	WINTONVIEW PL	36	755.46	AC	307	87	GOOD	Y	
HAM00184	GWINNET RD	WINTONVIEW PL	GARDENVIEW LN	36	197.94	AC	117	87	GOOD	Y	
HAM50723	HACKBERRY ST	CLAYTON ST	MADISON RD	24	519.16	AC	390	76	SATISFACTORY	Y	ONE WAY
HAM32095	HACKBERRY ST	DESALES LN	DEXTER AV	30	819.62	AC	302	94	GOOD	Y	
HAM21607	HACKBERRY ST	DEXTER AV	FAIRFAX AV	30	573.00	AC	454	67	FAIR	Y	
HAM31614	HACKBERRY ST	E MCMILLAN ST	GRANDMERE LN	30	288.29	AC	246	91	GOOD	Y	ONE WAY
HAM26251	HACKBERRY ST	FAIRFAX AV	KINNEY AV	30	367.80	AC	525	73	SATISFACTORY	Y	
HAM21532	HACKBERRY ST	FERNWOOD ST	DESALES LN	29	398.02	AC	339	95	GOOD	Y	
HAM31615	HACKBERRY ST	GRANDMERE LN	WILLIAM H TAFT RD	30	568.10	AC	410	88	GOOD	Y	ONE WAY
HAM26252	HACKBERRY ST	HEWITT AV	HOLLOWAY AV	31	513.37	AC	650	56	FAIR	Y	
HAM26254	HACKBERRY ST	KINNEY AV	HEWITT AV	30	365.50	AC	650	51	POOR	Y	
HAM21538	HACKBERRY ST	MADISON RD	FERNWOOD ST	29	330.80	AC	650	83	SATISFACTORY	Y	
HAM50722	HACKBERRY ST	POMONA CT	CLAYTON ST	25	78.87	AC	497	78	SATISFACTORY	Y	ONE WAY
HAM05919	HACKBERRY ST	WILLIAM H TAFT RD	POMONA CT	26	418.60	AC	535	77	SATISFACTORY	Y	ONE WAY
HAM40478	HAFER AL	OAKDALE AV	OBERLIN AV	9	529.11	AC	650	60	FAIR	Y	UNCOLLECTED PORTION TOO NARROW FOR VAN ACCESS
HAM12458	HAFER AL	OBERLIN AV	MATLOCK AV	30	519.80	AC	650	72	SATISFACTORY	Y	
HAM40520	HAFER AL	PADDOCK RD	OAKDALE AV	8	550.86	AC	650	82	SATISFACTORY	Y	UNCOLLECTED PORTION TOO NARROW FOR VAN ACCESS
HAM02886	HAIGHT AV	ADDINGHAM PL	BRUCE AV	30	284.45	AC	292	100	GOOD	Y	
HAM02878	HAIGHT AV	BRUCE AV	HAMILTON AV	22	1319.23	AC	358	100	GOOD	Y	
HAM02889	HAIGHT AV	DONALDSON PL	ADDINGHAM PL	30	229.24	AC	212	100	GOOD	Y	
HAM07454	HAIGHT AV	PULLAN AV	DONALDSON PL	30	297.32	AC	463	100	GOOD	Y	
HAM54425	HALE AV	HALLWOOD PL	WOLSELEY LN	28	147.67	AC	365	36	VERY POOR	Y	
HAM05872	HALE AV	HARVEY AV	HALLWOOD PL	29	458.65	AC	650	35	VERY POOR	Y	
HAM54426	HALE AV	WOLSELEY LN	READING RD	28	723.88	AC	531	42	POOR	Y	
HAM06746	HALEY AV	SETTLE ST	BLANEY AV	24	771.40	AC	554	93	GOOD	Y	
HAM35821	HALEY AV	TERM W OF SETTLE ST	SETTLE ST	17	347.07	AC	650	87	GOOD	Y	
HAM25544	HALLMAR AV	CENTRAL PKWY	W MCMICKEN AV	36	395.86	AC	500	57	FAIR	Y	ONE WAY
HAM05840	HALLWOOD PL	HALE AV	MAPLE AV	25	836.84	AC	523	40	VERY POOR	Y	
HAM33734	HALPIN AV	LINWOOD AV	WILLIS AV	29	389.95	AC	650	47	POOR	Y	
HAM09357	HALPIN AV	NILES ST	GRIEST AV	30	610.35	AC	606	73	SATISFACTORY	Y	
HAM09272	HALPIN AV	WILLIS AV	NILES ST	30	400.38	AC	390	70	FAIR	Y	
HAM16933	HALSEY AV	FAIRBANKS AV	FERNLAND AV	15	605.55	AC	650	35	VERY POOR	Y	
HAM38947	HALSEY AV	TERM SE OF FAIRBANKS AV	FAIRBANKS AV	17	453.17	AC	650	56	FAIR	Y	
HAM25627	HALSTEAD ST	ADDISON ST	MCNALLY ST	30	238.58	AC	385	93	GOOD	Y	
HAM25628	HALSTEAD ST	ELIZA ST	ADDISON ST	29	97.62	AC	442	95	GOOD	Y	
HAM19974	HALSTEAD ST	KOTTMAN ST	STRAIGHT ST	23	306.51	AC	333	95	GOOD	Y	
HAM19975	HALSTEAD ST	KOTTMAN ST	KOTTMAN ST	24	131.00	AC	360	95	GOOD	Y	
HAM19976	HALSTEAD ST	MCNALLY ST	KOTTMAN ST	24	187.72	AC	398	93	GOOD	Y	
HAM27348	HALSTEAD ST	RUSH ST	UNNAMED AL	30	305.58	AC	650	95	GOOD	Y	
HAM25624	HALSTEAD ST	UNNAMED AL	ELIZA ST	29	210.42	AC	349	95	GOOD	Y	
HAM08355	HAMBURG ST	MOHAWK ST	PECK AL	30	118.49	AC	650	86	GOOD	Y	
HAM08267	HAMBURG ST	PECK AL	RENNER ST	29	112.03	AC	650	80	SATISFACTORY	Y	
HAM08356	HAMBURG ST	W MCMICKEN AV	MOHAWK ST	30	173.00	AC	650	60	FAIR	Y	
HAM08459	HAMER ST	BACK ST	E MCMICKEN AV	17	163.39	AC	650	42	POOR	Y	ONE WAY
HAM08462	HAMER ST	FOLTZ AL	GLANKER ST	17	178.44	AC	178	73	SATISFACTORY	Y	ONE WAY
HAM08478	HAMER ST	GLANKER ST	SPECHT AL	17	92.27	AC	447	76	SATISFACTORY	Y	ONE WAY
HAM08465	HAMER ST	HUBERT ST	FOLTZ AL	17	156.52	AC	331	85	SATISFACTORY	Y	ONE WAY
HAM08504	HAMER ST	SCHEDEL AL	BACK ST	17	98.37	AC	461	94	GOOD	Y	ONE WAY
HAM08503	HAMER ST	SPECHT AL	SCHEDEL AL	17	93.66	AC	463	84	SATISFACTORY	Y	ONE WAY
HAM18893	HAMILTON AV	AMBROSE AV	ELKTON PL	40	247.95	AC	170	69	FAIR	Y	
HAM18921	HAMILTON AV	ASHTREE DR	ROCKFORD PL	41	339.92	AC	222	90	GOOD	Y	
HAM18929	HAMILTON AV	ASTER PL	LARMON CT	41	325.06	AC	170	72	SATISFACTORY	Y	
HAM18931	HAMILTON AV	BELMONT AV	ASTER PL	43	478.88	AC	252	34	VERY POOR	Y	
HAM18895	HAMILTON AV	BIRCHWOOD AV	LARRY AV	45	142.84	AC	469	53	POOR	Y	
HAM19076	HAMILTON AV	BLUE ROCK ST	PALM AV	39	302.47	AC	419	89	GOOD	Y	
HAM18942	HAMILTON AV	BRUCE AV	S ARGYLE AV	40	307.54	AC	487	95	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM18891	HAMILTON AV	CEDAR AV	MARLOWE AV	40	462.65	AC	124	88	GOOD	Y	
HAM19068	HAMILTON AV	CHASE AV	HOBART AV	42	147.73	AC	277	93	GOOD	Y	
HAM54255	HAMILTON AV	CINC|NCOLHL CORPLINE	TREMONT LN	45	173.38	AC	335	56	FAIR	Y	
HAM19077	HAMILTON AV	COSBY ST	BLUE ROCK ST	39	342.69	AC	248	95	GOOD	Y	
HAM18903	HAMILTON AV	ELKTON PL	W NORTH BEND RD	44	427.29	AC	421	50	POOR	Y	
HAM18920	HAMILTON AV	FREDERICK AV	OTTE AV	42	545.70	AC	250	88	GOOD	Y	
HAM18944	HAMILTON AV	GLEN PARKER AV	FREDERICK AV	41	556.86	AC	211	94	GOOD	Y	
HAM18926	HAMILTON AV	GROESBECK RD	LLANFAIR AV	50	549.75	AC	239	53	POOR	Y	
HAM19080	HAMILTON AV	HOBART AV	PULLAN AV	39	677.09	AC	170	89	GOOD	Y	
HAM54254	HAMILTON AV	HOLLYWOOD AV	CINC|NCOLHL CORPLINE	45	180.19	AC	285	46	POOR	Y	
HAM19072	HAMILTON AV	KNOWLTON ST	MEDILL AL	37	109.06	AC	254	93	GOOD	Y	
HAM18927	HAMILTON AV	LARCH AV	GROESBECK RD	46	247.86	AC	223	53	POOR	Y	
HAM18928	HAMILTON AV	LARMON CT	LARCH AV	41	549.02	AC	261	35	VERY POOR	Y	
HAM19198	HAMILTON AV	LARRY AV	HOLLYWOOD AV	44	361.90	AC	296	40	VERY POOR	Y	
HAM19070	HAMILTON AV	LINGO ST	POPE AL	39	169.17	AC	193	95	GOOD	Y	
HAM18945	HAMILTON AV	LLANFAIR AV	CEDAR AV	46	735.43	AC	173	59	FAIR	Y	
HAM18894	HAMILTON AV	MARLOWE AV	AMBROSE AV	41	393.42	AC	195	55	POOR	Y	
HAM19071	HAMILTON AV	MEDILL AL	LINGO ST	38	171.60	AC	192	95	GOOD	Y	
HAM18939	HAMILTON AV	N ARGYLE AV	GLEN PARKER AV	41	280.50	AC	255	95	GOOD	Y	
HAM18899	HAMILTON AV	N DIXON CIR	WITTEKIND TER	44	314.59	AC	278	59	FAIR	Y	
HAM18919	HAMILTON AV	OTTE AV	ROBINSON CIR	41	315.84	AC	213	93	GOOD	Y	
HAM19074	HAMILTON AV	PALM AV	KNOWLTON ST	39	165.78	AC	235	68	FAIR	Y	
HAM19069	HAMILTON AV	POPE AL	CHASE AV	39	179.42	AC	183	93	GOOD	Y	
HAM19081	HAMILTON AV	PULLAN AV	WESTMORELAND AV	39	434.69	AC	190	95	GOOD	Y	
HAM31984	HAMILTON AV	ROBINSON CIR	SPRINGLAWN AV	41	874.96	AC	206	89	GOOD	Y	
HAM18925	HAMILTON AV	ROCKFORD PL	SOUTHRIDGE LN	42	3139.96	AC	185	80	SATISFACTORY	Y	
HAM18941	HAMILTON AV	S ARGYLE AV	N ARGYLE AV	41	489.70	AC	202	95	GOOD	Y	
HAM18900	HAMILTON AV	S DIXON CIR	N DIXON CIR	43	243.99	AC	304	48	POOR	Y	
HAM18924	HAMILTON AV	SAXON AV	ASHTREE DR	40	711.60	AC	205	93	GOOD	Y	
HAM31993	HAMILTON AV	SOUTHRIDGE LN	BELMONT AV	52	1014.10	AC	209	81	SATISFACTORY	Y	
HAM34102	HAMILTON AV	SPRING GROVE AV	COSBY ST	39	292.11	AC	650	91	GOOD	Y	
HAM18922	HAMILTON AV	SPRINGLAWN AV	SAXON AV	41	352.82	AC	162	95	GOOD	Y	
HAM18896	HAMILTON AV	TEAKWOOD AV	BIRCHWOOD AV	44	223.53	AC	273	41	POOR	Y	
HAM18902	HAMILTON AV	W NORTH BEND RD	WITTLOU AV	45	486.89	AC	314	48	POOR	Y	
HAM18943	HAMILTON AV	WESTMORELAND AV	BRUCE AV	41	317.87	AC	236	95	GOOD	Y	
HAM18898	HAMILTON AV	WITTEKIND TER	TEAKWOOD AV	43	304.13	AC	261	45	POOR	Y	
HAM18901	HAMILTON AV	WITTLOU AV	S DIXON CIR	44	129.63	AC	197	53	POOR	Y	
HAM55669	HAMILTON COUNTY DR	DEARING WY	W GALBRAITH RD	27	748.33	AC	505	47	POOR	Y	
HAM53932	HAMILTON COUNTY DR	RIDGEWAY RD	CINC|SPRGTP CORPLINE	21	199.09	AC	650	40	VERY POOR	Y	
HAM53933	HAMILTON COUNTY DR	TERM S OF	DEARING WY	24	778.66	AC	242	58	FAIR	Y	
HAM12023	HAMMEL AV	LANGDON FARM RD	CINC|GOLFMN CORPLINE	24	221.77	AC	530	63	FAIR	Y	
HAM33857	HAMMOND AL	E 3RD ST	HAMMOND ST	24	170.02	PCC	650	54	POOR	Y	
HAM26077	HAMMOND ST	HAMMOND AL	SYCAMORE ST	17	243.05	PCC	650	68	FAIR	Y	
HAM33858	HAMMOND ST	MAIN ST	HAMMOND AL	17	250.81	AC	650	77	SATISFACTORY	Y	
HAM06442	HAMPSHIRE AV	EDWARDS RD	MICHIGAN AV	31	461.32	AC	650	65	FAIR	Y	
HAM00106	HAND AV	DOBERRER AV	WINTON RD	32	724.64	AC	301	95	GOOD	Y	
HAM00107	HAND AV	NORTH EDGEWOOD AV	DOBERRER AV	25	366.47	AC	306	95	GOOD	Y	
HAM06454	HANDASYDE CT	MENLO AV	HANDASYDE AV	23	553.27	AC	650	86	GOOD	Y	
HAM09083	HANDMAN AV	HOGE ST	MCDOWELL ST	36	592.18	AC	589	47	POOR	Y	
HAM09143	HANDMAN AV	MCDOWELL ST	STRAFER ST	34	542.07	AC	582	56	FAIR	Y	
HAM09107	HANDMAN AV	STRAFER ST	STANLEY AV	35	436.12	AC	593	52	POOR	Y	
HAM06232	HANEY ST	KENWOOD AV	ROHDE AV	12	433.24	AC	379	87	GOOD	Y	
HAM07409	HANFIELD ST	FLORIDA AV	GEORGIA AV	37	248.24	AC	182	64	FAIR	Y	
HAM07406	HANFIELD ST	GEORGIA AV	JEROME AV	37	254.30	AC	183	35	VERY POOR	Y	
HAM07417	HANFIELD ST	GORDON ST	KIRBY AV	36	253.42	AC	384	95	GOOD	Y	
HAM07403	HANFIELD ST	JEROME AV	TERM W OF JEROME AV	34	176.12	AC	650	40	VERY POOR	Y	
HAM07413	HANFIELD ST	KIRBY AV	FLORIDA AV	37	304.10	AC	417	59	FAIR	Y	
HAM07422	HANFIELD ST	LAKEMAN ST	WITLER ST	36	240.36	AC	366	73	SATISFACTORY	Y	
HAM07419	HANFIELD ST	PITTS AV	GORDON ST	36	378.94	AC	179	59	FAIR	Y	
HAM07421	HANFIELD ST	WITLER ST	PITTS AV	37	236.43	AC	206	59	FAIR	Y	
HAM38974	HANNA AV	CORAL PARK DR	TERM W OF CORAL PARK DR	25	672.57	AC	650	78	SATISFACTORY	Y	
HAM15329	HANNA AV	GLENMORE AV	ROOSEVELT AV	25	931.30	AC	344	84	SATISFACTORY	Y	
HAM21769	HANNA AV	MAYRIDGE CT	PICKBURY DR	23	1039.71	AC	278	80	SATISFACTORY	Y	
HAM15328	HANNA AV	PICKBURY DR	GLENMORE AV	24	272.38	AC	650	85	SATISFACTORY	Y	
HAM36189	HANNA AV	ROOSEVELT AV	TERM W OF ROOSEVELT AV	24	173.68	AC	533	81	SATISFACTORY	Y	
HAM20240	HANOVER ST	BLAND AL	WOODWARD ST	18	131.60	AC	442	95	GOOD	Y	ONE WAY
HAM20239	HANOVER ST	E 13TH ST	BLAND AL	18	128.02	AC	650	93	GOOD	Y	ONE WAY
HAM34999	HANSFORD PL	BICKEL AV	HARRISON AV	25	529.58	AC	332	80	SATISFACTORY	Y	
HAM39375	HANSFORD PL	TERM S OF BICKEL AV	BICKEL AV	25	298.11	AC	650	84	SATISFACTORY	Y	
HAM00858	HARBESON AV	ASPEN WY	MEIS AV	27	282.14	AC	264	18	SERIOUS	Y	
HAM00861	HARBESON AV	CARY AV	HEITZLER AV	28	290.54	AC	258	29	VERY POOR	Y	
HAM00862	HARBESON AV	HAMILTON AV	CARY AV	24	596.88	AC	650	45	POOR	Y	
HAM00860	HARBESON AV	HEITZLER AV	ASPEN WY	27	269.20	AC	266	36	VERY POOR	Y	
HAM00895	HARBESON AV	MEIS AV	SAVANNAH AV	29	292.17	AC	425	34	VERY POOR	Y	
HAM09279	HARDISTY AV	DELTA AV	JERRY LN	24	1321.08	AC	650	69	FAIR	Y	
HAM37148	HARDWICK DR	ASHBROOK DR	TERM NW OF ASHBROOK DR	24	1016.11	AC	451	51	POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM38686	HARKNESS ST	TERM S OF YOAST AV	YOAST AV	19	552.63	AC	650	80	SATISFACTORY	Y	
HAM38688	HARKNESS ST	YOAST AV	N TERM OF PUBLIC SEGMENT	15	778.41	AC	341	90	GOOD	Y	
HAM27252	HAROLD AL	RALSTON AV	MILLCREEK RD	12	267.14	AC	650	34	VERY POOR	Y	
HAM11801	HARRIET ST	SLOO ST	W 6TH ST	35	156.95	AC	259	82	SATISFACTORY	Y	
HAM09757	HARRIET ST	W 6TH ST	HARRIET ST TO RIVER RD RAMP	22	206.82	AC	363	93	GOOD	Y	
HAM09759	HARRIET ST	W MEHRING WY	SLOO ST	37	193.67	AC	500	86	GOOD	Y	
HAM03307	HARRIS AV	W 8TH ST	ST LAWRENCE AV	30	1129.91	AC	650	41	POOR	Y	
HAM08131	HARRISON AV	ADLER ST	MONTROSE ST	44	218.32	AC	233	50	POOR	Y	
HAM03075	HARRISON AV	BAKER AV	TALBOTT AV	46	290.89	AC	160	76	SATISFACTORY	Y	
HAM11829	HARRISON AV	BIEGLER ST	FAIRMOUNT AV	44	876.74	AC	367	87	GOOD	Y	
HAM03080	HARRISON AV	BRACKEN WOODS LN	GRASSELLI AV	39	175.11	AC	289	47	POOR	Y	
HAM38490	HARRISON AV	BUCK ST	TERM W OF BUCK ST	38	286.81	AC	623	42	POOR	Y	
HAM35201	HARRISON AV	CHEV|CINC CORPLINE	KENKER PL	40	133.83	AC	516	68	FAIR	Y	
HAM64291	HARRISON AV	COLERAIN AV	PATTERSON ST	42	229.63	AC	289	92	GOOD	Y	
HAM03083	HARRISON AV	DAUTEL AV	MCHENRY AV	53	821.00	AC	206	60	FAIR	Y	
HAM03078	HARRISON AV	DEBRECK AV	HOADLY CT	39	278.01	AC	289	37	VERY POOR	Y	
HAM15416	HARRISON AV	EGGERS PL	KLING AV	41	374.34	AC	238	57	FAIR	Y	
HAM15457	HARRISON AV	ELDER AL	MONTCLAIR AV	40	322.22	AC	148	53	POOR	Y	
HAM11828	HARRISON AV	EVERGLADE PL	BIEGLER ST	45	755.88	AC	158	57	FAIR	Y	
HAM03086	HARRISON AV	FABER AV	CORA AV	41	251.31	AC	183	81	SATISFACTORY	Y	
HAM03071	HARRISON AV	FAIRMOUNT AV	KNORR AV	44	1974.33	AC	136	79	SATISFACTORY	Y	
HAM03087	HARRISON AV	FENTON AV	FABER AV	40	220.56	AC	206	81	SATISFACTORY	Y	
HAM15413	HARRISON AV	FISCHER PL	RATTERMAN AV	42	139.16	AC	176	61	FAIR	Y	
HAM03079	HARRISON AV	GRASSELLI AV	DEBRECK AV	39	331.40	AC	291	38	VERY POOR	Y	
HAM03069	HARRISON AV	HANSFORD PL	SARVIS CT	44	302.43	AC	170	80	SATISFACTORY	Y	
HAM03081	HARRISON AV	HOADLY CT	WOODROW AV	41	154.52	AC	320	40	VERY POOR	Y	
HAM03077	HARRISON AV	HOMESTEAD PL	ORLAND AV	44	475.16	AC	193	78	SATISFACTORY	Y	
HAM15374	HARRISON AV	KLING AV	MONTANA AV	41	404.06	AC	175	62	FAIR	Y	
HAM03070	HARRISON AV	KNORR AV	HANSFORD PL	43	301.01	AC	196	79	SATISFACTORY	Y	
HAM03089	HARRISON AV	LAFEUILLE AV	POWELL DR	47	718.30	AC	355	49	POOR	Y	
HAM03082	HARRISON AV	MCHENRY AV	BRACKEN WOODS LN	46	596.97	AC	265	46	POOR	Y	
HAM15414	HARRISON AV	MCKINLEY AV	FISCHER PL	41	945.30	AC	175	51	POOR	Y	
HAM15373	HARRISON AV	MONTANA AV	RUEHLMAN PL	41	367.64	AC	221	51	POOR	Y	
HAM15467	HARRISON AV	MONTCLAIR AV	STATHEM AV	40	249.02	AC	158	61	FAIR	Y	
HAM08156	HARRISON AV	MONTROSE ST	TREMONT ST	44	517.44	AC	183	77	SATISFACTORY	Y	
HAM03088	HARRISON AV	ORLAND AV	FENTON AV	44	943.41	AC	153	63	FAIR	Y	
HAM64292	HARRISON AV	PATTERSON ST	WINCHELL AV	40	465.98	AC	149	93	GOOD	Y	
HAM08125	HARRISON AV	QUEEN CITY AV	ADLER ST	44	629.78	AC	244	85	SATISFACTORY	Y	
HAM15412	HARRISON AV	RATTERMAN AV	EGGERS PL	40	570.18	AC	229	59	FAIR	Y	
HAM03097	HARRISON AV	RAVOGLI AV	LAFEUILLE AV	39	334.79	AC	210	78	SATISFACTORY	Y	
HAM03073	HARRISON AV	RUBERG AV	HOMESTEAD PL	44	249.23	AC	203	43	POOR	Y	
HAM15375	HARRISON AV	RUEHLMAN PL	EPWORTH AV	41	357.81	AC	202	50	POOR	Y	
HAM03068	HARRISON AV	SARVIS CT	BAKER AV	45	154.23	AC	231	58	FAIR	Y	
HAM27393	HARRISON AV	SPRING GROVE AV	BUCK ST	40	242.02	AC	650	28	VERY POOR	Y	
HAM08124	HARRISON AV	STATE AV	WESTERN HILLS EB VIA	58	777.83	AC	645	55	POOR	Y	
HAM15820	HARRISON AV	STATHEM AV	TEMPLE AV	40	156.77	AC	181	50	POOR	Y	
HAM03074	HARRISON AV	TALBOTT AV	RUBERG AV	44	263.16	AC	187	73	SATISFACTORY	Y	
HAM15821	HARRISON AV	TEMPLE AV	BOUDINOT AV	40	393.62	AC	338	51	POOR	Y	
HAM02445	HARRISON AV	TREMONT ST	EVERGLADE PL	44	1559.13	AC	206	79	SATISFACTORY	Y	
HAM15424	HARRISON AV	URWILER AV	ELDER AL	40	251.21	AC	237	59	FAIR	Y	
HAM15415	HARRISON AV	WERK RD	MCKINLEY AV	40	437.84	AC	316	64	FAIR	Y	
HAM08123	HARRISON AV	WESTERN HILLS EB VIA	WESTWOOD AV	84	704.41	AC	237	85	SATISFACTORY	Y	
HAM65751	HARRISON AV	WESTWOOD AV	QUEEN CITY AV	78	573.67	AC	379	95	GOOD	Y	
HAM64293	HARRISON AV	WINCHELL AV	SPRING GROVE AV	42	455.60	AC	217	95	GOOD	Y	
HAM03096	HARRISON AV	WOODROW AV	RAVOGLI AV	39	949.79	AC	248	43	POOR	Y	
HAM26478	HARROW AV	ORKNEY AV	CAMBERWELL RD	24	1026.58	AC	428	63	FAIR	Y	
HAM53368	HARRY AL	WHITFIELD AV	TERM W OF WHITFIELD AV	10	757.28		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM38020	HARRYWOOD CT	TERM E OF LITTLE FLOWER AV	LITTLE FLOWER AV	24	829.56	AC	650	48	POOR	Y	
HAM08994	HART AL	BOOTS AL	RODNEY AL	7	179.34		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM02184	HART AV	EDNA AV	ROCKFORD PL	21	459.49	AC	650	56	FAIR	Y	
HAM26238	HARTFORD PL	DREXEL PL	CLEVELAND AV	29	434.37	AC	362	47	POOR	Y	
HAM30290	HARTLAND DR	GREENLAND PL	GLEN ORCHARD DR	25	274.99	AC	560	35	VERY POOR	Y	
HAM36694	HARTLAND DR	TERM W OF GREENLAND PL	GREENLAND PL	24	125.31	AC	650	41	POOR	Y	
HAM16919	HARTMAN ST	SEDAM ST	DELHI AV	10	162.34	AC	650	47	POOR	Y	ONE WAY
HAM16918	HARTMAN ST	STEINER AV	DELHI AV	3	245.84		-1	-1		N	BOOTS ON THE GROUND / STAIRCASE
HAM26809	HARTWELL AV	CURZON AV	ANTHONY WAYNE AV	29	353.02	AC	563	82	SATISFACTORY	Y	
HAM36587	HARTWELL CT	VINE ST	TERM E OF VINE ST	19	443.97	PCC	650	42	POOR	Y	
HAM26245	HARVARD AV	MERRIMAC ST	GILBERT AV	25	729.89	AC	550	67	FAIR	Y	
HAM12841	HARVEST AV	DELPHOS AV	KINCAID RD	24	463.69	AC	548	75	SATISFACTORY	Y	
HAM33934	HARVEST AV	RIDGE AV	DELPHOS AV	24	361.00	AC	525	78	SATISFACTORY	Y	
HAM05937	HARVEY AV	CARPLIN PL	KASOTA ST	44	213.21	AC	308	71	SATISFACTORY	Y	
HAM05945	HARVEY AV	CATHERINE ST	ERKENBRECHER AV	44	377.53	AC	288	72	SATISFACTORY	Y	
HAM05939	HARVEY AV	E MARTIN LUTHER KING JR DR	HICKMAN AV	44	944.08	AC	315	74	SATISFACTORY	Y	
HAM05934	HARVEY AV	ERKENBRECHER AV	MAPLE AV	44	285.43	AC	267	74	SATISFACTORY	Y	
HAM05713	HARVEY AV	FOREST AV	GLENWOOD AV	37	1108.56	AC	331	47	POOR	Y	
HAM05889	HARVEY AV	GLENWOOD AV	WASHINGTON AV	40	669.71	AC	244	37	VERY POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM05935	HARVEY AV	HALE AV	CATHERINE ST	44	148.04	AC	309	68	FAIR	Y	
HAM05942	HARVEY AV	HICKMAN AV	RIDGEWAY AV	44	289.37	AC	283	62	FAIR	Y	
HAM05851	HARVEY AV	HICKORY ST	ROCKDALE AV	45	347.59	AC	589	61	FAIR	Y	
HAM05936	HARVEY AV	KASOTA ST	HALE AV	44	277.83	AC	319	70	FAIR	Y	
HAM05805	HARVEY AV	MAPLE AV	PROSPECT PL	44	248.83	AC	293	72	SATISFACTORY	Y	
HAM05854	HARVEY AV	NORTHERN AV	HICKORY ST	45	126.55	AC	310	61	FAIR	Y	
HAM54422	HARVEY AV	PROSPECT PL	NORTHERN AV	44	134.63	AC	236	58	FAIR	Y	
HAM05938	HARVEY AV	RIDGEWAY AV	CARPLIN PL	44	228.95	AC	427	75	SATISFACTORY	Y	
HAM34654	HARVEY AV	ROCKDALE AV	FOREST AV	43	417.93	AC	329	76	SATISFACTORY	Y	
HAM39262	HASTINGS ST	CLIFTON AV	TERM W OF CLIFTON AV	20	458.56	AC	650	67	FAIR	Y	
HAM08607	HATCH ST	BELVEDERE ST	FULLER ST	24	216.95	AC	448	48	POOR	Y	ONE WAY
HAM08595	HATCH ST	CARNEY ST	FORT VIEW PL	24	218.83	AC	650	38	VERY POOR	Y	
HAM39635	HATCH ST	FORT VIEW PL	TERM E OF FORT VIEW PL	21	148.27	AC	650	61	FAIR	Y	
HAM08593	HATCH ST	FULLER ST	CARNEY ST	24	223.96	AC	402	45	POOR	Y	ONE WAY
HAM18096	HATCH ST	LOUDEN ST	BELVEDERE ST	24	162.99	AC	313	45	POOR	Y	ONE WAY
HAM18102	HATCH ST	WAREHAM DR	LOUDEN ST	24	199.53	AC	650	69	FAIR	Y	ONE WAY
HAM64832	HATMAKER ST	BURNS ST	OSWALD AL	35	639.03	AC	255	87	GOOD	Y	
HAM01720	HATMAKER ST	OSWALD AL	STATE AV	36	137.98	AC	650	94	GOOD	Y	
HAM05703	HAVEN ST	FOREST AV	TALLANT AV	24	472.49	AC	650	75	SATISFACTORY	Y	
HAM05708	HAVEN ST	TALLANT AV	EHRMAN AV	25	569.37	AC	409	51	POOR	Y	
HAM39718	HAVENWOOD CT	TERM SE OF YORKTOWN RD	YORKTOWN RD	25	452.61	AC	484	90	GOOD	Y	
HAM39719	HAVENWOOD CT	YORKTOWN RD	TERM N OF YORKTOWN RD	23	249.63	AC	650	84	SATISFACTORY	Y	
HAM37124	HAWAIIAN TER	TERM E OF COLERAIN AV	COLERAIN AV	37	2221.91	AC	235	71	SATISFACTORY	Y	
HAM37886	HAWKINS AV	TERM E OF BALTIMORE AV	BALTIMORE AV	18	927.77	AC	575	32	VERY POOR	Y	
HAM02360	HAWTHORNE AV	BASSETT RD	PHILLIPS AV	30	1165.09	AC	269	91	GOOD	Y	
HAM12964	HAWTHORNE AV	CAMERON PL	BASSETT RD	31	505.30	AC	360	53	POOR	Y	
HAM12960	HAWTHORNE AV	MURDOCK AV	CAMERON PL	30	617.93	AC	650	49	POOR	Y	
HAM02349	HAWTHORNE AV	PHILLIPS AV	W 8TH ST	30	749.93	AC	292	73	SATISFACTORY	Y	
HAM02375	HAWTHORNE AV	PRICE AV	WARSAW AV	36	1065.66	AC	439	75	SATISFACTORY	Y	
HAM02340	HAWTHORNE AV	W 8TH ST	PRICE AV	35	414.54	AC	490	74	SATISFACTORY	Y	
HAM38590	HAYS AV	AMMON AV	TERM N OF AMMON AV	18	341.36	AC	650	76	SATISFACTORY	Y	
HAM29894	HAYS AV	WEST FORK RD	AMMON AV	18	156.92	AC	650	58	FAIR	Y	
HAM09372	HAYWARD AV	ARNOLD ST	PRINCIPIO AV	24	1320.29	AC	206	94	GOOD	Y	
HAM38861	HAYWARD CT	PRINCIPIO AV	TERM N OF PRINCIPIO AV	24	428.04	AC	650	82	SATISFACTORY	Y	
HAM15351	HAZELWOOD AV	MONTANA AV	URWILER AV	30	703.62	AC	410	65	FAIR	Y	
HAM38958	HAZELWOOD AV	MONTCLAIR AV	TERM N OF MONTCLAIR AV	24	351.68	AC	650	79	SATISFACTORY	Y	
HAM15350	HAZELWOOD AV	URWILER AV	MONTCLAIR AV	25	373.41	AC	295	49	POOR	Y	
HAM05556	HAZEN ST	GLENN AL	RIVERSIDE DR	40	156.74	AC	604	95	GOOD	Y	
HAM05597	HAZEN ST	RIVERSIDE DR	TERM NW OF RIVERSIDE DR	21	110.58	AC	650	91	GOOD	Y	
HAM38836	HEALEY CT	ARNOLD ST	TERM NE OF ARNOLD ST	10	213.69	AC	650	92	GOOD	Y	
HAM05871	HEARNE AV	DURY AV	WILSON AV	36	726.18	AC	423	57	FAIR	Y	
HAM37502	HEARTHSTEAD LN	TERM E OF KIPLINGWOOD DR	KIPLINGWOOD DR	26	306.81	AC	650	72	SATISFACTORY	Y	
HAM38689	HEATH CT	TERM SE OF SUTTER AV	SUTTER AV	25	415.09	AC	650	31	VERY POOR	Y	UNCOLLECTED PORTION BLOCKED BY GATE
HAM37935	HEATHERHILL LN	WILLIAM H TAFT RD	TERM N OF WILLIAM H TAFT RD	24	265.48	AC	650	92	GOOD	Y	
HAM37991	HEBRON CT	TERM SE OF DUTCH COLONY DR	DUTCH COLONY DR	26	520.91	AC	520	44	POOR	Y	
HAM06492	HECTOR AV	WHITNEY AV	LUCERNE AV	24	656.49	AC	327	93	GOOD	Y	
HAM11499	HEDGE AV	DUNLOE AV	IONA AV	21	328.91	AC	650	46	POOR	Y	
HAM11501	HEDGE AV	IBERIS AV	DUNLOE AV	21	329.68	AC	524	59	FAIR	Y	
HAM11520	HEDGE AV	IONA AV	STANDISH AV	21	333.40	AC	525	67	FAIR	Y	
HAM33885	HEDGE AV	KIRKUP AV	ODIN AV	20	353.90	AC	353	69	FAIR	Y	
HAM04795	HEDGE AV	ODIN AV	HIGHLAND AV	22	168.68	AC	240	66	FAIR	Y	
HAM11465	HEDGE AV	STANDISH AV	ZINSLE AV	21	344.98	AC	650	79	SATISFACTORY	Y	
HAM38089	HEDGE AV	TERM S OF	IBERIS AV	21	182.55	AC	650	41	POOR	Y	
HAM11467	HEDGE AV	ZINSLE AV	KIRKUP AV	20	353.74	AC	383	45	POOR	Y	
HAM09427	HEEKIN AV	BOUTON ST	BOYNTON PL	23	748.31	AC	213	59	FAIR	Y	
HAM09525	HEEKIN AV	BOUTON ST	LE BLOND AV	20	224.56	AC	301	75	SATISFACTORY	Y	
HAM14439	HEEKIN AV	BOYNTON PL	CHURCH PL	23	264.46	AC	271	81	SATISFACTORY	Y	
HAM14472	HEEKIN AV	CHURCH PL	EASTERN AV	24	167.15	AC	650	60	FAIR	Y	
HAM09524	HEEKIN AV	LE BLOND AV	SHATTUC AV	26	180.92	AC	275	71	SATISFACTORY	Y	
HAM14488	HEEKIN AV	PRINCIPIO AV	SHATTUC AV	24	1217.77	AC	372	70	FAIR	Y	
HAM03133	HEGRY CIR	FERGUSON RD	S HEGRY CIR	24	319.53	AC	650	44	POOR	Y	
HAM03260	HEGRY CIR	S HEGRY CIR	BOUDINOT AV	24	328.93	AC	650	58	FAIR	Y	
HAM14315	HEIS TER	BETH LN	SUTTON AV	25	262.18	AC	650	84	SATISFACTORY	Y	
HAM36103	HEIS TER	TERM W OF BETH LN	BETH LN	24	589.97	AC	650	89	GOOD	Y	
HAM00869	HEITZLER AV	ASPEN AV	HARBESON AV	21	1029.34	AC	228	60	FAIR	Y	
HAM10945	HEITZLER AV	FOGEL AV	ASPEN AV	20	88.24	AC	177	85	SATISFACTORY	Y	
HAM10942	HEITZLER AV	HARBESON AV	FOGEL AV	19	713.50	AC	232	79	SATISFACTORY	Y	
HAM07927	HELEN ST	AUBURNCREST AV	MAPLEWOOD AV	30	612.87	AC	382	56	FAIR	Y	
HAM07929	HELEN ST	BURNET AV	READING RD	29	282.12	AC	650	80	SATISFACTORY	Y	
HAM07921	HELEN ST	HIGHLAND AV	BURNET AV	30	293.15	AC	595	82	SATISFACTORY	Y	
HAM07920	HELEN ST	MAPLEWOOD AV	HIGHLAND AV	30	284.45	AC	650	64	FAIR	Y	
HAM38535	HELEN ST	TERM W OF AUBURNCREST AV	AUBURNCREST AV	30	64.92	AC	650	81	SATISFACTORY	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM07914	HEMLOCK ST	E MCMILLAN ST	HOLLENDER AL	30	148.95	AC	650	40	VERY POOR	Y	
HAM26183	HEMLOCK ST	HOLLENDER AL	WILLIAM H TAFT RD	30	431.41	AC	605	38	VERY POOR	Y	
HAM26189	HEMLOCK ST	WILLIAM H TAFT RD	OAK ST	29	641.68	AC	650	39	VERY POOR	Y	
HAM00929	HEMPWOOD AV	TOLUCA CT	WILMONT CT	24	338.09	AC	650	75	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM00924	HEMPWOOD AV	WILMONT CT	W NORTH BEND RD	24	267.99	AC	491	80	SATISFACTORY	Y	
HAM31613	HENDERSON AL	WHETSTONE AL	E 8TH ST	30	88.61	PCC	650	92	GOOD	Y	
HAM11700	HENKEL DR	EVERS ST	W LIBERTY ST	19	629.46	AC	650	88	GOOD	Y	
HAM35504	HENRIANNE CT	MCHENRY AV	TERM N OF MCHENRY AV	24	673.41	AC	557	70	FAIR	Y	
HAM03147	HENRIETTA AV	AKRON AV	LELAND AV	16	189.14	AC	650	78	SATISFACTORY	Y	
HAM03166	HENRIETTA AV	HILLSIDE AV	AKRON AV	16	590.98	AC	650	93	GOOD	Y	
HAM08359	HENRY ST	CLYMER AL	ELM ST	30	148.54	AC	446	71	SATISFACTORY	Y	ONE WAY
HAM08449	HENRY ST	COLBY AL	DUNLAP ST	22	126.92	AC	650	62	FAIR	Y	
HAM08448	HENRY ST	DUNLAP ST	BRANCH ST	15	152.71	AC	650	34	VERY POOR	Y	
HAM08447	HENRY ST	ELM ST	COLBY AL	25	136.26	AC	650	75	SATISFACTORY	Y	
HAM08517	HENRY ST	FENWICK AL	CLYMER AL	31	188.64	AC	563	82	SATISFACTORY	Y	ONE WAY
HAM08506	HENRY ST	W MCMICKEN AV	FENWICK AL	30	130.31	AC	650	94	GOOD	Y	ONE WAY
HAM25602	HENSHAW AV	BADER ST	TOWNSHIP ST	29	443.12	AC	512	35	VERY POOR	Y	
HAM27282	HENSHAW AV	BATES AV	BATES AL	30	157.25	AC	650	54	POOR	Y	
HAM27283	HENSHAW AV	COMBS AL	BATES AV	30	142.76	AC	629	80	SATISFACTORY	Y	
HAM38821	HENSHAW AV	HOPPLE ST	TERM N OF HOPPLE ST	30	285.41	AC	650	51	POOR	Y	UNCOLLECTED PORTION BLOCKED BY MEDIAN
HAM27299	HENSHAW AV	RACHEL ST	HOPPLE ST	30	437.29	AC	650	40	VERY POOR	Y	
HAM27324	HENSHAW AV	STOCK ST	COMBS AL	31	386.92	AC	550	73	SATISFACTORY	Y	
HAM25603	HENSHAW AV	TOWNSHIP ST	RACHEL ST	29	447.07	AC	650	51	POOR	Y	
HAM15536	HERBERT AV	CHEVIOT AV	MCFADDEN AV	36	249.80	AC	491	70	FAIR	Y	
HAM15550	HERBERT AV	MCFADDEN AV	CHEV|CINC CORPLINE	37	211.26	AC	415	56	FAIR	Y	
HAM38188	HEREFORD ST	BURNS AV	TERM E OF BURNS AV	25	711.44	AC	483	40	VERY POOR	Y	
HAM17920	HEREFORD ST	VINE ST	BURNS AV	27	1325.13	AC	371	81	SATISFACTORY	Y	
HAM38858	HERLIN PL	TERM SW OF LOOKOUT DR	LOOKOUT DR	20	687.08	AC	650	94	GOOD	Y	
HAM39267	HERMAN ST	TERM E OF FAIRVIEW AV	UNIVERSITY CT	30	241.44	AC	650	69	FAIR	Y	
HAM12377	HERMIT AV	ANDINA AV	GARDEN LN	17	264.83	AC	650	52	POOR	Y	
HAM19605	HERMIT AV	AVONLEA AV	NORTHCUTT AV	20	347.46	AC	650	42	POOR	Y	
HAM19607	HERMIT AV	BERKLEY AV	AVONLEA AV	17	338.97	AC	650	27	VERY POOR	Y	
HAM22973	HERMIT AV	CATALINA AV	BERKLEY AV	18	338.32	AC	650	25	SERIOUS	Y	
HAM12375	HERMIT AV	GARDEN LN	DALEWOOD PL	18	234.38	AC	650	51	POOR	Y	
HAM22974	HERMIT AV	LAWN AV	CATALINA AV	4	290.14		-1	-1		N	BOOTS ON THE GROUND / PEDESTRIAN PATHWAY
HAM03339	HERMOSA AV	CARNATION CIR	W 8TH ST	30	565.31	AC	650	28	VERY POOR	Y	
HAM03320	HERMOSA AV	RIDGEVIEW AV	ST LAWRENCE AV	30	463.04	AC	393	50	POOR	Y	
HAM03316	HERMOSA AV	SCHULTE DR	CARNATION CIR	21	500.96	AC	650	32	VERY POOR	Y	
HAM01943	HERMOSA AV	ST LAWRENCE AV	RAPID RUN RD	30	247.47	AC	650	32	VERY POOR	Y	
HAM03347	HERMOSA AV	W 8TH ST	RIDGEVIEW AV	30	366.11	AC	650	50	POOR	Y	
HAM35754	HERRICK AV	ELMHURST AV	TERM SE OF BREEN ST	28	115.75	AC	650	60	FAIR	Y	
HAM05750	HERRICK AV	FREELAND AV	ELMHURST AV	30	239.15	AC	540	44	POOR	Y	
HAM05738	HERRICK AV	TORRENCE PKWY	FREELAND AV	30	284.53	AC	650	66	FAIR	Y	
HAM33825	HERRON AV	DREMAN AV	TERM N OF DREMAN AV	20	110.15	AC	650	92	GOOD	Y	
HAM38622	HERRON AV	HOFFNER ST	TERM N OF HOFFNER ST	30	354.87	AC	618	54	POOR	Y	
HAM29922	HERRON AV	POWERS ST	HOFFNER ST	24	654.43	AC	650	59	FAIR	Y	
HAM33823	HERRON AV	TERM S OF POWERS ST	POWERS ST	34	367.17	AC	650	55	POOR	Y	
HAM09355	HERSCHEL AV	AULT WOODS LN	SUNCREST DR	30	762.76	AC	153	69	FAIR	Y	
HAM09206	HERSCHEL AV	BEVERLY HILL DR	LAMBERT PL	30	124.01	AC	267	60	FAIR	Y	
HAM39182	HERSCHEL AV	ERIE AV	TERM N OF ERIE AV	24	495.29	AC	650	94	GOOD	Y	
HAM09276	HERSCHEL AV	HARDISTY AV	HERSCHEL WOODS LN	40	284.38	AC	500	68	FAIR	Y	
HAM09284	HERSCHEL AV	HERSCHEL WOODS LN	AULT WOODS LN	31	538.37	AC	434	71	SATISFACTORY	Y	
HAM09204	HERSCHEL AV	LAMBERT PL	WILEY LN	30	254.50	AC	215	51	POOR	Y	
HAM09243	HERSCHEL AV	LINWOOD AV	LOOKOUT DR	31	865.94	AC	650	63	FAIR	Y	
HAM09208	HERSCHEL AV	LOOKOUT DR	BEVERLY HILL DR	30	162.47	AC	171	49	POOR	Y	
HAM09317	HERSCHEL AV	SUNCREST DR	HERSCHEL VIEW PL	30	888.06	AC	606	66	FAIR	Y	
HAM09201	HERSCHEL AV	WILEY LN	ROYAL PL	30	112.60	AC	188	49	POOR	Y	
HAM09334	HERSCHEL VIEW PL	OBSERVATORY AV	PAPE AV	25	873.56	AC	340	52	POOR	Y	
HAM38863	HERSCHEL WOODS LN	TERM S OF PRINCIPIO AV	PRINCIPIO AV	25	758.35	AC	411	63	FAIR	Y	
HAM38717	HESS AV	ORLAND AV	TERM W OF ORLAND AV	30	289.02	AC	638	43	POOR	Y	
HAM06858	HETZEL ST	RED BANK RD	ARMADA PL	24	1173.87	AC	499	34	VERY POOR	Y	
HAM11745	HEUWERTH AV	GLENWAY AV	COVEDALE AV	25	1255.89	AC	598	43	POOR	Y	
HAM07752	HEWITT AV	BONAPARTE AV	WOLD AV	36	101.69	AC	209	91	GOOD	Y	
HAM07756	HEWITT AV	BURKE AV	WABASH AV	37	280.03	AC	200	68	FAIR	Y	
HAM07712	HEWITT AV	EVANSTON AV	HEWITT CRESCENT ST	36	171.31	AC	314	46	POOR	Y	
HAM26220	HEWITT AV	FAIRFIELD AV	SPOKANE AV	36	340.89	AC	174	93	GOOD	Y	
HAM26332	HEWITT AV	GILBERT AV	HACKBERRY ST	36	512.40	AC	629	93	GOOD	Y	
HAM07766	HEWITT AV	GRAYDON AV	BONAPARTE AV	36	340.46	AC	163	94	GOOD	Y	
HAM26253	HEWITT AV	HACKBERRY ST	FAIRFIELD AV	36	548.59	AC	203	93	GOOD	Y	
HAM07751	HEWITT AV	SPOKANE AV	GRAYDON AV	36	339.18	AC	187	94	GOOD	Y	
HAM07754	HEWITT AV	TRIMBLE AV	BURKE AV	37	325.49	AC	245	60	FAIR	Y	
HAM07768	HEWITT AV	WABASH AV	EVANSTON AV	37	333.81	AC	212	60	FAIR	Y	
HAM07753	HEWITT AV	WOLD AV	TRIMBLE AV	37	308.52	AC	211	95	GOOD	Y	
HAM37111	HEWITT CRESCENT ST	HEWITT AV	TERM N OF HEWITT AV	24	590.70	AC	650	41	POOR	Y	
HAM02498	HEYWARD ST	1ST AV	ILIFF AV	24	290.39	AC	371	86	GOOD	Y	
HAM11792	HEYWARD ST	DEWEY AV	TERM W OF DEWEY AV	26	241.57	AC	650	82	SATISFACTORY	Y	
HAM02497	HEYWARD ST	GELLENBECK ST	WEGMAN AV	23	139.31	AC	479	82	SATISFACTORY	Y	
HAM02500	HEYWARD ST	ILIFF AV	GELLENBECK ST	25	287.47	AC	650	78	SATISFACTORY	Y	
HAM02499	HEYWARD ST	MANSS AV	1ST AV	22	294.97	AC	369	53	POOR	Y	
HAM02496	HEYWARD ST	WEGMAN AV	DEWEY AV	24	122.68	AC	349	78	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM27337	HEYWOOD ST	MASSACHUSETTS AV	COLERAIN AV	30	525.58	AC	336	71	SATISFACTORY	Y	
HAM39070	HIALEA CT	RAINBOW LN	TERM E OF RAINBOW LN	25	267.66	AC	650	49	POOR	Y	
HAM08075	HIAWATHA AV	MEADER ST	ERNST ST	18	160.94	PCC	650	71	SATISFACTORY	Y	
HAM24173	HICKMAN AV	HARVEY AV	READING RD	29	726.64	AC	391	80	SATISFACTORY	Y	
HAM05864	HICKORY ST	HARVEY AV	KNOTT ST	20	986.43	AC	472	88	GOOD	Y	
HAM54423	HICKORY ST	TERM W OF	HARVEY AV	24	408.95	AC	650	80	SATISFACTORY	Y	
HAM06600	HIDDEN ST	VENDOME PL	CHIPPEWA ST	14	207.58	AC	650	19	SERIOUS	Y	
HAM15828	HIGBEE ST	GAMBLE AV	KENKER PL	30	279.50	AC	516	82	SATISFACTORY	Y	
HAM15827	HIGBEE ST	MOTOR LN	GAMBLE AV	29	141.53	AC	650	74	SATISFACTORY	Y	
HAM15834	HIGBEE ST	MOZART AV	MOTOR LN	30	138.40	AC	650	78	SATISFACTORY	Y	
HAM39502	HIGH POINT AV	WARDALL AV	TERM N OF WARDALL AV	24	563.55	AC	650	77	SATISFACTORY	Y	
HAM53410	HIGH ST	TILLIE AV	TERM NW OF TILLIE AV	13	126.95		-1	-1		N	BLOCKED BY OVERGROWTH
HAM35459	HIGHCLIFF CT	OAK KNOLL DR	TERM W OF OAK KNOLL DR	25	475.62	AC	650	63	FAIR	Y	
HAM37125	HIGHFOREST LN	TERM E OF COLERAIN AV	COLERAIN AV	29	897.44	AC	650	30	VERY POOR	Y	
HAM37105	HIGHHOLLOW LN	TERM S OF ROCKFORD PL	ROCKFORD PL	28	103.31	AC	650	93	GOOD	Y	
HAM27867	HIGHLAND AV	BOAL ST	SLACK ST	35	324.49	AC	226	51	POOR	Y	
HAM27896	HIGHLAND AV	CARMALT ST	DORCHESTER AV	37	346.51	AC	650	37	VERY POOR	Y	
HAM27894	HIGHLAND AV	CHANNING ST	CARMALT ST	36	336.01	AC	253	62	FAIR	Y	
HAM27866	HIGHLAND AV	CORPORATION AL	MILTON ST	34	162.63	AC	133	52	POOR	Y	
HAM08038	HIGHLAND AV	DONAHUE ST	E ROCHELLE ST	37	204.28	AC	174	78	SATISFACTORY	Y	
HAM27892	HIGHLAND AV	DORCHESTER AV	EARNSHAW AV	37	1124.54	AC	216	57	FAIR	Y	
HAM06015	HIGHLAND AV	E MARTIN LUTHER KING JR DR	PIEDMONT AV	36	273.70	AC	650	83	SATISFACTORY	Y	
HAM07959	HIGHLAND AV	E MCMILLAN ST	SHEA PL	35	289.77	AC	650	47	POOR	Y	
HAM08037	HIGHLAND AV	E ROCHELLE ST	STETSON ST	34	275.50	AC	190	69	FAIR	Y	
HAM08039	HIGHLAND AV	E UNIVERSITY AV	DONAHUE ST	36	256.99	AC	262	88	GOOD	Y	
HAM26122	HIGHLAND AV	EARNSHAW AV	MCGREGOR AV	36	728.81	AC	254	45	POOR	Y	
HAM34662	HIGHLAND AV	FOSDICK ST	E UNIVERSITY AV	36	265.92	AC	406	73	SATISFACTORY	Y	
HAM07962	HIGHLAND AV	HELEN ST	MCCORMICK PL	37	256.21	AC	207	49	POOR	Y	
HAM07960	HIGHLAND AV	KINSEY AV	E MCMILLAN ST	35	557.77	AC	650	38	VERY POOR	Y	
HAM27868	HIGHLAND AV	LIBERTY HILL	CORPORATION AL	34	151.53	AC	317	57	FAIR	Y	
HAM07961	HIGHLAND AV	MCCORMICK PL	KINSEY AV	36	266.17	AC	301	54	POOR	Y	
HAM20241	HIGHLAND AV	MCGREGOR AV	HELEN ST	36	353.95	AC	182	54	POOR	Y	
HAM27865	HIGHLAND AV	MILTON ST	BOAL ST	34	171.41	AC	190	49	POOR	Y	
HAM59912	HIGHLAND AV	NOR|CINC CORPLINE	NOR|CINC CORPLINE	31	468.37	AC	265	95	GOOD	Y	
HAM08035	HIGHLAND AV	OAK ST	FOSDICK ST	36	266.90	AC	242	82	SATISFACTORY	Y	
HAM11637	HIGHLAND AV	OAK ST	CINC|ELMWPL CORPLINE	30	300.39	AC	650	54	POOR	Y	
HAM06014	HIGHLAND AV	PIEDMONT AV	GOODMAN ST	36	265.03	AC	650	47	POOR	Y	
HAM27895	HIGHLAND AV	RINGGOLD ST	CHANNING ST	36	368.31	AC	287	45	POOR	Y	
HAM07963	HIGHLAND AV	SHEA PL	WILLIAM H TAFT RD	35	356.90	AC	494	60	FAIR	Y	
HAM26121	HIGHLAND AV	SLACK ST	RINGGOLD ST	35	194.29	AC	339	53	POOR	Y	
HAM06016	HIGHLAND AV	STETSON ST	E MARTIN LUTHER KING JR DR	32	271.94	AC	607	77	SATISFACTORY	Y	
HAM08036	HIGHLAND AV	WILLIAM H TAFT RD	OAK ST	34	902.67	AC	505	50	POOR	Y	
HAM33403	HIGHLAND DR	DURAMED DR	CINC|COLUTP CORPLINE	24	915.08	AC	227	73	SATISFACTORY	Y	
HAM26507	HIGHLAND DR	NOR|CINC CORPLINE	DURAMED DR	22	764.83	AC	225	89	GOOD	Y	
HAM38113	HIGHLAND RIDGE DR	CENTER HILL AV	TERM NE OF CENTER HILL AV	36	935.44	AC	338	88	GOOD	Y	
HAM02417	HIGHRIDGE AV	LOCKMAN AV	OVERLOOK AV	31	1134.27	AC	526	54	POOR	Y	
HAM13566	HIGHVIEW DR	BEECHMEADOW LN	ALCLIFF LN	24	651.05	AC	533	64	FAIR	Y	
HAM13572	HIGHVIEW DR	COVEDALE AV	GLENNA DR	25	973.16	AC	296	82	SATISFACTORY	Y	
HAM13570	HIGHVIEW DR	GLENNA DR	BEECHMEADOW LN	24	568.62	AC	447	85	SATISFACTORY	Y	
HAM15429	HILDRETH AV	DARTMOUTH DR	GLENMORE AV	21	1074.75	AC	650	38	VERY POOR	Y	
HAM38966	HILDRETH AV	TERM E OF DARTMOUTH DR	DARTMOUTH DR	20	426.60	AC	613	42	POOR	Y	
HAM08636	HILL ST	FORT VIEW ALLEY STEPS	MARTIN DR TO COLUMBIA WB PKWY RAMP	30	135.62	AC	650	46	POOR	Y	
HAM27650	HILL ST	RIVERVIEW PL	ST GREGORY ST	30	244.55	AC	591	58	FAIR	Y	
HAM26049	HILL ST	ST GREGORY ST	FORT VIEW ALLEY STEPS	31	957.64	AC	460	38	VERY POOR	Y	
HAM02265	HILLCREST RD	LANIUS LN	HAMILTON AV	25	708.25	AC	195	47	POOR	Y	
HAM63792	HILLCREST RD	TERM OF PUBLIC	LANIUS LN	28	1083.05	AC	346	54	POOR	Y	
HAM02427	HILLFRED LN	CLEVESDALE DR	EMBRETT CT	24	313.04	AC	324	82	SATISFACTORY	Y	
HAM02149	HILLFRED LN	EMBRETT CT	TUXWORTH AV	25	304.00	AC	484	64	FAIR	Y	
HAM19488	HILLSDALE AV	VINE ST	BURNS AV	26	1322.33	AC	403	86	GOOD	Y	
HAM17669	HILLSIDE AV	ANDERSON FERRY RD	CINC|DELHTP CORPLINE	19	348.32	AC	650	74	SATISFACTORY	Y	
HAM03156	HILLSIDE AV	BAURICHTER ST	CLYDE ST	20	1593.90	AC	404	82	SATISFACTORY	Y	
HAM00315	HILLSIDE AV	BEREA ST	CIST ST	17	461.10	AC	204	47	POOR	Y	
HAM53854	HILLSIDE AV	BOWDITCH ST	WYANDOT ST	20	1254.78	AC	390	83	SATISFACTORY	Y	
HAM00332	HILLSIDE AV	CHELSEA PL	ROCKAWAY AV	19	468.67	AC	445	71	SATISFACTORY	Y	
HAM50732	HILLSIDE AV	CINC|DELHTP CORPLINE	DART ST	17	2285.40	AC	213	64	FAIR	Y	
HAM00321	HILLSIDE AV	CIST ST	WHIPPLE ST	19	619.34	AC	404	52	POOR	Y	
HAM09839	HILLSIDE AV	CLYDE ST	MCGINNIS AV	19	654.93	AC	527	84	SATISFACTORY	Y	
HAM00316	HILLSIDE AV	DART ST	BEREA ST	22	189.76	AC	650	69	FAIR	Y	
HAM00326	HILLSIDE AV	GRASSDALE LN	RICHARDSON PL	18	294.70	AC	380	66	FAIR	Y	
HAM03155	HILLSIDE AV	HENRIETTA AV	BAURICHTER ST	19	1980.27	AC	384	88	GOOD	Y	
HAM00329	HILLSIDE AV	HUEY AV	MERIDIAN ST	17	302.42	AC	548	69	FAIR	Y	
HAM02603	HILLSIDE AV	INGALLS ST	LILIENTHAL ST	20	129.98	AC	650	81	SATISFACTORY	Y	
HAM22352	HILLSIDE AV	INTERSECTION ST	WOCHER AV	15	10170.27	AC	394	30	VERY POOR	Y	
HAM03161	HILLSIDE AV	LILIENTHAL ST	HENRIETTA AV	20	835.99	AC	489	93	GOOD	Y	
HAM09843	HILLSIDE AV	MCGINNIS AV	TYLER ST	23	1012.51	AC	650	65	FAIR	Y	
HAM00327	HILLSIDE AV	MERIDIAN ST	GRASSDALE LN	17	164.28	AC	267	66	FAIR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM00325	HILLSIDE AV	RICHARDSON PL	CHELSEA PL	19	270.25	AC	195	80	SATISFACTORY	Y	
HAM02620	HILLSIDE AV	RIVER RD	INGALLS ST	18	798.63	AC	609	87	GOOD	Y	
HAM00331	HILLSIDE AV	ROCKAWAY AV	IVANHOE AV	19	453.29	AC	321	58	FAIR	Y	
HAM03158	HILLSIDE AV	TYLER ST	BOWDITCH ST	18	499.79	AC	237	93	GOOD	Y	
HAM00328	HILLSIDE AV	WHIPPLE ST	HUEY AV	19	256.41	AC	403	57	FAIR	Y	
HAM53853	HILLSIDE AV	WYANDOT ST	ANDERSON FERRY RD	21	3640.98	AC	372	85	SATISFACTORY	Y	
HAM37157	HILSUN PL	SIDNEY RD	TERM N OF SIDNEY RD	18	361.87	AC	650	82	SATISFACTORY	Y	
HAM07891	HILTON PL	WILLIAM H TAFT RD	BURNET AV	30	424.19	AC	650	94	GOOD	Y	
HAM07772	HINES AL	BURKE AV	EVANSTON AV	20	627.79	AC	583	85	SATISFACTORY	Y	
HAM07759	HINES AL	WOLD AV	BURKE AV	17	681.23	AC	471	85	SATISFACTORY	Y	
HAM27856	HIRAM ST	CORPORATION AL	MILTON ST	4	166.23		-1	-1		N	BOOTS ON THE GROUND / STAIRCASE
HAM27859	HIRAM ST	LIBERTY HILL	CORPORATION AL	3	163.85		-1	-1		N	BOOTS ON THE GROUND / STAIRCASE
HAM50725	HIRSCH DR	HIRSCH DR	LOSANTIVILLE AV	60	195.95	AC	578	62	FAIR	Y	
HAM02758	HITCHENS AV	COSTELLO AV	CAVANAUGH AV	25	205.72	AC	539	84	SATISFACTORY	Y	
HAM02755	HITCHENS AV	RUBERG AV	COSTELLO AV	27	115.98	AC	645	93	GOOD	Y	
HAM02819	HOADLY CT	HOLLENSHADE AV	North Term	15	548.85	AC	650	69	FAIR	Y	
HAM02820	HOADLY CT	North Term	HARRISON AV	3	161.95		-1	-1		N	BOOTS ON THE GROUND / STAIRCASE
HAM07225	HOBART AV	BROOKSIDE AV	HAMILTON AV	17	306.88	PCC	650	82	SATISFACTORY	Y	ONE WAY
HAM05399	HOBOKEN AL	HUMBERT ST	WOOL ST	11	504.82	AC	650	93	GOOD	Y	
HAM05393	HOBOKEN AL	WOOL ST	RIVERSIDE DR	11	469.08	AC	650	78	SATISFACTORY	Y	ONE WAY
HAM05530	HOFF AV	AUDUBON ST	TERM E OF AUDUBON ST	16	430.65	AC	650	54	POOR	Y	
HAM54262	HOFF AV	ST ANDREWS ST	AUDUBON ST	20	273.64	AC	650	33	VERY POOR	Y	
HAM05773	HOFF AV	TERM W OF ST ANDREWS ST	ST ANDREWS ST	18	1176.21	AC	650	30	VERY POOR	Y	
HAM07375	HOFFNER ST	APPLE ST	TURRILL ST	40	240.68	AC	530	47	POOR	Y	
HAM29886	HOFFNER ST	CASS AV	TAPPAN AV	11	239.90	AC	650	62	FAIR	Y	
HAM07252	HOFFNER ST	CLUXTON AL	GULOW ST	41	135.43	AC	268	79	SATISFACTORY	Y	ONE WAY
HAM07371	HOFFNER ST	DELANEY ST	COLERAIN AV	46	248.53	AC	650	66	FAIR	Y	
HAM07250	HOFFNER ST	GULOW ST	APPLE ST	40	191.00	AC	409	60	FAIR	Y	ONE WAY
HAM07253	HOFFNER ST	HAMILTON AV	CLUXTON AL	41	183.55	AC	419	81	SATISFACTORY	Y	ONE WAY
HAM29912	HOFFNER ST	HERRON AV	CASS AV	20	264.97	AC	650	72	SATISFACTORY	Y	
HAM38623	HOFFNER ST	TERM E OF HERRON AV	HERRON AV	23	213.85	AC	650	36	VERY POOR	Y	UNCOLLECTED PORTION UNPAVED ROAD
HAM07374	HOFFNER ST	TURRILL ST	VANDALIA AV	41	241.44	AC	402	52	POOR	Y	
HAM07373	HOFFNER ST	VANDALIA AV	DELANEY ST	40	272.86	AC	394	64	FAIR	Y	
HAM06076	HOGE ST	COLUMBIA PKWY	HANDMAN AV	36	323.61	AC	624	42	POOR	Y	
HAM06074	HOGE ST	HANDMAN AV	WIDMAN PL	36	277.31	AC	329	55	POOR	Y	
HAM09082	HOGE ST	WIDMAN PL	MISSOURI AV	24	869.52	AC	366	61	FAIR	Y	
HAM25684	HOKEL LN	KEYSTONE DR	HANOVER CIR	25	350.34	AC	530	63	FAIR	Y	
HAM37928	HOKEL LN	TERM W OF WAYWARD WINDS DR	WAYWARD WINDS DR	25	158.39	AC	650	93	GOOD	Y	
HAM06061	HOLBROOK AV	MCCULLOUGH ST	CARREL ST	20	392.46	AC	627	91	GOOD	Y	
HAM06055	HOLBROOK AV	TENNYSON ST	MCCULLOUGH ST	20	398.42	AC	650	92	GOOD	Y	
HAM37883	HOLBROOK AV	TERM NW OF TENNYSON ST	TENNYSON ST	23	260.90	AC	650	91	GOOD	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM27323	HOLDER AL	STOCK ST	COMBS AL	8	330.26		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM00159	HOLLAND DR	STRAND LN	DUTCH COLONY DR	36	873.07	AC	357	41	POOR	Y	
HAM35385	HOLLAND DR	TERM SE OF VIVIAN PL	VIVIAN PL	36	691.98	AC	439	56	FAIR	Y	
HAM00177	HOLLAND DR	VIVIAN PL	STRAND LN	37	637.54	AC	466	40	VERY POOR	Y	
HAM27970	HOLLENDER AL	HEMLOCK ST	WILLIAM H TAFT RD	11	629.07	AC	650	77	SATISFACTORY	Y	CORNER TOO SHARP FOR VAN TO CLEAR IN BOTH DIRECTIONS
HAM02968	HOLLENSHADE AV	DEBRECK AV	HOADLY CT	26	273.31	AC	297	61	FAIR	Y	
HAM02987	HOLLENSHADE AV	GRASSELLI AV	DEBRECK AV	29	329.90	AC	522	31	VERY POOR	Y	
HAM26222	HOLLOWAY AV	HACKBERRY ST	HOLLOWAY CT	27	275.41	AC	522	88	GOOD	Y	
HAM26221	HOLLOWAY AV	HOLLOWAY CT	FAIRFIELD AV	27	217.83	AC	650	95	GOOD	Y	
HAM26255	HOLLOWAY AV	MONTGOMERY RD	HACKBERRY ST	27	234.31	AC	650	83	SATISFACTORY	Y	
HAM37115	HOLLOWAY CT	TERM S OF HOLLOWAY AV	HOLLOWAY AV	20	220.05	AC	650	67	FAIR	Y	
HAM12296	HOLLY AV	VISTA TER	LILAC AV	15	918.07	AC	650	71	SATISFACTORY	Y	
HAM00890	HOLLYWOOD AV	AMBERWOOD	DEVONWOOD DR	24	354.90	AC	508	33	VERY POOR	Y	
HAM10711	HOLLYWOOD AV	BAYWOOD LN	HAMILTON AV	20	985.01	AC	285	39	VERY POOR	Y	
HAM00847	HOLLYWOOD AV	DALY RD	OAK KNOLL DR	24	284.96	AC	586	35	VERY POOR	Y	
HAM00888	HOLLYWOOD AV	DEVONWOOD DR	LOISWOOD DR	24	365.03	AC	262	67	FAIR	Y	
HAM00856	HOLLYWOOD AV	EDWOOD AV	AMBERWOOD	24	805.30	AC	347	42	POOR	Y	
HAM00887	HOLLYWOOD AV	LOISWOOD DR	BAYWOOD LN	20	343.43	AC	188	53	POOR	Y	
HAM00878	HOLLYWOOD AV	OAK KNOLL DR	STELLA AV	24	602.47	AC	304	32	VERY POOR	Y	
HAM00877	HOLLYWOOD AV	STELLA AV	EDWOOD AV	24	898.47	AC	356	46	POOR	Y	
HAM27636	HOME AL	W 4TH ST	W 5TH ST	15	469.57	AC	650	43	POOR	Y	ONE WAY
HAM11130	HOME CITY AV	CHEROKEE AV	INDIAN LN	20	456.45	AC	400	54	POOR	Y	
HAM11119	HOME CITY AV	ELCO ST	CHEROKEE AV	24	758.08	AC	479	75	SATISFACTORY	Y	
HAM11137	HOME CITY AV	GOODRICH LN	DAHLIA AV	21	304.88	AC	358	55	POOR	Y	
HAM11138	HOME CITY AV	INDIAN LN	GOODRICH LN	20	610.35	AC	427	64	FAIR	Y	
HAM00219	HOME CITY AV	IVANHOE AV	IVANHOE AV	21	164.32	AC	650	62	FAIR	Y	
HAM00230	HOME CITY AV	IVANHOE AV	TWAIN AV	18	439.77	AC	306	68	FAIR	Y	
HAM11124	HOME CITY AV	MONITOR AV	ELCO ST	22	790.59	AC	274	72	SATISFACTORY	Y	
HAM00333	HOME CITY AV	ROCKAWAY AV	IVANHOE AV	18	475.22	AC	594	50	POOR	Y	
HAM00200	HOME CITY AV	TWAIN AV	MONITOR AV	19	385.01	AC	375	46	POOR	Y	
HAM07139	HOME ST	SILVERTON AV	HOME ST	29	446.07	AC	374	75	SATISFACTORY	Y	
HAM13148	HOMER AV	BRAMBLE AV	ROE ST	25	1420.62	AC	650	61	FAIR	Y	
HAM35818	HOMER AV	TERM S OF BRAMBLE AV	BRAMBLE AV	25	910.53	AC	650	33	VERY POOR	Y	
HAM00439	HOMESIDE AV	ATWOOD AV	LEFFINGWELL AV	24	876.33	AC	204	94	GOOD	Y	
HAM35403	HOMESIDE AV	KENNETH AV	TERM W OF KENNETH AV	24	180.52	AC	294	95	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM00438	HOMESIDE AV	LEFFINGWELL AV	KENNETH AV	24	345.68	AC	648	95	GOOD	Y	
HAM38740	HOMESTEAD PL	TERM S OF WAHL TER	WAHL TER	24	596.94	AC	265	80	SATISFACTORY	Y	
HAM32339	HOMESTEAD PL	WAHL TER	HARRISON AV	24	997.79	AC	529	65	FAIR	Y	
HAM07290	HONER AL	LINGO ST	POPE AL	8	155.89		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM07301	HONER AL	MEDILL AL	LINGO ST	7	160.84		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM50320	HONEYSUCKLE DR	HONEYSUCKLE LN	PEPPER LN	24	868.03	AC	437	65	FAIR	Y	
HAM14681	HONEYSUCKLE LN	BEACON ST	HONEYSUCKLE DR	24	297.59	AC	414	86	GOOD	Y	
HAM38266	HONEYSUCKLE LN	HONEYSUCKLE DR	TERM N OF HONEYSUCKLE DR	24	963.00	AC	397	87	GOOD	Y	
HAM27553	HONING AL	VINE ST	POSTAL AL	7	229.49		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM15363	HOPE LN	KOENIG AV	EPWORTH AV	23	359.51	AC	650	60	FAIR	Y	ONE WAY
HAM12519	HOPKINS AV	ASMANN AV	WEBSTER AV	37	236.26	AC	437	82	SATISFACTORY	Y	
HAM50121	HOPKINS ST	CUTTER ST	RUHR WY	19	143.64	AC	537	74	SATISFACTORY	Y	ONE WAY
HAM08779	HOPKINS ST	EVANS ST	WOODROW ST	39	251.64	AC	650	62	FAIR	Y	
HAM31924	HOPKINS ST	HELGOLANDER WY	RHINE WY	25	172.34	AC	271	52	POOR	Y	ONE WAY
HAM31925	HOPKINS ST	RHINE WY	LINN ST	25	235.92	AC	650	75	SATISFACTORY	Y	ONE WAY
HAM31919	HOPKINS ST	RUHR WY	HELGOLANDER WY	25	138.84	AC	220	78	SATISFACTORY	Y	ONE WAY
HAM25780	HOPKINS ST	TERM E OF TRUMAN AL	TRUMAN AL	25	149.25	AC	650	52	POOR	Y	
HAM55646	HOPKINS ST	TRUMAN AL	JOHN ST	25	131.70	AC	650	61	FAIR	Y	
HAM30682	HOPKINS ST	WESTERN AV	DALTON AV	41	1188.50	AC	487	43	POOR	Y	
HAM38823	HOPPLE CT	TERM E OF MOOSEWOOD CT	MOOSEWOOD CT	35	145.87	AC	650	50	POOR	Y	
HAM25574	HOPPLE ST	BURLINGTON PL	GARRARD AV	64	232.48	AC	158	73	SATISFACTORY	Y	
HAM27290	HOPPLE ST	COLERAIN AV	JESSAMINE AV	40	138.36	AC	650	66	FAIR	Y	
HAM25573	HOPPLE ST	GARRARD AV	MEEKER ST	66	456.63	AC	213	72	SATISFACTORY	Y	
HAM27300	HOPPLE ST	HENSHAW AV	COLERAIN AV	75	258.23	AC	206	70	FAIR	Y	
HAM63931	HOPPLE ST	HOPPLE ST TO I-75 SB EXWY RAMP	I-75 SB EXWY TO HOPPLE ST RAMP	60	608.06	AC	161	96	GOOD	Y	
HAM63932	HOPPLE ST	I-75 SB EXWY TO HOPPLE ST RAMP	HENSHAW AV	60	363.76	AC	150	94	GOOD	Y	
HAM25575	HOPPLE ST	JESSAMINE AV	BURLINGTON PL	50	146.79	AC	258	55	POOR	Y	
HAM21917	HOPPLE ST	MEEKER ST	BEEKMAN ST	50	2184.68	PCC	215	88	GOOD	Y	
HAM39285	HOPPLE ST	STIER AL	TERM W OF STIER AL	32	57.53	AC	650	90	GOOD	Y	
HAM27305	HOPPLE ST	W MCMICKEN AV	STIER AL	31	144.25	AC	650	67	FAIR	Y	
HAM60171	HOPPLE ST TO I-74 / I-75 SPLIT RAMP	HOPPLE ST	HOPPLE ST TO I-74 WB EXWY RAMP	36	2336.57	PCC	249	91	GOOD	Y	
HAM61531	HOPPLE ST TO I-75 SB EXWY RAMP	HOPPLE ST	I-75 SB EXWY	28	2498.89	AC	188	90	GOOD	Y	ONE WAY
HAM50224	HORACE ST	AMITY AL	BAYMILLER ST	16	126.65	AC	650	48	POOR	Y	
HAM10390	HORACE ST	CENTRAL AV	WHITEMAN ST	17	587.20	AC	650	73	SATISFACTORY	Y	
HAM53461	HORACE ST	TERM E OF AMITY AL	AMITY AL	16	401.40	AC	650	52	POOR	Y	
HAM03667	HORIZONVUE DR	BRISTOLHILL CT	WESTONRIDGE DR	25	602.66	AC	375	37	VERY POOR	Y	
HAM35595	HORIZONVUE DR	TERM SW OF BRISTOLHILL CT	BRISTOLHILL CT	25	230.02	AC	535	34	VERY POOR	Y	
HAM03127	HORTON ST	RICHTER ST	SAFFIN AV	14	179.76	AC	650	74	SATISFACTORY	Y	
HAM02904	HORTON ST	SPERBER ST	WHITE ST	11	190.25	AC	650	47	POOR	Y	
HAM11817	HORTON ST	TERM E OF HORTON ST SPLIT	SPERBER ST	10	419.30	AC	650	45	POOR	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLES AND OVERGROWTH
HAM03125	HORTON ST	TERM E OF RICHTER ST	RICHTER ST	13	101.67	AC	650	69	FAIR	Y	
HAM16761	HOSEA AV	BISHOP ST	OXFORD TER	28	254.35	AC	650	46	POOR	Y	
HAM57251	HOSEA AV	BROOKLINE AV	TERM W OF BROOKLINE AV	30	815.83	AC	650	62	FAIR	Y	
HAM34717	HOSEA AV	OXFORD TER	BROOKLINE AV	28	298.32	AC	650	44	POOR	Y	
HAM57252	HOSEA AV	TERM E OF CLIFTON AV	CLIFTON AV	30	283.33	AC	650	55	POOR	Y	
HAM08680	HOUSMAN AL	ELLIOTT ST	SCHULTZ AL	6	121.86		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM08689	HOUSMAN AL	SCHULTZ AL	SPRING ST	5	109.64		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM00232	HOVAN AL	IVANHOE AV	TWAIN AV	7	407.91	AC	650	86	GOOD	Y	ONE WAY
HAM00231	HOVAN AL	TWAIN AV	VERE AL	12	224.42	AC	650	95	GOOD	Y	ONE WAY
HAM31985	HOWARD AV	BARVAC AV	SPRINGLAWN AV	29	280.43	AC	650	89	GOOD	Y	
HAM01866	HOWARD AV	EDNA AV	ROCKFORD PL	13	462.04	AC	650	69	FAIR	Y	
HAM09473	HOWARD AV	SAXON AV	EDNA AV	19	423.24	AC	466	63	FAIR	Y	
HAM01843	HOWARD AV	STANFORD DR	BARVAC AV	24	579.99	AC	258	85	SATISFACTORY	Y	
HAM05351	HOWELL AV	CLIFTON AV	ORMOND AV	34	554.78	AC	474	51	POOR	Y	
HAM25512	HOWELL AV	GANO AV	MORRISON AV	34	591.10	AC	650	48	POOR	Y	
HAM05343	HOWELL AV	ORMOND AV	ORMOND AV	31	92.59	AC	366	51	POOR	Y	
HAM25503	HOWELL AV	ORMOND AV	WHITFIELD AV	33	663.88	AC	611	50	POOR	Y	
HAM25513	HOWELL AV	SHERLOCK AV	GANO AV	33	295.18	AC	624	52	POOR	Y	
HAM25502	HOWELL AV	WHITFIELD AV	SHERLOCK AV	34	557.06	AC	503	49	POOR	Y	
HAM07446	HOWLAND PL	PITTS AV	GORDON ST	30	303.83	AC	506	66	FAIR	Y	
HAM08479	HUBERT ST	VINE ST	HAMER ST	20	165.62	AC	573	82	SATISFACTORY	Y	ONE WAY
HAM26368	HUDSON AV	CRANE AV	DUCK CREEK RD	29	350.13	AC	650	28	VERY POOR	Y	
HAM37346	HUDSON AV	DUCK CREEK RD	TERM N OF DUCK CREEK RD	30	436.26	AC	650	36	VERY POOR	Y	
HAM37345	HUDSON AV	TERM S OF CRANE AV	CRANE AV	30	144.30	AC	650	30	VERY POOR	Y	
HAM00305	HUEY AV	ASHTABULA ST	PRESCOTT ST	20	128.88	AC	649	75	SATISFACTORY	Y	
HAM00193	HUEY AV	GRACELY DR	PORTAGE ST	25	191.38	AC	650	70	FAIR	Y	
HAM00192	HUEY AV	PORTAGE ST	ASHTABULA ST	21	275.56	AC	442	56	FAIR	Y	
HAM00304	HUEY AV	PRESCOTT ST	WREN ST	19	140.33	AC	346	58	FAIR	Y	
HAM35388	HUEY AV	TERM SW OF GRACELY DR	GRACELY DR	24	101.28	AC	650	79	SATISFACTORY	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM00330	HUEY AV	WREN ST	HILLSIDE AV	20	374.71	AC	492	79	SATISFACTORY	Y	
HAM20219	HUGHES ST	COGSWELL AL	SCHILLER ST	20	194.09	AC	650	83	SATISFACTORY	Y	
HAM20217	HUGHES ST	E LIBERTY ST	MOTH AL	22	244.07	AC	572	82	SATISFACTORY	Y	
HAM20216	HUGHES ST	MOTH AL	COGSWELL AL	22	28.45	AC	204	82	SATISFACTORY	Y	
HAM20203	HUGHES ST	SCHILLER ST	TERM N OF SCHILLER ST	20	364.20		-1	-1		N	BLOCKED BY VEHICLES
HAM25631	HUKILL AL	ELIZA ST	MCNALLY ST	8	334.15	BR	650	-1		Y	
HAM19972	HUKILL AL	KOTTMAN ST	STRAIGHT ST	9	439.70	BR	650	-1		Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM19970	HUKILL AL	MCNALLY ST	KOTTMAN ST	13	190.54		-1	-1		N	DOES NOT EXIST
HAM27349	HUKILL AL	RUSH ST	ELIZA ST	18	513.35	BR	650	-1		Y	
HAM27468	HULBERT AV	FREEMAN AV	WINCHELL AV	29	505.50	AC	435	60	FAIR	Y	
HAM15889	HULL AV	EPWORTH AV	BOUDINOT AV	25	1024.65	AC	513	50	POOR	Y	
HAM39503	HULL AV	TERM E OF EPWORTH AV	EPWORTH AV	25	661.04	AC	650	52	POOR	Y	
HAM30730	HULSE DR	JOHN ST	CLAYERS LN	15	206.65	AC	650	86	GOOD	Y	
HAM05401	HUMBERT ST	HOBOKEN AL	DELTA AV	22	149.97	AC	505	75	SATISFACTORY	Y	
HAM05398	HUMBERT ST	REDMOND AL	WORTH ST	26	156.18	AC	371	85	SATISFACTORY	Y	
HAM05397	HUMBERT ST	STRADER AV	REDMOND AL	24	158.73	AC	650	85	SATISFACTORY	Y	
HAM05400	HUMBERT ST	WORTH ST	HOBOKEN AL	24	152.55	AC	366	75	SATISFACTORY	Y	
HAM35486	HUMMINGBIRD CT	SONGBIRD DR	TERM SW OF SONGBIRD DR	23	164.97	AC	650	33	VERY POOR	Y	
HAM38180	HUNSFORD ST	TERM W OF WOODBINE AV	WOODBINE AV	17	342.95	AC	650	45	POOR	Y	
HAM07830	HUNSFORD ST	WISWELL ST	CURZON AV	28	350.59	AC	650	43	POOR	Y	
HAM07831	HUNSFORD ST	WOODBINE AV	WISWELL ST	19	358.62	AC	524	27	VERY POOR	Y	
HAM20109	HUNTINGTON PL	AUDREY TER	AUBURN AV	30	422.63	AC	650	95	GOOD	Y	
HAM20153	HUNTINGTON PL	ELEANOR PL	AUDREY TER	30	405.37	AC	428	95	GOOD	Y	
HAM13172	HURD AV	PLAINVILLE RD	CINC|COLUTP CORPLINE	28	512.63	AC	650	42	POOR	Y	
HAM38232	HURD AV	TERM W OF PLAINVILLE RD	PLAINVILLE RD	15	444.45	AC	650	95	GOOD	Y	
HAM30969	HURLEY AV	ROBINWOOD AV	SCOTTWOOD AV	26	355.49	AC	462	46	POOR	Y	
HAM26219	HURON AV	FAIRFIELD AV	SPOKANE AV	30	339.96	AC	650	79	SATISFACTORY	Y	
HAM07750	HURON AV	GRAYDON AV	BONAPARTE AV	30	338.57	AC	316	67	FAIR	Y	
HAM07762	HURON AV	SPOKANE AV	GRAYDON AV	30	339.03	AC	650	69	FAIR	Y	
HAM08573	HUST AL	FRINTZ ST	SHARP AL	26	331.59	AC	650	75	SATISFACTORY	Y	
HAM20253	HUST AL	LANG ST	E MCMICKEN AV	11	663.29	AC	650	40	VERY POOR	Y	TOO NARROW FOR VAN ACCESS
HAM05677	HUST AL	SHARP AL	LANG ST	13	331.20	AC	650	32	VERY POOR	Y	
HAM08574	HUST AL	VINE ST	FRINTZ ST	11	569.60	AC	650	49	POOR	Y	UNCOLLECTED PORTION TOO NARROW FOR VAN ACCESS / BOOTS ON THE GROUND
HAM26352	HUTCHINS AV	READING RD	MAGILL AV	30	1817.22	AC	162	95	GOOD	Y	ONE WAY
HAM14469	HUTTON ST	GREENWOOD TER	MORSE ST	23	293.32	AC	631	77	SATISFACTORY	Y	
HAM14457	HUTTON ST	MORSE ST	WINTER ST	24	622.72	AC	425	73	SATISFACTORY	Y	
HAM14453	HUTTON ST	WINTER ST	WOOSTER RD	26	176.82	AC	650	55	POOR	Y	
HAM32108	HYDE PARK AV	HYDE PARK PL	ROSELLA AV	15	239.43	AC	272	91	GOOD	Y	
HAM19733	HYDE PARK AV	INVERNESS PL	HYDE PARK AV	30	435.02	AC	233	93	GOOD	Y	
HAM19732	HYDE PARK AV	MADISON RD	INVERNESS PL	30	370.37	AC	520	83	SATISFACTORY	Y	
HAM19734	HYDE PARK AV	MILLSBRAE AV	HYDE PARK AV	29	220.01	AC	647	84	SATISFACTORY	Y	
HAM32109	HYDE PARK AV	MINTO DR	HYDE PARK PL	15	91.02	AC	650	52	POOR	Y	
HAM32104	HYDE PARK AV	ROSELLA AV	WASSON RD	17	200.53	AC	650	60	FAIR	Y	
HAM19723	HYDE PARK AV	WASSON RD	MADISON RD	30	1546.71	AC	509	41	POOR	Y	
HAM11502	IBERIS AV	RED BANK RD	HEDGE AV	26	640.77	AC	536	91	GOOD	Y	
HAM26460	IBSEN AV	CALVERT ST	RIDGE AV	40	376.86	PCC	650	86	GOOD	Y	
HAM26459	IBSEN AV	MARBURG AV	CALVERT ST	40	745.46	PCC	472	94	GOOD	Y	
HAM26448	IBSEN AV	RIDGE AV	KENNEDY AV	41	569.80	PCC	650	96	GOOD	Y	
HAM27826	IDA ST	MONASTERY ST	PARADROME ST	33	797.09	PCC	321	100	GOOD	Y	
HAM26170	IDA ST	PARADROME ST	ART MUSEUM DR	32	613.05	AC	357	33	VERY POOR	Y	
HAM02627	IDAHO ST	SOUTHSIDE AV	RIVER RD	31	401.10	PCC	650	75	SATISFACTORY	Y	
HAM37677	IDEAL TER	TERM E OF BOUDINOT AV	BOUDINOT AV	24	198.06	AC	650	76	SATISFACTORY	Y	
HAM26411	IDLEWILD AV	BREWSTER AV	POTTER PL	36	330.99	AC	492	32	VERY POOR	Y	
HAM32077	IDLEWILD AV	POTTER PL	DANA AV	36	605.00	AC	650	40	VERY POOR	Y	
HAM02103	ILIFF AV	GLENWAY AV	W LIBERTY ST	29	1075.04	AC	362	94	GOOD	Y	
HAM32376	ILIFF AV	TALBERT ST	HEYWARD ST	29	826.69	AC	558	45	POOR	Y	
HAM02104	ILIFF AV	W LIBERTY ST	TALBERT ST	29	1007.93	AC	573	94	GOOD	Y	
HAM13218	INDIAN HILL RD	PLAINVILLE RD	CINC|COLUTP|INDNHL CORPLINE	22	630.64	AC	650	47	POOR	Y	
HAM37592	INDIAN LN	HOME CITY AV	TERM NE OF HOME CITY AV	10	276.24	AC	650	37	VERY POOR	Y	
HAM11133	INDIAN LN	PARKLAND AV	JERSEY AV	10	328.90	AC	650	77	SATISFACTORY	Y	
HAM26457	INDIAN MOUND AV	CINC|NOR CORPLINE	CYPRESS WY	30	917.16	AC	241	93	GOOD	Y	
HAM32669	INDIAN MOUND AV	MOUNDVIEW DR	CINC|NOR CORPLINE	30	302.38	AC	254	95	GOOD	Y	
HAM02604	INGALLS ST	PRINCETON ST	HILLSIDE AV	14	331.55	AC	650	39	VERY POOR	Y	
HAM02623	INGALLS ST	RIVER RD	PRINCETON ST	21	357.10	AC	650	53	POOR	Y	
HAM09359	INGLENOOK PL	INGLENOOK PL	GRIEST AV	18	784.74	AC	600	36	VERY POOR	Y	
HAM38855	INGLENOOK PL			4	230.51		-1	-1		N	ALLEY / BOOTS ON THE GROUND / PEDESTRAIN PATHWAY
HAM05921	INGLESIDE AV	E MCMILLAN ST	LOCUST ST	30	559.60	AC	451	34	VERY POOR	Y	
HAM05783	INGLESIDE AV	LOCUST ST	WILLIAM H TAFT RD	29	304.55	AC	650	45	POOR	Y	
HAM39432	INGLESIDE AV	TERM S OF E MCMILLAN ST	E MCMILLAN ST	24	570.97	AC	628	42	POOR	Y	
HAM07310	INGOL AL	KNOWLTON ST	MEDILL AL	6	160.68		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM07299	INGOL AL	MEDILL AL	LINGO ST	7	168.02		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM07231	INGOL AL	POPE AL	CHASE AV	7	178.20		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM09481	INNES AV	BRUCE AV	GLEN PARKER AV	31	1012.43	AC	464	100	GOOD	Y	
HAM01850	INNES AV	FREDERICK AV	PHILOMENA AV	30	260.40	AC	650	100	GOOD	Y	
HAM09480	INNES AV	GLEN PARKER AV	SCHNEIDER AV	31	311.59	AC	263	100	GOOD	Y	
HAM01846	INNES AV	PHILOMENA AV	OTTE AV	28	267.62	AC	650	97	GOOD	Y	
HAM02643	INNES AV	SCHNEIDER AV	FREDERICK AV	31	287.21	AC	650	100	GOOD	Y	
HAM37406	INTERN CT	WILLOWCOVE DR	TERM NW OF WILLOWCOVE DR	26	270.46	AC	586	84	SATISFACTORY	Y	
HAM17675	INTERSECTION ST	HILLSIDE AV	ALLENHAM ST	9	382.54	AC	650	61	FAIR	Y	
HAM39533	INTERVINE PL	VINE ST	TERM W OF VINE ST	17	292.18	AC	650	38	VERY POOR	Y	
HAM39532	INTERWOOD AV	BIDDLE ST	TERM NW OF INTERWOOD PL	23	419.24	AC	650	76	SATISFACTORY	Y	
HAM37303	INVERNESS PL	TERM SW OF HYDE PARK AV	HYDE PARK AV	19	433.81	AC	386	78	SATISFACTORY	Y	
HAM34632	IOLA AL	ARCH ST	E 4TH ST	6	238.13		-1	-1		N	ALLEY / BOOTS ON THE GROUND

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM11495	IONA AV	COLERIDGE AV	TERM E OF COLERIDGE AV	20	494.56	AC	650	86	GOOD	Y	
HAM11521	IONA AV	HEDGE AV	HEDGE AV	24	126.69	AC	306	65	FAIR	Y	
HAM11498	IONA AV	RED BANK RD	HEDGE AV	21	647.81	AC	361	84	SATISFACTORY	Y	
HAM24235	IOWA AV	MCGREGOR AV	MORGAN ST	31	843.00	AC	650	57	FAIR	Y	
HAM26200	IOWA AV	MORGAN ST	E MCMILLAN ST	30	562.26	AC	650	32	VERY POOR	Y	
HAM38561	IOWA AV	TERM S OF MCGREGOR AV	MCGREGOR AV	29	267.55	AC	650	42	POOR	Y	
HAM25844	IRA AL	ELKINS AL	W CENTRAL PKWY	10	117.79		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM25813	IRA AL	GARFIELD PL	WEAVER AL	6	119.75		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM25820	IRA AL	PENDERY AL	W COURT ST	7	166.82		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM25822	IRA AL	W 9TH ST	PENDERY AL	9	167.37		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM25832	IRA AL	W COURT ST	ELKINS AL	11	160.87		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM25804	IRA AL	WEAVER AL	W 9TH ST	6	161.61		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM35706	IRIS AV	AFTON AV	TERM NE OF AFTON AV	25	862.33	AC	241	71	SATISFACTORY	Y	
HAM11551	IRIS AV	BANTRY AV	KENNEDY AV	26	745.93	AC	492	32	VERY POOR	Y	
HAM11549	IRIS AV	IRIS AV SPLIT	BANTRY AV	24	484.28	AC	535	55	POOR	Y	
HAM35962	IRIS AV	IRIS AV SPLIT	TERM S OF IRIS AV SPLIT	30	66.50	AC	650	84	SATISFACTORY	Y	
HAM11575	IRIS AV	KENNEDY AV	AFTON AV	24	571.19	AC	471	62	FAIR	Y	
HAM35961	IRIS AV	TERM N OF IRIS AV SPLIT	IRIS AV SPLIT	24	358.11	AC	621	73	SATISFACTORY	Y	
HAM05843	IRMA AV	JEFFERSON AV	TERM W OF JEFFERSON AV	16	277.94	AC	650	68	FAIR	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM02707	IROLL AV	MCHENRY AV	KREMER AV	19	876.52	AC	650	50	POOR	Y	ONE WAY
HAM08076	IROQUOIS ST	FAIRMOUNT AV	VINTON ST	16	416.74	AC	396	36	VERY POOR	Y	
HAM37667	IRVELLA PL	EPWORTH CT	TERM W OF EPWORTH CT	25	494.85	AC	421	85	SATISFACTORY	Y	
HAM38404	IRVING ST	FOREST AV	TERM N OF FOREST AV	30	966.99	AC	603	76	SATISFACTORY	Y	
HAM38358	IRWIN PL	TERM W OF EDEN AV	EDEN AV	24	240.15	AC	650	86	GOOD	Y	
HAM38643	ISAAC AL	TERM E OF JOHN ST	JOHN ST	10	153.11	AC	650	76	SATISFACTORY	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM12179	ISABELLA AV	CADILLAC AV	SEAL ST	30	726.52	AC	223	67	FAIR	Y	
HAM12147	ISABELLA AV	SEAL ST	MADISON RD	30	824.93	AC	376	61	FAIR	Y	
HAM12757	ISABELLA AV	WASSON RD	CADILLAC AV	30	967.99	AC	433	51	POOR	Y	
HAM09382	ISIS AV	TERM S OF GRIEST AV	GRIEST AV	20	316.13	AC	650	52	POOR	Y	
HAM06710	ISLINGTON AV	AZALEA AV	WHETSEL AV	15	676.54	AC	247	90	GOOD	Y	ONE WAY
HAM11279	ISLINGTON AV	LA CROSSE AV	SHERWOOD AV	24	521.94	AC	332	93	GOOD	Y	ONE WAY
HAM11281	ISLINGTON AV	REX AV	AZALEA AV	15	583.90	AC	623	90	GOOD	Y	ONE WAY
HAM11280	ISLINGTON AV	SHERWOOD AV	REX AV	24	322.76	AC	417	92	GOOD	Y	ONE WAY
HAM06711	ISLINGTON AV	WHETSEL AV	WATTERSON ST	15	334.08	AC	650	92	GOOD	Y	ONE WAY
HAM00241	IVANHOE AV	GRACELY DR	HOVAN AL	36	160.50	AC	650	31	VERY POOR	Y	
HAM00311	IVANHOE AV	HOME CITY AV	HILLSIDE AV	14	606.05	AC	431	74	SATISFACTORY	Y	
HAM00240	IVANHOE AV	HOVAN AL	PARKLAND AV	36	154.30	AC	650	33	VERY POOR	Y	
HAM00242	IVANHOE AV	MONIHOE AL	GRACELY DR	33	156.62	AC	650	53	POOR	Y	
HAM00220	IVANHOE AV	REVERE AV	HOME CITY AV	29	507.12	AC	650	66	FAIR	Y	
HAM37141	IVANHOE AV	TERM SW OF MONIHOE AL	MONIHOE AL	33	112.55	AC	650	54	POOR	Y	
HAM17418	IVY AV	LARKSPUR AV	VISTA AV	24	293.40	AC	650	69	FAIR	Y	
HAM17419	IVY AV	POTOMAC AV	LILAC AV	25	234.65	AC	589	56	FAIR	Y	
HAM54062	IVY AV	TERM E OF LARKSPUR AV	LARKSPUR AV	24	116.82	AC	650	78	SATISFACTORY	Y	
HAM17417	IVY AV	VISTA AV	POTOMAC AV	25	159.15	AC	525	76	SATISFACTORY	Y	
HAM25862	JACKSON ST	E 12TH ST	E 13TH ST	31	425.35	AC	650	85	SATISFACTORY	Y	
HAM25746	JACKSON ST	E CENTRAL PKWY	E 12TH ST	29	385.65	AC	650	84	SATISFACTORY	Y	ONE WAY
HAM03566	JACOB AV	ALLVIEW CIR	CINC|GREETP CORPLINE	24	146.88	AC	584	49	POOR	Y	
HAM35564	JADARO CT	TERM S OF FEDERAL DR	WERK RD	34	455.13	AC	650	65	FAIR	Y	
HAM38226	JAMESON ST	BUCKINGHAM PL	TERM N OF BUCKINGHAM PL	13	168.10	AC	637	100	GOOD	Y	
HAM38218	JAMESON ST	EAST LEDGE ST	TERM N OF EAST LEDGE ST	22	149.80	AC	650	60	FAIR	Y	
HAM13130	JAMESON ST	GRANADA ST	UNNAMED AL	27	467.78	AC	189	59	FAIR	Y	
HAM13201	JAMESON ST	MADISON RD	EAST LEDGE ST	24	329.49	AC	650	75	SATISFACTORY	Y	
HAM13150	JAMESON ST	ROE ST	BUCKINGHAM PL	14	304.83	AC	650	99	GOOD	Y	
HAM38217	JAMESON ST	TERM S OF GRANADA ST	GRANADA ST	26	210.79	AC	650	86	GOOD	Y	
HAM13129	JAMESON ST	UNNAMED AL	MADISON RD	25	177.90	AC	650	76	SATISFACTORY	Y	
HAM03336	JAMESTOWN ST	ROSEMONT AV	SUNSET AV	19	582.01	AC	636	84	SATISFACTORY	Y	ONE WAY
HAM03310	JAMESTOWN ST	SUNSET AV	RUTLEDGE AV	22	707.52	AC	650	85	SATISFACTORY	Y	
HAM01849	JANET ST	TERM S OF GLEN ARMAND AV	GLEN ARMAND AV	18	317.89	AC	650	58	FAIR	Y	
HAM38047	JANLIN CT	TERM SE OF PARKCREST LN	PARKCREST LN	25	924.58	AC	520	75	SATISFACTORY	Y	
HAM34716	JEFFERSON AV	BISHOP ST	BROOKLINE AV	42	826.71	AC	146	83	SATISFACTORY	Y	
HAM62186	JEFFERSON AV	CALHOUN ST	JEFFERSON AV TO CALHOUN ST RAMP	70	297.10	AC	259	51	POOR	Y	
HAM05846	JEFFERSON AV	IRMA AV	RUTHER AV	40	388.68	AC	164	80	SATISFACTORY	Y	
HAM62234	JEFFERSON AV	JEFFERSON AV	W MLK JR DR TO JEFFERSON AV RAMP	30	344.35	AC	650	62	FAIR	Y	
HAM62187	JEFFERSON AV	JEFFERSON AV TO CALHOUN ST RAMP	CORRY BLVD	70	167.26	AC	218	66	FAIR	Y	
HAM33109	JEFFERSON AV	NIXON ST	IRMA AV	41	384.39	AC	187	79	SATISFACTORY	Y	
HAM16768	JEFFERSON AV	RUTHER AV	BISHOP ST	46	300.19	AC	188	81	SATISFACTORY	Y	
HAM14856	JEFFERSON AV	W CHARLTON ST	W DANIELS ST	70	461.41	AC	310	43	POOR	Y	
HAM14858	JEFFERSON AV	W CORRY ST	W CHARLTON ST	71	475.17	AC	650	29	VERY POOR	Y	
HAM34693	JEFFERSON AV	W DANIELS ST	W UNIVERSITY AV	69	461.30	AC	251	39	VERY POOR	Y	
HAM62232	JEFFERSON AV	W UNIVERSITY AV	JEFFERSON AV TO W MLK JR DR RAMP	30	630.89	AC	300	41	POOR	Y	
HAM38774	JENNIE LN	TERM S OF WILLNET DR	WILLNET DR	25	515.94	AC	584	68	FAIR	Y	
HAM15440	JENNIFER CT	EPWORTH AV	STATHEM AV	9	649.64	AC	650	73	SATISFACTORY	Y	
HAM07387	JEROME AV	HANFIELD ST	CHASE AV	30	445.38	AC	387	42	POOR	Y	
HAM07418	JEROME AV	TERM S OF HANFIELD ST	HANFIELD ST	28	340.26	AC	650	42	POOR	Y	
HAM27652	JEROME ST	CELESTIAL ST	ST GREGORY ST	29	389.87	BR	650	-1		Y	
HAM38864	JERRY LN	TERM S OF HARDISTY AV	HARDISTY AV	20	274.88	AC	397	90	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM11131	JERSEY AV	CHEROKEE AV	INDIAN LN	30	453.34	AC	584	63	FAIR	Y	
HAM11121	JERSEY AV	ELCO ST	CHEROKEE AV	16	757.15	AC	493	40	VERY POOR	Y	
HAM11128	JERSEY AV	INDIAN LN	TERM NW OF INDIAN LN	15	197.23	AC	650	100	GOOD	Y	
HAM37146	JERSEY AV	TERM SE OF ELCO ST	ELCO ST	11	374.22	AC	650	95	GOOD	Y	
HAM38816	JESSAMINE AV	TERM S OF TOWNSHIP ST	TOWNSHIP ST	24	483.07	AC	584	95	GOOD	Y	
HAM25585	JESSAMINE AV	TOWNSHIP ST	HOPPLE ST	24	827.91	AC	476	95	GOOD	Y	
HAM58052	JESSE LN	TERM E OF LOCKER CT	LOCKER CT	30	190.61	AC	650	87	GOOD	Y	
HAM15105	JESSUP RD	COLERAIN AV	VOGEL RD	25	771.51	AC	588	92	GOOD	Y	
HAM07353	JESTER ST	PITTS AV	GORDON ST	18	377.32	AC	556	46	POOR	Y	ONE WAY
HAM07368	JO WILLIAMS ST	BLUE ROCK ST	COLERAIN AV	23	212.30	AC	618	88	GOOD	Y	
HAM38874	JOANA PL	AMETHYST ST	TERM NW OF AMETHYST ST	24	266.57	AC	650	79	SATISFACTORY	Y	
HAM38875	JOANA PL	TERM SE OF AMETHYST ST	AMETHYST ST	24	254.91	AC	650	91	GOOD	Y	
HAM34615	JOE NUXHALL WY	E FREEDOM WY	E 2ND ST	44	383.94	PCC	534	24	SERIOUS	Y	
HAM54665	JOE NUXHALL WY	E MEHRING WY	E FREEDOM WY	45	528.25	PCC	650	64	FAIR	Y	
HAM30722	JOHN ST	BARTON DR	DAVID ST	30	115.57	AC	138	95	GOOD	Y	
HAM08298	JOHN ST	BAUER AV	W LIBERTY ST	31	205.69	AC	317	93	GOOD	Y	
HAM30710	JOHN ST	BETTON ST	LOWE DR	31	115.23	AC	163	95	GOOD	Y	
HAM08341	JOHN ST	CHARLOTTE ST	YORK ST	30	122.38	AC	650	62	FAIR	Y	
HAM25752	JOHN ST	CHESTNUT ST	CLARK ST	32	247.41	AC	302	54	POOR	Y	ONE WAY
HAM25758	JOHN ST	CLARK ST	HOPKINS ST	31	238.10	AC	650	95	GOOD	Y	ONE WAY
HAM30707	JOHN ST	CLAYERS LN	BETTON ST	30	114.16	AC	244	95	GOOD	Y	
HAM30726	JOHN ST	DAVID ST	HULSE DR	30	112.97	AC	144	95	GOOD	Y	
HAM30719	JOHN ST	DERRICK TURNBOW AV	BARTON DR	30	122.93	AC	650	95	GOOD	Y	
HAM25891	JOHN ST	ELIZABETH ST	CHESTNUT ST	26	251.64	AC	368	44	POOR	Y	ONE WAY
HAM30714	JOHN ST	EZZARD CHARLES DR	NEAR DR	30	157.39	AC	583	95	GOOD	Y	
HAM08340	JOHN ST	FINDLAY ST	CHARLOTTE ST	30	255.14	AC	650	65	FAIR	Y	
HAM32216	JOHN ST	GENESSEE ST	CLAYERS LN	30	118.85	AC	157	95	GOOD	Y	
HAM31901	JOHN ST	HOPKINS ST	ISAAC AL	29	119.53	AC	191	95	GOOD	Y	ONE WAY
HAM30727	JOHN ST	HULSE DR	WADE ST	30	98.74	AC	174	95	GOOD	Y	
HAM08960	JOHN ST	ISAAC AL	EZZARD CHARLES DR	30	203.22	AC	308	96	GOOD	Y	ONE WAY
HAM08287	JOHN ST	LIVINGSTON ST	FINDLAY ST	31	229.91	AC	650	65	FAIR	Y	
HAM30711	JOHN ST	LOWE DR	DERRICK TURNBOW AV	30	123.16	AC	650	95	GOOD	Y	
HAM30715	JOHN ST	NEAR DR	GENESSEE ST	29	119.57	AC	212	95	GOOD	Y	
HAM30638	JOHN ST	OLIVER ST	POPLAR ST	31	227.56	AC	284	71	SATISFACTORY	Y	
HAM08289	JOHN ST	POPLAR ST	LIVINGSTON ST	31	232.96	AC	553	86	GOOD	Y	
HAM27594	JOHN ST	W 3RD ST	TERM N OF W 3RD ST	37	417.93	AC	650	33	VERY POOR	Y	
HAM26029	JOHN ST	W COURT ST	ELIZABETH ST	25	262.06	AC	650	38	VERY POOR	Y	ONE WAY
HAM08312	JOHN ST	W LIBERTY ST	OLIVER ST	30	250.04	AC	561	80	SATISFACTORY	Y	
HAM30631	JOHN ST	WADE ST	BAUER AV	31	222.04	AC	155	95	GOOD	Y	
HAM38451	JOHN ST	YORK ST	TERM N OF YORK ST	15	204.47		-1	-1		N	BLOCKED BY GATE
HAM37936	JOHNSTONE PL	TERM S OF MADISON RD	MADISON RD	25	928.89	AC	577	61	FAIR	Y	
HAM32085	JONATHAN AV	FERNSIDE PL	WOODBURN AV	31	395.95	AC	650	46	POOR	Y	
HAM26403	JONATHAN AV	GREENLAWN AV	MONTGOMERY RD	36	626.02	AC	358	62	FAIR	Y	
HAM26420	JONATHAN AV	ROSELAWN PL	GREENLAWN AV	36	217.46	AC	254	46	POOR	Y	
HAM26362	JONATHAN AV	SULSAR AV	FERNSIDE PL	40	1785.51	AC	264	50	POOR	Y	
HAM26361	JONATHAN AV	VICTORY PKWY	SULSAR AV	42	613.28	AC	461	55	POOR	Y	
HAM26433	JONATHAN AV	WOODBURN AV	ROSELAWN PL	36	271.27	AC	557	50	POOR	Y	
HAM30753	JONES ST	BENT DR	WADE ST	28	96.00	AC	650	75	SATISFACTORY	Y	
HAM30746	JONES ST	BETTON ST	PERU DR	26	111.00	AC	447	82	SATISFACTORY	Y	
HAM30758	JONES ST	DAVID ST	BENT DR	26	109.00	AC	208	85	SATISFACTORY	Y	
HAM30884	JONES ST	DERRICK TURNBOW AV	LUKE DR	26	117.33	AC	530	61	FAIR	Y	
HAM30757	JONES ST	LUKE DR	DAVID ST	27	111.50	AC	311	77	SATISFACTORY	Y	
HAM30883	JONES ST	PERU DR	DERRICK TURNBOW AV	25	118.67	AC	650	73	SATISFACTORY	Y	
HAM02562	JONTE AV	GRAEBE AV	SCHOEDINGER AV	13	123.38	AC	650	93	GOOD	Y	
HAM02563	JONTE AV	SCHOEDINGER AV	QUEBEC RD	14	321.42	AC	650	95	GOOD	Y	
HAM10572	JORA LN	PAXTON AV	BROTHERTON RD	24	1014.94	AC	447	71	SATISFACTORY	Y	
HAM31207	JOSELIN AL	JOSELIN AV	PROBASCO ST	8	529.62	AC	650	26	VERY POOR	Y	UNCOLLECTED PORTION BLOCKED BY GATE
HAM34091	JOSELIN AL	TERM S OF JOSELIN AV	JOSELIN AV	11	169.19	PCC	650	64	FAIR	Y	
HAM19872	JOSELIN AV	CLIFTON AV	JOSELIN AL	23	255.63	AC	650	36	VERY POOR	Y	
HAM54228	JOSELIN AV	DIGBY AV	TERM W OF DIGBY AV	26	154.66	AC	650	37	VERY POOR	Y	
HAM19873	JOSELIN AV	JOSELIN AL	STRATFORD AV	23	183.75	AC	650	34	VERY POOR	Y	
HAM19871	JOSELIN AV	STRATFORD AV	DIGBY AV	22	327.14	AC	650	38	VERY POOR	Y	
HAM23899	JOSEPH ST	MATLOCK AV	YARMOUTH PL	20	837.96	AC	171	86	GOOD	Y	
HAM23897	JOSEPH ST	OBERLIN AV	MATLOCK AV	20	550.77	AC	228	90	GOOD	Y	
HAM40491	JOSEPH ST	TERM W OF OBERLIN AV	OBERLIN AV	20	320.72	AC	434	90	GOOD	Y	
HAM23900	JOSEPH ST	YARMOUTH PL	READING RD	20	468.32	AC	460	64	FAIR	Y	
HAM20358	JOSEPHINE ST	CARMALT ST	DORCHESTER AV	34	312.61	AC	626	72	SATISFACTORY	Y	
HAM20366	JOSEPHINE ST	RINGGOLD ST	CARMALT ST	34	661.06	AC	222	61	FAIR	Y	
HAM22099	JOYCE LN	E SEYMOUR AV	E SEYMOUR AV	30	1025.76	AC	388	75	SATISFACTORY	Y	ONE WAY
HAM05928	JUERGENS AV	LAUK ST	GREEN HILL AV	25	1017.60	AC	650	31	VERY POOR	Y	
HAM05882	JUERGENS AV	VINE ST	LAUK ST	25	321.99	AC	650	48	POOR	Y	
HAM38421	JUNE ST	READING RD	ESSEX PL	36	205.89	AC	528	43	POOR	Y	
HAM38422	JUNE ST	TERM W OF MAY ST	MAY ST	36	219.36	AC	650	68	FAIR	Y	
HAM15439	JUNIETTA AV	EPWORTH AV	STATHEM AV	24	649.44	AC	319	95	GOOD	Y	
HAM13557	JUNIPER AV	EDGETREE LN	GLENNA DR	24	333.96	AC	650	43	POOR	Y	
HAM13559	JUNIPER AV	SEIBEL LN	WOODBRIAR LN	24	310.23	AC	650	42	POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM13558	JUNIPER AV	WOODBRIAR LN	EDGETREE LN	24	330.07	AC	430	36	VERY POOR	Y	
HAM07402	JUSTIN AL	LOOKER AL	GORHAM AL	9	159.86		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM39241	JUSTIS ST	RICE ST	TERM E OF RICE ST	25	480.50	AC	621	95	GOOD	Y	
HAM39684	KANAUGA CT	KANAUGA ST	TERM SE OF KANAUGA ST	25	510.23	AC	375	53	POOR	Y	
HAM30090	KANAUGA ST	CHARLOE ST	KANAUGA CT	25	214.84	AC	606	36	VERY POOR	Y	
HAM02942	KARLA DR	TERM E OF ROBERT AV	ROBERT AV	24	249.15	AC	650	47	POOR	Y	
HAM05841	KASOTA ST	BURNET AV	HARVEY AV	30	612.99	AC	650	93	GOOD	Y	
HAM36162	KATHLEEN CT	TERM E OF VOGEL RD	VOGEL RD	24	306.32	AC	650	95	GOOD	Y	
HAM37978	KATHY LN	TERM E OF GEROLD DR	GEROLD DR	25	388.62	AC	636	79	SATISFACTORY	Y	
HAM30294	KEARNEY ST	WOODBINE AV	ANTHONY WAYNE AV	21	1186.72	AC	400	92	GOOD	Y	
HAM02210	KEBLER AL	ESMONDE ST	KEBLER ST	3	271.14		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM02204	KEBLER ST	KEBLER AL	QUEEN CITY AV	25	238.91	AC	650	92	GOOD	Y	
HAM50488	KECO PL	TERM SE OF BEEKMAN ST	KNOX ST	27	109.19	AC	650	49	POOR	Y	
HAM12452	KEEN AV	CALIFORNIA AV	ROSE PL	26	270.46	AC	295	81	SATISFACTORY	Y	
HAM39701	KEEN AV	ROSE PL	TERM N OF ROSE PL	29	128.19	AC	650	81	SATISFACTORY	Y	
HAM18342	KEENAN AV	STATION AV	WINTON RD	25	444.60	AC	650	57	FAIR	Y	
HAM19049	KELLOGG AV	ANCHORAGE RD	STITES RD	40	1526.06	AC	135	83	SATISFACTORY	Y	
HAM19044	KELLOGG AV	APPLE HILL RD	RENSLAR AV	36	1752.90	AC	197	52	POOR	Y	
HAM19045	KELLOGG AV	CANOE CT	APPLE HILL RD	50	3766.27	AC	168	64	FAIR	Y	
HAM19034	KELLOGG AV	CARREL ST	LUMSDEN ST	44	1596.23	AC	153	65	FAIR	Y	
HAM19027	KELLOGG AV	CONGRESS AV	DONHAM AV	45	964.86	AC	197	69	FAIR	Y	
HAM19010	KELLOGG AV	DONHAM AV	TENNYSON ST	44	644.38	AC	191	75	SATISFACTORY	Y	
HAM19038	KELLOGG AV	ELDORADO AV	KILGORRAN ST	36	328.27	AC	179	54	POOR	Y	
HAM19211	KELLOGG AV	GASSAWAY RD	ANCHORAGE RD	41	1131.96	AC	102	76	SATISFACTORY	Y	
HAM30260	KELLOGG AV	I-275 WB EXWY TO KELLOGG AV RAMP	KELLOGG AV TO I-275 WB EXWY RAMP	58	453.00	AC	141	68	FAIR	Y	
HAM30258	KELLOGG AV	KELLOGG AV TO I-275 EB EXWY RAMP	PENN AV	75	841.99	AC	139	77	SATISFACTORY	Y	
HAM30259	KELLOGG AV	KELLOGG AV TO I-275 WB EXWY RAMP	I-275 WB EXWY TO KELLOGG AV RAMP	58	303.34	AC	141	80	SATISFACTORY	Y	
HAM30268	KELLOGG AV	KELLOGG AV TO I-275 WB EXWY RAMP	KELLOGG AV TO I-275 EB EXWY RAMP	74	591.14	AC	154	73	SATISFACTORY	Y	
HAM19047	KELLOGG AV	KELLOGG AV TO SALEM RD RAMP	CANOE CT	51	532.32	AC	140	87	GOOD	Y	
HAM19041	KELLOGG AV	KENWOOD AV	ROHDE AV	37	441.77	AC	213	62	FAIR	Y	
HAM19040	KELLOGG AV	KILGORRAN ST	WAITS AV	36	167.64	AC	206	67	FAIR	Y	
HAM19033	KELLOGG AV	LUMSDEN ST	WILMER AV	54	406.53	AC	250	72	SATISFACTORY	Y	
HAM19013	KELLOGG AV	MCCULLOUGH ST	CARREL ST	44	395.15	AC	200	71	SATISFACTORY	Y	
HAM30249	KELLOGG AV	PENN AV	SUTTON RD	68	732.65	AC	399	75	SATISFACTORY	Y	
HAM19043	KELLOGG AV	RENSLAR AV	KENWOOD AV	36	483.76	AC	159	50	POOR	Y	
HAM19035	KELLOGG AV	RIVERSIDE DR	STANLEY AV	56	989.24	AC	194	91	GOOD	Y	
HAM19042	KELLOGG AV	ROHDE AV	ELDORADO AV	36	490.74	AC	186	65	FAIR	Y	
HAM62253	KELLOGG AV	SALEM RD	CANOE CT	51	589.14	AC	189	87	GOOD	Y	
HAM35206	KELLOGG AV	SALEM RD TO KELLOGG AV RAMP	SALEM RD	49	667.22	AC	138	92	GOOD	Y	
HAM62254	KELLOGG AV	SALEM RD TO KELLOGG AV RAMP	KELLOGG AV TO SALEM RD RAMP	49	739.92	AC	126	86	GOOD	Y	
HAM19026	KELLOGG AV	STANLEY AV	CONGRESS AV	69	290.39	AC	296	67	FAIR	Y	
HAM40936	KELLOGG AV	STITES RD	SALEM RD TO KELLOGG AV RAMP	40	2694.54	AC	111	83	SATISFACTORY	Y	
HAM19011	KELLOGG AV	TENNYSON ST	MCCULLOUGH ST	44	398.43	AC	175	75	SATISFACTORY	Y	
HAM30252	KELLOGG AV	WAITS AV	KELLOGG AV TO I-275 WB EXWY RAMP	48	464.97	AC	204	77	SATISFACTORY	Y	
HAM19009	KELLOGG AV	WILMER AV	GASSAWAY RD	40	1839.21	AC	142	78	SATISFACTORY	Y	
HAM30262	KELLOGG AV TO I-275 EB EXWY RAMP	I-275 EB EXWY TO KELLOGG AV RAMP	I-275 EB EXWY	24	2094.58	AC	96	95	GOOD	Y	ONE WAY
HAM30263	KELLOGG AV TO I-275 WB EXWY RAMP	KELLOGG AV	I-275 WB EXWY	22	1889.01	AC	113	95	GOOD	Y	ONE WAY
HAM30271	KELLOGG AV TO I-275 WB EXWY RAMP	KELLOGG AV	I-275 WB EXWY	27	2040.51	AC	111	97	GOOD	Y	ONE WAY
HAM35212	KELLOGG AV TO SALEM RD RAMP	KELLOGG AV	SALEM RD	21	1710.01	AC	217	66	FAIR	Y	ONE WAY
HAM38887	KELLYWOOD AV	GUERLEY RD	TERM N OF GUERLEY RD	18	1119.82	AC	483	90	GOOD	Y	
HAM39666	KELSCH LN	TERM S OF CHARLEMAR DR	CHARLEMAR DR	24	563.71	AC	650	93	GOOD	Y	
HAM08414	KEMP AL	FALL AL	W LIBERTY ST	21	296.40	PCC	650	65	FAIR	Y	
HAM34110	KEMPER LN	COLUMBIA PKWY	FRANCIS LN	36	627.55	AC	212	47	POOR	Y	
HAM05561	KEMPER LN	CROSS LN	CURTIS ST	35	111.98	AC	426	59	FAIR	Y	
HAM05564	KEMPER LN	CURTIS ST	E MCMILLAN ST	36	230.16	AC	583	54	POOR	Y	
HAM05784	KEMPER LN	E MCMILLAN ST	WILLIAM H TAFT RD	36	561.69	AC	650	46	POOR	Y	
HAM05544	KEMPER LN	FRANCIS LN	NASSAU ST	35	761.86	AC	313	51	POOR	Y	
HAM54524	KEMPER LN	NASSAU ST	VOLTERRA LN	36	262.38	AC	650	35	VERY POOR	Y	
HAM34441	KEMPER LN	RIVERSIDE DR	COLUMBIA PKWY	26	1122.67	AC	650	89	GOOD	Y	ONE WAY
HAM40770	KEMPER LN	VOLTERRA LN	WINDSOR ST	36	377.18	AC	260	44	POOR	Y	
HAM21517	KEMPER LN	WILLIAM H TAFT RD	YALE AV	29	606.59	AC	650	100	GOOD	Y	
HAM05574	KEMPER LN	WINDSOR ST	CROSS LN	36	946.84	AC	271	50	POOR	Y	
HAM27249	KENARD AV	W MITCHELL AV	CLIFTON AV	38	1566.04	PCC	650	76	SATISFACTORY	Y	
HAM19739	KENDALL AV	GROVEDALE PL	SIGSBEE ST	23	806.79	AC	258	59	FAIR	Y	
HAM17402	KENDALL AV	MADISON RD	VILLA LN	24	420.55	AC	514	33	VERY POOR	Y	
HAM17407	KENDALL AV	VILLA LN	GROVEDALE PL	23	197.46	AC	650	36	VERY POOR	Y	
HAM36751	KENILWORTH PL	TERM NW OF WINTER ST	WINTER ST	45	452.28	AC	523	57	FAIR	Y	
HAM18774	KENLEE DR	COFFEY ST	SILVERFOX DR	28	1235.24	AC	475	73	SATISFACTORY	Y	
HAM32297	KENLEE DR	SILVERFOX DR	COPPERLEAF LN	28	372.29	AC	290	74	SATISFACTORY	Y	
HAM06667	KENMORE AV	BRITTON AV	MERWIN AV	27	268.60	AC	650	55	POOR	Y	
HAM06682	KENMORE AV	CINC|COLUTP CORPLINE	PALMETTO ST	26	151.68	AC	650	49	POOR	Y	
HAM06668	KENMORE AV	MERWIN AV	POLMEYER AL	28	141.21	AC	650	68	FAIR	Y	
HAM06657	KENMORE AV	PALMETTO ST	BRITTON AV	28	298.18	AC	650	45	POOR	Y	
HAM07191	KENNEDY AV	AIKENSIDE AV	WOODFORD RD	30	348.30	AC	650	41	POOR	Y	
HAM59871	KENNEDY AV	CINC|COLUTP CORPLINE	ROBISON RD	24	490.09	AC	213	42	POOR	Y	
HAM11595	KENNEDY AV	CONGREVE AV	DICKENS AV	33	591.97	AC	406	37	VERY POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM07188	KENNEDY AV	DICKENS AV	AIKENSIDE AV	34	648.41	AC	222	58	FAIR	Y	
HAM30122	KENNEDY AV	DUCK CREEK RD	CINC|COLUTP CORPLINE	48	160.59	PCC	478	96	GOOD	Y	
HAM59872	KENNEDY AV	HILL AND DALE	CINC|COLUTP CORPLINE	24	328.98	AC	385	47	POOR	Y	
HAM57192	KENNEDY AV	IBSEN AV	MILL RIDGE RD	30	636.03	PCC	263	88	GOOD	Y	
HAM11567	KENNEDY AV	IRIS AV	IRIS AV	24	224.03	AC	510	72	SATISFACTORY	Y	
HAM35959	KENNEDY AV	IRIS AV	TERM N OF IRIS AV	25	1041.88	AC	328	82	SATISFACTORY	Y	
HAM04591	KENNEDY AV	LUMFORD PL	RAVENWOOD AV	29	363.38	AC	418	53	POOR	Y	
HAM57191	KENNEDY AV	MADISON RD	IBSEN AV	30	332.68	PCC	627	90	GOOD	Y	
HAM57214	KENNEDY AV	MILL RIDGE RD	DUCK CREEK RD	30	1357.36	PCC	315	91	GOOD	Y	
HAM11550	KENNEDY AV	MONTGOMERY RD	IRIS AV	24	434.25	AC	502	68	FAIR	Y	
HAM04590	KENNEDY AV	NORTHDALE PL	LUMFORD PL	29	317.85	AC	443	52	POOR	Y	
HAM04746	KENNEDY AV	RAVENWOOD AV	SOLAR VISTA PL	31	427.43	AC	478	30	VERY POOR	Y	
HAM04745	KENNEDY AV	SOLAR VISTA PL	ZINSLE AV	31	326.62	AC	462	33	VERY POOR	Y	
HAM04849	KENNEDY AV	WOODFORD RD	NORTHDALE PL	29	710.05	AC	550	75	SATISFACTORY	Y	
HAM04744	KENNEDY AV	ZINSLE AV	ZINSLE AV	30	105.75	AC	621	44	POOR	Y	
HAM33881	KENNEDY AV	ZINSLE AV	MONTGOMERY RD	30	954.39	AC	609	46	POOR	Y	
HAM38630	KENNER ST	DALTON AV	TERM W OF DALTON AV	49	506.02	AC	600	68	FAIR	Y	
HAM27498	KENNER ST	DENMAN ST	DALTON AV	40	833.13	AC	406	47	POOR	Y	
HAM32224	KENNER ST	WESTERN AV	DENMAN ST	40	354.72	AC	435	44	POOR	Y	
HAM00426	KENNETH AV	ATWOOD AV	HOMESIDE AV	24	337.04	AC	650	95	GOOD	Y	
HAM03290	KENNETH AV	CEDAR AV	ATWOOD AV	24	362.09	AC	320	95	GOOD	Y	
HAM01955	KENNETH AV	GROESBECK RD	WEST WY	24	370.20	AC	650	34	VERY POOR	Y	
HAM03280	KENNETH AV	N LYNNEBROOK DR	CEDAR AV	25	302.77	AC	367	47	POOR	Y	
HAM01950	KENNETH AV	S LYNNEBROOK DR	N LYNNEBROOK DR	25	248.06	AC	176	39	VERY POOR	Y	
HAM01952	KENNETH AV	WEST WY	S LYNNEBROOK DR	24	268.04	AC	370	54	POOR	Y	
HAM30967	KENOVA AV	ELMSHADE AV	SCOTTWOOD AV	21	644.19	AC	446	42	POOR	Y	
HAM19503	KENOVA AV	SCOTTWOOD AV	LOSANTIVILLE AV	28	342.22	AC	650	45	POOR	Y	
HAM37856	KENOVA AV	TERM W OF ELMSHADE AV	ELMSHADE AV	20	545.98	AC	553	54	POOR	Y	
HAM02322	KENSINGTON PL	MANSION AV	WOODLAWN AV	30	272.45	AC	650	93	GOOD	Y	
HAM37961	KENTFORD CT	CINC|DELHTP CORPLINE	TERM W OF KENTFORD CT SPLIT	27	363.58	AC	458	90	GOOD	Y	
HAM07912	KENTON ST	BURBANK ST	MORGAN ST	30	274.86	AC	321	52	POOR	Y	
HAM27929	KENTON ST	LINDSAY AL	E MCMILLAN ST	29	143.95	AC	650	45	POOR	Y	
HAM20171	KENTON ST	MCGREGOR AV	WILKINSON ST	30	274.11	AC	397	64	FAIR	Y	
HAM20164	KENTON ST	MONROE ST	MCGREGOR AV	31	268.78	AC	323	68	FAIR	Y	
HAM07903	KENTON ST	MORGAN ST	WAYNE ST	30	275.54	AC	241	48	POOR	Y	
HAM26194	KENTON ST	WAYNE ST	LINDSAY AL	31	134.93	AC	276	65	FAIR	Y	
HAM07905	KENTON ST	WILKINSON ST	BURBANK ST	31	275.20	AC	226	70	FAIR	Y	
HAM02665	KENTUCKY AV	CARLIN ST	LEEPER ST	24	310.04	AC	650	37	VERY POOR	Y	
HAM35502	KENTUCKY AV	TERM E OF CARLIN ST	CARLIN ST	23	141.80	AC	650	32	VERY POOR	Y	
HAM35507	KENTUCKY AV	TERM W OF VIRGINIA AV	VIRGINIA AV	24	140.95	AC	650	46	POOR	Y	
HAM06155	KENWOOD AV	BERTE ST	BRYSON ST	12	292.70	AC	342	86	GOOD	Y	
HAM06153	KENWOOD AV	BRYSON ST	CROSLIN ST	12	286.96	AC	532	74	SATISFACTORY	Y	
HAM06151	KENWOOD AV	CROSLIN ST	HANEY ST	14	150.88	AC	423	70	FAIR	Y	
HAM06150	KENWOOD AV	HANEY ST	LINNEMAN ST	11	320.82	AC	387	78	SATISFACTORY	Y	
HAM06143	KENWOOD AV	KOEHLER ST	KELLOGG AV	13	85.85	AC	650	60	FAIR	Y	
HAM06146	KENWOOD AV	LINNEMAN ST	POMEROY ST	14	308.62	AC	309	53	POOR	Y	
HAM06159	KENWOOD AV	PANAMA ST	BERTE ST	14	242.63	AC	573	86	GOOD	Y	
HAM06145	KENWOOD AV	POMEROY ST	KOEHLER ST	13	143.18	AC	485	47	POOR	Y	
HAM57673	KENWOOD RD	CHANDLER ST	GRAND VISTA CT	30	1320.61	AC	202	73	SATISFACTORY	Y	
HAM13242	KENWOOD RD	DESMOND ST	CHANDLER ST	30	362.72	AC	214	75	SATISFACTORY	Y	
HAM57674	KENWOOD RD	GRAND VISTA CT	TERM N OF	30	899.72	AC	247	66	FAIR	Y	
HAM13099	KENWOOD RD	MADISON RD	SIERRA ST	30	383.90	AC	409	68	FAIR	Y	
HAM13098	KENWOOD RD	SIERRA ST	DESMOND ST	30	336.80	AC	253	70	FAIR	Y	
HAM24161	KERPER AV	BUENA VISTA PL	ALTOONA ST	26	239.99	AC	360	100	GOOD	Y	
HAM24162	KERPER AV	TERM SW OF BUENA VISTA PL	BUENA VISTA PL	24	144.35	AC	650	95	GOOD	Y	
HAM26983	KESSLER AV	VINE ST	KESSLER PL	30	598.65	AC	650	53	POOR	Y	
HAM27239	KESSLER AV	W MITCHELL AV	WUEST ST	29	424.74	AC	650	56	FAIR	Y	
HAM26985	KESSLER AV	WUEST ST	KESSLER PL	16	313.15	AC	650	38	VERY POOR	Y	ONE WAY
HAM38516	KESSLER PL	KESSLER AV	TERM W OF KESSLER AV	20	458.62	AC	634	39	VERY POOR	Y	
HAM38259	KEWANEE LN	WASIGO DR	TERM NE OF WASIGO DR	25	411.46	AC	650	74	SATISFACTORY	Y	
HAM05757	KEYS CRSC	KEYS CRESCENT LN	MADISON RD	26	1103.12	AC	309	80	SATISFACTORY	Y	
HAM05989	KEYS CRSC	MADISON RD	KEYS CRESCENT LN	26	319.05	AC	650	81	SATISFACTORY	Y	
HAM37931	KEYSTONE DR	HOKEL LN	TERM N OF HOKEL LN	25	632.74	AC	489	39	VERY POOR	Y	
HAM25677	KEYSTONE DR	TERM SW OF HOKEL LN	HOKEL LN	24	108.92	AC	650	62	FAIR	Y	
HAM08275	KEYWITT AL	CHARLOTTE ST	YORK ST	9	122.56		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM08322	KEYWITT AL	FINDLAY ST	CHARLOTTE ST	8	255.59		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM08321	KEYWITT AL	YORK ST	DAYTON ST	11	380.52	BR	650	-1		Y	UNCOLLECTED PORTION BLOCKED BY LOW HANGING BRANCHES
HAM11064	KIBBY LN	RIVER RD	GRACELY DR	31	299.50	AC	650	51	POOR	Y	
HAM38002	KIEFER CT	GROESBECK RD	TERM N OF GROESBECK RD	23	442.71	AC	487	95	GOOD	Y	
HAM12174	KILBOURNE AV	CLARAMONT AV	UNNAMED R/W	24	233.11	AC	414	64	FAIR	Y	
HAM37320	KILBOURNE AV	TERM S OF CLARAMONT AV	CLARAMONT AV	22	544.60	AC	601	66	FAIR	Y	
HAM37319	KILBOURNE AV	UNNAMED R/W	TERM N OF KILBOURNE AV SPLIT	24	177.56	AC	650	82	SATISFACTORY	Y	
HAM34298	KILGOUR LN	GRIEST AV	SPRINGER AV	15	361.20	AC	650	38	VERY POOR	Y	
HAM09316	KILGOUR LN	SPRINGER AV	OBSERVATORY AV	15	454.86	AC	650	21	SERIOUS	Y	
HAM27726	KILGOUR ST	BAUM ST	MONASTERY ST	20	874.38	AC	577	68	FAIR	Y	ONE WAY
HAM04851	KIMBERLY AV	KIMBERLY CT	WOODFORD RD	25	279.77	AC	650	47	POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM38072	KIMBERLY AV	TERM S OF KIMBERLY CT	KIMBERLY CT	25	189.48	AC	650	51	POOR	Y	
HAM38062	KIMBERLY CT	KIMBERLY AV	TERM E OF KIMBERLY AV	24	315.97	AC	607	71	SATISFACTORY	Y	
HAM20040	KIMPEL AL	BANK ST	BELOIT AL	9	588.02		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM27469	KIMPEL AL	NAEHER ST	YORK ST	7	167.45		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM40951	KINCAID LN	TERM S OF KINCAID RD	KINCAID RD	21	395.44	AC	650	95	GOOD	Y	
HAM11534	KINCAID RD	BEREDITH PL	AMBR|CINC CORPLINE	24	144.53	AC	532	26	VERY POOR	Y	
HAM33930	KINCAID RD	HARVEST AV	BEREDITH PL	30	497.82	AC	372	79	SATISFACTORY	Y	
HAM40952	KINCAID RD	KINCAID RD	SECTION RD	15	1459.49	AC	514	81	SATISFACTORY	Y	
HAM12851	KINCAID RD	MONTGOMERY RD	HARVEST AV	30	1014.80	AC	490	77	SATISFACTORY	Y	
HAM20039	KINDEL AV	BANK ST	BELOIT AL	27	615.96	AC	650	71	SATISFACTORY	Y	
HAM20042	KINDEL AV	BELOIT AL	CENTRAL AV	24	127.88	AC	633	71	SATISFACTORY	Y	
HAM07438	KING PL	BORDEN ST	UNNAMED AL	22	64.68	AC	650	57	FAIR	Y	
HAM07437	KING PL	UNNAMED AL	HOFFNER ST	21	500.76	AC	444	63	FAIR	Y	
HAM18118	KINGS RUN DR	EAST EPWORTH AV	KINGS RUN CT	24	451.07	AC	251	59	FAIR	Y	
HAM18143	KINGS RUN DR	ESTE AV	EAST EPWORTH AV	45	233.99	AC	334	73	SATISFACTORY	Y	
HAM18140	KINGS RUN DR	KINGS RUN CT	WINNESTE AV	25	352.04	AC	164	92	GOOD	Y	
HAM18142	KINGS RUN DR	SPRING GROVE AV	SUN AV	24	1138.52	AC	530	64	FAIR	Y	
HAM18141	KINGS RUN DR	SUN AV	ESTE AV	27	593.48	AC	339	69	FAIR	Y	
HAM00117	KINGS RUN DR	WINNESTE AV	WINTON RIDGE LN	24	1785.08	AC	238	59	FAIR	Y	
HAM00076	KINGS RUN DR	WINTON RIDGE LN	WINTON RD	24	1413.10	AC	354	70	FAIR	Y	
HAM35408	KINGSFORD DR	TERM S OF EBONY LN	EBONY LN	24	513.12	AC	650	47	POOR	Y	
HAM38094	KINGSLEY DR	EASTWOOD DR	TERM NE OF EASTWOOD DR	24	1084.24	AC	311	91	GOOD	Y	
HAM38063	KINGSLEY DR	TERM W OF EASTWOOD DR	EASTWOOD DR	25	680.14	AC	490	94	GOOD	Y	
HAM01730	KINGSTON PL	WARSAW AV	STODDARD PL	17	399.86	AC	650	75	SATISFACTORY	Y	
HAM09522	KINMONT AV	CROCUS LN	LINWOOD AV	20	138.84	AC	650	58	FAIR	Y	
HAM09254	KINMONT AV	KINMONT ST	CROCUS LN	20	325.30	AC	414	49	POOR	Y	
HAM38844	KINMONT CT	TERM S OF KINMONT AV	KINMONT AV	7	117.77	AC	650	82	SATISFACTORY	Y	
HAM09214	KINMONT ST	HILLTOP LN	KINMONT AV	21	446.28	AC	276	77	SATISFACTORY	Y	
HAM34433	KINMONT ST	PAXTON AV	HILLTOP LN	19	509.31	AC	650	53	POOR	Y	
HAM07771	KINNEY AV	BURKE AV	EVANSTON AV	41	619.86	AC	649	95	GOOD	Y	
HAM07770	KINNEY AV	FAIRFIELD AV	WOLD AV	40	1121.52	AC	406	95	GOOD	Y	
HAM26250	KINNEY AV	HACKBERRY ST	FAIRFIELD AV	40	549.27	AC	634	95	GOOD	Y	
HAM07758	KINNEY AV	WOLD AV	BURKE AV	40	683.88	AC	348	95	GOOD	Y	
HAM07190	KINOLL AV	CONGREVE AV	DICKENS AV	22	545.68	AC	316	50	POOR	Y	
HAM10821	KINOLL AV	DAVENANT AV	CONGREVE AV	16	347.10	AC	476	38	VERY POOR	Y	
HAM10822	KINOLL AV	DAVENANT AV	DAVENANT AV	20	101.60	AC	650	53	POOR	Y	
HAM33113	KINSEY AV	AUBURN AV	PARIS ST	26	801.37	AC	466	73	SATISFACTORY	Y	ONE WAY
HAM07889	KINSEY AV	CUMBERLAND ST	MORGAN ST	30	298.84	AC	650	85	SATISFACTORY	Y	
HAM07884	KINSEY AV	HIGHLAND AV	CUMBERLAND ST	30	185.18	AC	378	67	FAIR	Y	
HAM07862	KINSEY AV	MAPLEWOOD AV	HIGHLAND AV	30	350.95	AC	443	66	FAIR	Y	
HAM07898	KINSEY AV	PARIS ST	MAPLEWOOD AV	30	259.67	AC	390	64	FAIR	Y	
HAM14942	KIPLING AV	KIPLING AV SPLIT	TERM SW OF KIPLING AV	25	199.24	AC	650	87	GOOD	Y	
HAM14947	KIPLING AV	KIPLING AV SPLIT	COLERAIN AV	53	310.16	AC	620	67	FAIR	Y	
HAM15029	KIPLING AV	KIPLINGWOOD DR	PROVINCE LN	34	412.78	AC	216	53	POOR	Y	
HAM14959	KIPLING AV	MONFORT HILLS AV	SHADYMIST LN	34	540.58	AC	236	76	SATISFACTORY	Y	
HAM14938	KIPLING AV	PROVINCE LN	MONFORT HILLS AV	34	776.56	AC	222	65	FAIR	Y	
HAM14943	KIPLING AV	SHADYMIST LN	KIPLING AV SPLIT	40	177.59	AC	302	68	FAIR	Y	
HAM15030	KIPLING AV	SWEETBRIAR LN	KIPLINGWOOD DR	35	1367.41	AC	207	48	POOR	Y	
HAM11873	KIPLING AV	W NORTH BEND RD	WILLOWCOVE DR	34	537.13	AC	476	68	FAIR	Y	
HAM11460	KIPLING AV	WILLOWCOVE DR	SWEETBRIAR LN	34	581.46	AC	232	58	FAIR	Y	
HAM15026	KIPLINGWOOD DR	HEARTHSTEAD LN	KIPLING AV	24	156.12	AC	650	62	FAIR	Y	
HAM37408	KIPLINGWOOD DR	TERM SE OF TIMBERCROFT CT	TIMBERCROFT CT	27	261.11	AC	650	76	SATISFACTORY	Y	
HAM15028	KIPLINGWOOD DR	TIMBERCROFT CT	HEARTHSTEAD LN	24	342.63	AC	415	73	SATISFACTORY	Y	
HAM02434	KIRBERT AV	W 8TH ST	WIEMAN AV	30	820.23	AC	241	79	SATISFACTORY	Y	
HAM01938	KIRBERT AV	WIEMAN AV	ST LAWRENCE AV	31	658.55	AC	289	79	SATISFACTORY	Y	
HAM31978	KIRBY AV	ASHTREE DR	MEHMERT AV	22	1227.25	AC	650	63	FAIR	Y	
HAM01823	KIRBY AV	BLUEBIRD LN	SONGBIRD DR	24	316.32	AC	308	37	VERY POOR	Y	
HAM02652	KIRBY AV	BRUCE AV	GLEN PARKER AV	39	1042.49	AC	228	68	FAIR	Y	
HAM07392	KIRBY AV	CHASE AV	PELL ST	41	684.22	AC	240	95	GOOD	Y	
HAM01817	KIRBY AV	COLERAIN AV	FAIRHILL DR	26	329.33	AC	560	80	SATISFACTORY	Y	
HAM07358	KIRBY AV	COLERAIN AV	HANFIELD ST	41	353.87	AC	303	94	GOOD	Y	
HAM01818	KIRBY AV	FAIRHILL DR	HILLVISTA LN	25	147.22	AC	462	55	POOR	Y	
HAM03538	KIRBY AV	FOX RD	RUDDY CT	23	326.51	AC	448	46	POOR	Y	
HAM01847	KIRBY AV	FREDERICK AV	ROBLEY AV	45	341.50	AC	420	79	SATISFACTORY	Y	
HAM02647	KIRBY AV	GLEN PARKER AV	VIRGINIA AV	40	406.28	AC	190	93	GOOD	Y	
HAM07354	KIRBY AV	HANFIELD ST	CHASE AV	41	450.46	AC	149	94	GOOD	Y	
HAM01829	KIRBY AV	HILLVISTA LN	BLUEBIRD LN	25	295.98	AC	527	70	FAIR	Y	
HAM01816	KIRBY AV	LITTLE FLOWER AV	COLERAIN AV	45	652.91	AC	423	44	POOR	Y	
HAM01852	KIRBY AV	MARTHA AV	FREDERICK AV	39	152.74	AC	502	71	SATISFACTORY	Y	
HAM31983	KIRBY AV	MEHMERT AV	GLENVIEW AV	23	3316.96	AC	225	59	FAIR	Y	
HAM02653	KIRBY AV	PELL ST	BRUCE AV	39	354.13	AC	423	36	VERY POOR	Y	
HAM01845	KIRBY AV	ROBLEY AV	FIRTREE CT	49	609.45	AC	487	83	SATISFACTORY	Y	
HAM03534	KIRBY AV	SONGBIRD DR	FOX RD	24	344.91	AC	573	44	POOR	Y	
HAM02596	KIRBY AV	W NORTH BEND RD	LITTLE FLOWER AV	40	706.62	AC	345	30	VERY POOR	Y	
HAM08516	KIRK AL	VINE ST	OHIO AV	11	171.52		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM01302	KIRKLAND DR	ARCHLAND DR	ORLEANS CT	25	1561.05	AC	222	86	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM01291	KIRKLAND DR	PLANTATION WY	TERM N OF	24	155.00	AC	435	76	SATISFACTORY	Y	
HAM35688	KIRKUP AV	COLERIDGE AV	TERM E OF COLERIDGE AV	20	433.05	AC	650	34	VERY POOR	Y	
HAM04777	KIRKUP AV	HEDGE AV	PLAINFIELD RD	23	969.23	AC	517	36	VERY POOR	Y	
HAM04758	KIRKUP AV	RED BANK RD	HEDGE AV	21	1010.80	AC	491	45	POOR	Y	
HAM11186	KIRKWOOD LN	GRACELY DR	LOWLAND RD	18	900.49	AC	538	37	VERY POOR	Y	
HAM09847	KISTNER ST	CLYDE ST	MCGINNIS AV	8	654.98	AC	650	43	POOR	Y	
HAM35886	KISTNER ST	MCGINNIS AV	TERM W OF MCGINNIS AV	21	105.46	AC	650	64	FAIR	Y	UNCOLLECTED PORTION DOES NOT EXIST
HAM02602	KISTNER ST	TERM NE OF CLYDE ST	CLYDE ST	12	125.29	AC	650	45	POOR	Y	UNCOLLECTED PORTION DOES NOT EXIST
HAM09155	KITRICK LN	BEECHMONT AV	COLUMBIA PKWY	28	948.72	AC	245	78	SATISFACTORY	Y	ONE WAY
HAM50641	KLEYBOLTE AV	TERM N OF DELTA AV	DELTA AV	22	604.91	AC	650	85	SATISFACTORY	Y	
HAM38734	KLINE AV	FABER AV	TERM W OF FABER AV	23	333.19	AC	566	33	VERY POOR	Y	
HAM60596	KLING AV	E TERM OF PUBLIC	MIGNON AV	30	675.43	AC	388	51	POOR	Y	
HAM15405	KLING AV	MIGNON AV	HARRISON AV	31	423.92	AC	427	39	VERY POOR	Y	
HAM32169	KLOTTER AV	BAYMILLER ST	FREEMAN AV	23	657.62	AC	167	84	SATISFACTORY	Y	
HAM20005	KLOTTER AV	CLIFTON AV	STRATFORD AV	30	941.93	AC	650	91	GOOD	Y	
HAM27366	KLOTTER AV	FREEMAN AV	KRESS AL	25	314.61	AC	650	86	GOOD	Y	
HAM20014	KLOTTER AV	RAVINE ST	BAYMILLER ST	29	665.69	AC	650	82	SATISFACTORY	Y	
HAM20081	KLOTTER AV	RENNER PL	RAVINE ST	19	131.32	AC	650	80	SATISFACTORY	Y	
HAM20099	KLOTTER AV	STRATFORD AV	SOHN ST	23	288.13	AC	650	75	SATISFACTORY	Y	
HAM12076	KNIGHT AV	ABBOTTSFORD AV	MONTGOMERY RD	24	309.37	AC	643	93	GOOD	Y	
HAM37868	KNIGHT AV	TERM N OF ABBOTTSFORD AV	ABBOTTSFORD AV	24	962.26	AC	298	89	GOOD	Y	
HAM21930	KNOB CT	BLEECKER LN	BLEECKER LN	36	678.69	AC	211	86	GOOD	Y	
HAM38826	KNOB CT	BLEECKER LN	TERM SE OF BLEECKER LN	36	314.23	AC	359	80	SATISFACTORY	Y	
HAM39053	KNOLLWOOD LN	BRUSHWOOD AV	TERM NE OF BRUSHWOOD AV	24	483.59	AC	595	37	VERY POOR	Y	
HAM35917	KNOLLWOOD LN	TERM S OF BRUSHWOOD AV	BRUSHWOOD AV	24	682.74	AC	453	38	VERY POOR	Y	
HAM02732	KNORR AV	BICKEL AV	HARRISON AV	25	496.39	AC	650	86	GOOD	Y	
HAM02737	KNORR AV	FAIRMOUNT AV	BICKEL AV	24	447.18	AC	226	91	GOOD	Y	
HAM05954	KNOTT ST	HICKORY ST	ROCKDALE AV	24	347.65	AC	650	87	GOOD	Y	
HAM21550	KNOTT ST	MAPLE AV	MAPLE AV	24	132.92	AC	278	87	GOOD	Y	
HAM21553	KNOTT ST	MAPLE AV	PROSPECT PL	24	216.76	AC	650	90	GOOD	Y	
HAM05859	KNOTT ST	PROSPECT PL	HICKORY ST	24	234.13	AC	398	85	SATISFACTORY	Y	
HAM14722	KNOTTYPINE DR	TRAILWOOD DR	WADSBURY DR	28	559.51	AC	529	69	FAIR	Y	
HAM14723	KNOTTYPINE DR	WADSBURY DR	ANDETP|CINC CORPLINE	28	618.01	AC	440	72	SATISFACTORY	Y	
HAM07476	KNOWLTON ST	APPLE ST	TURRILL ST	29	239.88	AC	650	95	GOOD	Y	
HAM07237	KNOWLTON ST	BALTZER AL	LANGLAND ST	28	139.98	AC	295	76	SATISFACTORY	Y	
HAM07521	KNOWLTON ST	CHAMBERS ST	MAD ANTHONY ST	36	400.51	AC	224	95	GOOD	Y	
HAM07508	KNOWLTON ST	CRAWFORD AV	DANE AV	36	1010.03	AC	256	95	GOOD	Y	
HAM07519	KNOWLTON ST	DANE AV	CHAMBERS ST	35	405.42	AC	377	95	GOOD	Y	
HAM07239	KNOWLTON ST	FERGUS ST	GREY AL	29	141.34	AC	163	96	GOOD	Y	
HAM07238	KNOWLTON ST	GREY AL	BALTZER AL	29	238.85	AC	160	95	GOOD	Y	
HAM07340	KNOWLTON ST	HAMILTON AV	APPLE ST	29	371.56	AC	373	92	GOOD	Y	
HAM07235	KNOWLTON ST	INGOL AL	HAMILTON AV	27	154.15	AC	650	90	GOOD	Y	
HAM07236	KNOWLTON ST	LANGLAND ST	INGOL AL	28	155.54	AC	351	96	GOOD	Y	
HAM07240	KNOWLTON ST	MAD ANTHONY ST	FERGUS ST	33	333.43	AC	298	94	GOOD	Y	
HAM08103	KNOX ST	BEEKMAN ST	BLOOM ST	31	281.12	AC	650	56	FAIR	Y	
HAM02193	KNOX ST	BLAINE RD	SEEGAR AV	13	305.91	AC	650	95	GOOD	Y	
HAM08102	KNOX ST	BLOOM ST	WAVELAND PL	32	124.48	AC	650	63	FAIR	Y	
HAM02191	KNOX ST	LUCKEY AV	MCBRAYER ST	29	290.48	AC	549	82	SATISFACTORY	Y	
HAM11821	KNOX ST	MCBRAYER ST	THOMPSON AV	30	269.69	AC	508	56	FAIR	Y	
HAM11819	KNOX ST	SCULLY ST	SATURN ST	30	290.71	AC	650	58	FAIR	Y	
HAM02205	KNOX ST	SEEGAR AV	LUCKEY AV	19	632.89	AC	344	95	GOOD	Y	
HAM11820	KNOX ST	THOMPSON AV	SCULLY ST	31	293.14	AC	607	68	FAIR	Y	
HAM34992	KNOX ST	WAVELAND PL	BLAINE RD	20	2199.95	AC	288	79	SATISFACTORY	Y	
HAM38534	KOEBEL ST	BANK ST	TERM N OF BANK ST	23	299.70	BR	650	-1		Y	
HAM54762	KOEHLER ST	RENSLAR AV	KENWOOD AV	10	478.53	AC	613	92	GOOD	Y	
HAM15364	KOENIG AV	DAYTONA AV	HOPE LN	25	414.97	AC	521	84	SATISFACTORY	Y	
HAM38964	KOENIG AV	TERM S OF DAYTONA AV	DAYTONA AV	25	478.17	AC	461	83	SATISFACTORY	Y	
HAM30922	KOSSUTH CT	CHESTNUT ST	CHESTNUT ST	16	634.00	AC	650	88	GOOD	Y	
HAM39249	KOTTMAN ST	HALSTEAD ST	TERM W OF HALSTEAD ST	19	116.57		-1	-1		N	BLOCKED BY VEHICLES
HAM19978	KOTTMAN ST	HUKILL AL	HALSTEAD ST	15	123.17	AC	650	68	FAIR	Y	UNCOLLECTED PORTION BLOCKED BY BARRICADE
HAM19977	KOTTMAN ST	W MCMICKEN AV	HUKILL AL	16	137.14	AC	650	50	POOR	Y	UNCOLLECTED PORTION BLOCKED BY BARRICADE
HAM03349	KREIS LN	CENTURY LN	ST LAWRENCE AV	27	435.91	AC	489	44	POOR	Y	
HAM03351	KREIS LN	CLEMENTS AV	CENTURY LN	27	299.23	AC	273	59	FAIR	Y	
HAM02143	KREIS LN	ST LAWRENCE AV	GLENWAY AV	26	997.30	AC	650	49	POOR	Y	
HAM03317	KREIS LN	W 8TH ST	CLEMENTS AV	26	401.50	AC	456	46	POOR	Y	
HAM29896	KREMER AV	IROLL AV	TERM N OF BALTIMORE AV	19	584.32	AC	650	71	SATISFACTORY	Y	
HAM27361	KRESS AL	KLOTTER AV	CONROY ST	21	89.12	PCC	650	77	SATISFACTORY	Y	
HAM09451	KROGER AV	DELTA AV	OVERLAND AV	30	932.65	AC	545	55	POOR	Y	
HAM09146	KROGER AV	KROGER LN	LINDELL LN	30	310.10	AC	236	54	POOR	Y	
HAM09148	KROGER AV	KROGERVALLEY DR	TWEED AV	31	594.75	AC	460	55	POOR	Y	
HAM09147	KROGER AV	LINDELL LN	KROGERVALLEY DR	29	296.32	AC	272	48	POOR	Y	
HAM34278	KROGER AV	OVERLAND AV	KROGER LN	30	477.93	AC	650	63	FAIR	Y	
HAM09100	KROGER AV	TWEED AV	EARLSCOURT VIEW	24	235.80	AC	308	61	FAIR	Y	
HAM38902	KROGER LN	TERM S OF KROGER AV	KROGER AV	20	215.45	AC	650	40	VERY POOR	Y	
HAM08315	KUHFERS AL	FINDLAY ST	CHARLOTTE ST	8	258.53		-1	-1		N	BLOCKED BY FENCE / BOOTS ON THE GROUND
HAM32317	KUHFERS AL	FINDLAY ST	LIVINGSTON ST	6	232.12		-1	-1		N	ALLEY / BOOTS ON THE GROUND

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM10756	KUHFERS AL	POPLAR ST	LIVINGSTON ST	7	227.27		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM10757	KUHFERS AL	W LIBERTY ST	OLIVER ST	7	243.86		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM08349	KUHFERS AL	WADE ST	BAUER AV	7	206.58		-1	-1		N	BLOCKED BY FENCE / BOOTS ON THE GROUND
HAM02105	KUHLMAN AV	LACLEDE AV	GLENWAY AV	28	329.65	AC	650	36	VERY POOR	Y	
HAM11266	LA CROSSE AV	ISLINGTON AV	TERM NW OF ISLINGTON AV	27	403.24	AC	650	93	GOOD	Y	
HAM11288	LA CROSSE AV	MURRAY AV	ISLINGTON AV	24	301.22	AC	650	85	SATISFACTORY	Y	
HAM38959	LA RUE CT	MONTANA AV	TERM N OF MONTANA AV	18	233.29	AC	650	39	VERY POOR	Y	
HAM02106	LACLEDE AV	CARSON AV	KUHLMAN AV	30	408.80	AC	607	49	POOR	Y	
HAM02088	LACLEDE AV	KUHLMAN AV	ROSS AV	30	295.84	AC	525	54	POOR	Y	
HAM02032	LACLEDE AV	MCPHERSON AV	STURM ST	10	398.63	AC	650	22	SERIOUS	Y	
HAM01924	LACLEDE AV	STURM ST	CARSON AV	28	217.81	AC	650	55	POOR	Y	
HAM35293	LACONIA AV	DALE RD	PORTMAN AV	24	654.44	AC	450	85	SATISFACTORY	Y	
HAM11998	LACONIA AV	PORTMAN AV	ROCKINGHAM AV	25	642.13	AC	174	84	SATISFACTORY	Y	
HAM39696	LACONIA AV	ROCKINGHAM AV	TERM NW OF ROCKINGHAM AV	25	244.56	AC	482	85	SATISFACTORY	Y	
HAM07489	LAFAYETTE AV	CLIFTON AV	MIDDLETON AV	24	1034.26	AC	280	51	POOR	Y	
HAM21845	LAFAYETTE AV	MCALPIN AV	OLD LUDLOW AV	25	535.44	AC	469	76	SATISFACTORY	Y	
HAM07487	LAFAYETTE AV	MIDDLETON AV	NORTH CLIFF LN	23	272.63	AC	362	57	FAIR	Y	
HAM07502	LAFAYETTE AV	NORTH CLIFF LN	WINDINGS LN	21	1703.81	AC	250	40	VERY POOR	Y	
HAM21916	LAFAYETTE AV	WINDINGS LN	MCALPIN AV	20	2660.30	AC	357	79	SATISFACTORY	Y	
HAM07490	LAFAYETTE CIR	LAFAYETTE CIR	CLIFTON AV	24	525.34	AC	650	43	POOR	Y	
HAM50483	LAFAYETTE CIR	LAFAYETTE CIR	LAFAYETTE LN	23	560.87	AC	650	62	FAIR	Y	
HAM33542	LAFAYETTE CIR	LAFAYETTE LN	LAFAYETTE CIR	23	1121.86	AC	524	71	SATISFACTORY	Y	
HAM50485	LAFAYETTE LN	TERM E OF LAFAYETTE CIR	LAFAYETTE CIR	10	276.99	AC	650	50	POOR	Y	
HAM02846	LAFEUILLE AV	ALMESTER DR	FLEETWOOD AV	31	1240.97	AC	295	36	VERY POOR	Y	
HAM02843	LAFEUILLE AV	EUGENIE LN	HARRISON AV	30	533.54	AC	542	36	VERY POOR	Y	
HAM03038	LAFEUILLE AV	FLEETWOOD AV	EUGENIE LN	30	322.77	AC	650	34	VERY POOR	Y	
HAM03039	LAFEUILLE AV	LAFEUILLE CIR	ALMESTER DR	30	729.03	AC	650	30	VERY POOR	Y	
HAM32343	LAFEUILLE AV	QUEEN CITY AV	LAFEUILLE CIR	31	1018.12	AC	481	43	POOR	Y	
HAM38761	LAFEUILLE CIR	LAFEUILLE AV	TERM N OF LAFEUILLE AV	20	2112.81	AC	569	72	SATISFACTORY	Y	
HAM12780	LAIDLAW AV	CORINTH AV	PADDOCK RD	36	411.54	AC	576	73	SATISFACTORY	Y	
HAM27032	LAIDLAW AV	MURRAY RD	PARA DR	43	1122.01	AC	210	76	SATISFACTORY	Y	
HAM40476	LAIDLAW AV	OAKDALE AV	OBERLIN AV	36	527.85	AC	394	74	SATISFACTORY	Y	
HAM12455	LAIDLAW AV	OBERLIN AV	MATLOCK AV	36	522.56	AC	342	74	SATISFACTORY	Y	
HAM35277	LAIDLAW AV	PADDOCK RD	OAKDALE AV	35	544.45	AC	650	85	SATISFACTORY	Y	
HAM27031	LAIDLAW AV	PARA DR	CORINTH AV	36	1117.07	AC	149	74	SATISFACTORY	Y	
HAM19491	LAKELAND AV	ELMSHADE AV	PARKDALE AV	19	584.04	PCC	650	63	FAIR	Y	
HAM37859	LAKELAND AV	TERM W OF ELMSHADE AV	ELMSHADE AV	21	501.81	PCC	532	70	FAIR	Y	
HAM07366	LAKEMAN ST	BLUE ROCK ST	TUDOR AL	27	308.45	AC	222	83	SATISFACTORY	Y	
HAM07360	LAKEMAN ST	HANFIELD ST	CHASE AV	27	447.02	AC	380	81	SATISFACTORY	Y	
HAM07362	LAKEMAN ST	TUDOR AL	HANFIELD ST	27	282.75	AC	270	82	SATISFACTORY	Y	
HAM38050	LAKEVIEW AV	DAYTONA AV	TERM N OF DAYTONA AV	16	319.22	AC	610	29	VERY POOR	Y	
HAM15471	LAKEVIEW AV	SCHWARTZE AV	DAYTONA AV	22	460.34	AC	440	90	GOOD	Y	
HAM39287	LAKEWOOD AV	TERM E OF BISHOP ST	BISHOP ST	35	111.73	AC	650	52	POOR	Y	
HAM09205	LAMBERT PL	OMAR PL	HERSCHEL AV	18	831.77	AC	526	75	SATISFACTORY	Y	
HAM02668	LAMBSTON ST	CHASE AV	WASHBURN ST	23	266.68	AC	650	62	FAIR	Y	
HAM08585	LANE AV	OSTERFELD ST	SELIM AV	14	337.05	AC	650	57	FAIR	Y	
HAM20270	LANG ST	E CLIFTON AV	PEETE ST	30	153.85	AC	650	36	VERY POOR	Y	
HAM05679	LANG ST	E MCMICKEN AV	HUST AL	29	156.78	AC	650	72	SATISFACTORY	Y	
HAM05678	LANG ST	HUST AL	E CLIFTON AV	29	149.47	AC	650	76	SATISFACTORY	Y	
HAM20273	LANG ST	MULBERRY ST	SEITZ ST	32	126.38	AC	650	76	SATISFACTORY	Y	
HAM20268	LANG ST	PEETE ST	MULBERRY ST	31	150.45	AC	650	37	VERY POOR	Y	
HAM12037	LANGDON FARM RD	E SEYMOUR AV	WIEHE RD	54	1001.86	AC	313	66	FAIR	Y	
HAM12020	LANGDON FARM RD	ELBROOK AV	MAYFLOWER AV	41	334.51	AC	315	47	POOR	Y	
HAM12085	LANGDON FARM RD	FAIRWAY DR	DOUGLAS TER	40	1111.39	AC	632	43	POOR	Y	
HAM12764	LANGDON FARM RD	FARMDALE RD	ELBROOK AV	41	366.93	AC	248	48	POOR	Y	
HAM12014	LANGDON FARM RD	FERNVIEW AV	TULANE RD	40	899.00	AC	344	44	POOR	Y	
HAM12055	LANGDON FARM RD	GRACELAND AV	HAMMEL AV	40	338.72	AC	403	38	VERY POOR	Y	
HAM41180	LANGDON FARM RD	GRAFTON AV	WINGFIELD LN	44	396.80	AC	138	50	POOR	Y	
HAM12056	LANGDON FARM RD	HAMMEL AV	YOSEMITE DR	40	320.23	AC	290	36	VERY POOR	Y	
HAM12021	LANGDON FARM RD	MAYFLOWER AV	GRACELAND AV	41	357.21	AC	325	35	VERY POOR	Y	
HAM11977	LANGDON FARM RD	READING RD	GRAFTON AV	56	1314.26	AC	356	52	POOR	Y	
HAM12019	LANGDON FARM RD	RHODE ISLAND AV	E SEYMOUR AV	44	761.00	AC	409	67	FAIR	Y	
HAM12018	LANGDON FARM RD	RIDGEACRES DR	FERNVIEW AV	40	786.34	AC	299	42	POOR	Y	
HAM12016	LANGDON FARM RD	TULANE RD	FAIRWAY DR	39	300.40	AC	281	44	POOR	Y	
HAM12763	LANGDON FARM RD	WIEHE RD	FARMDALE RD	43	378.99	AC	272	46	POOR	Y	
HAM41181	LANGDON FARM RD	WINGFIELD LN	RHODE ISLAND AV	46	228.66	AC	650	74	SATISFACTORY	Y	
HAM12053	LANGDON FARM RD	YOSEMITE DR	RIDGEACRES DR	40	292.18	AC	299	38	VERY POOR	Y	
HAM07274	LANGLAND ST	CHASE AV	COATES AL	29	175.01	AC	315	57	FAIR	Y	
HAM07329	LANGLAND ST	COATES AL	PULLAN AV	30	751.85	AC	303	51	POOR	Y	
HAM01763	LANGLAND ST	DONALDSON PL	BEECH HILL AV	30	330.24	AC	509	44	POOR	Y	
HAM02644	LANGLAND ST	GLEN PARKER AV	THOMPSON HEIGHTS AV	23	362.81	AC	515	100	GOOD	Y	
HAM37164	LANGLAND ST	HAIGHT AV	GLEN PARKER AV	4	1398.07		-1	-1		N	BOOTS ON THE GROUND / PEDESTRIAN PATHWAY
HAM07311	LANGLAND ST	KNOWLTON ST	MEDILL AL	30	155.41	AC	650	54	POOR	Y	
HAM07292	LANGLAND ST	LINGO ST	POPE AL	29	159.50	AC	386	57	FAIR	Y	
HAM07303	LANGLAND ST	MEDILL AL	LINGO ST	30	159.62	AC	481	52	POOR	Y	
HAM07316	LANGLAND ST	MOLINE CT	KNOWLTON ST	26	171.63	AC	650	55	POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM07283	LANGLAND ST	POPE AL	CHASE AV	30	163.53	AC	439	66	FAIR	Y	
HAM07269	LANGLAND ST	PULLAN AV	DONALDSON PL	30	301.14	AC	649	41	POOR	Y	
HAM38594	LANGLAND ST	TERM S OF MOLINE CT	MOLINE CT	29	74.95	AC	650	47	POOR	Y	
HAM38310	LANIUS LN	TERM S OF HILLCREST RD	HILLCREST RD	18	749.08	AC	571	86	GOOD	Y	
HAM00803	LANTANA AV	AMBROSE AV	ELKTON PL	24	233.03	AC	159	95	GOOD	Y	
HAM03286	LANTANA AV	CEDAR AV	MARLOWE AV	23	498.04	AC	274	95	GOOD	Y	
HAM00926	LANTANA AV	ELKTON PL	W NORTH BEND RD	23	509.65	AC	348	95	GOOD	Y	
HAM03282	LANTANA AV	GROESBECK RD	CEDAR AV	30	1182.35	AC	273	95	GOOD	Y	
HAM00423	LANTANA AV	MARLOWE AV	AMBROSE AV	25	347.60	AC	148	95	GOOD	Y	
HAM01961	LARCH AV	DAVEY AV	BELMONT AV	26	848.81	AC	371	82	SATISFACTORY	Y	
HAM02259	LARCH AV	HAMILTON AV	DAVEY AV	22	638.97	AC	325	84	SATISFACTORY	Y	
HAM19534	LARCHWOOD PL	BROOKCREST DR	EASTLAWN DR	25	1007.33	AC	450	59	FAIR	Y	
HAM05607	LAREDO AV	CROSS LN	E MCMILLAN ST	27	339.51	AC	382	82	SATISFACTORY	Y	ONE WAY
HAM05636	LAREDO AV	CYPRESS ST	CROSS LN	28	747.66	AC	650	71	SATISFACTORY	Y	ONE WAY
HAM37374	LARKSPUR AV	IVY AV	TERM N OF IVY AV	24	501.30	AC	455	80	SATISFACTORY	Y	
HAM37354	LARKSPUR AV	TERM S OF IVY AV	IVY AV	19	307.37	AC	650	45	POOR	Y	
HAM38308	LARMON CT	HAMILTON AV	TERM W OF HAMILTON AV	25	404.78	AC	650	39	VERY POOR	Y	
HAM34676	LARONA AV	NORTHERN AV	ROCKDALE AV	30	567.86	AC	348	100	GOOD	Y	
HAM38038	LARRY AV	TERM E OF HAMILTON AV	HAMILTON AV	20	945.64	AC	380	38	VERY POOR	Y	
HAM38039	LARRYWOOD LN	TERM E OF DEVONWOOD DR	DEVONWOOD DR	24	722.23	AC	600	44	POOR	Y	
HAM02315	LASALLE ST	MCPHERSON AV	LACLEDE AV	17	611.63	AC	650	37	VERY POOR	Y	
HAM02401	LATHAM AV	BEECH AV	MANSS AV	20	260.97	AC	650	55	POOR	Y	
HAM38998	LATHAM AV	MANSS AV	TERM W OF MANSS AV	20	88.89	AC	650	37	VERY POOR	Y	
HAM12949	LATHAM AV	MINION AV	BEECH AV	21	269.98	AC	650	80	SATISFACTORY	Y	
HAM12948	LATHAM AV	WYOMING AV	MINION AV	17	261.45	AC	411	78	SATISFACTORY	Y	
HAM03283	LATHROP PL	CEDAR AV	CEDAR AV	37	389.22	AC	650	62	FAIR	Y	
HAM02275	LATHROP PL	LLANFAIR AV	CEDAR AV	37	346.12	AC	650	66	FAIR	Y	
HAM38360	LAUK ST	JUERGENS AV	TERM N OF JUERGENS AV	16	154.55	AC	650	29	VERY POOR	Y	
HAM11104	LAURA LN	GRACELY DR	PARKLAND AV	17	340.82	AC	650	54	POOR	Y	
HAM11105	LAURA LN	TERM SW OF GRACELY DR	GRACELY DR	15	166.37	AC	650	68	FAIR	Y	
HAM30701	LAUREL PARK DR	EAST LAUREL PARK DR	WEST LAUREL PARK DR	15	91.34	AC	368	71	SATISFACTORY	Y	ONE WAY
HAM30705	LAUREL PARK DR	EZZARD CHARLES DR	GENESSEE ST	19	226.20	AC	303	90	GOOD	Y	ONE WAY
HAM30892	LAUREL PARK DR	EZZARD CHARLES DR	GENEVAVIEW ST	19	226.40	AC	650	61	FAIR	Y	ONE WAY
HAM32215	LAUREL PARK DR	GENESSEE ST	EAST LAUREL PARK DR	19	171.97	AC	650	75	SATISFACTORY	Y	ONE WAY
HAM30894	LAUREL PARK DR	GENEVAVIEW ST	WEST LAUREL PARK DR	19	253.83	AC	550	79	SATISFACTORY	Y	ONE WAY
HAM37397	LAURELWOOD CIR	TERM E OF BELLEAIR PL	BELLEAIR PL	20	444.47	AC	296	33	VERY POOR	Y	
HAM07737	LAVINIA AV	MADISON RD	POGUE AV	30	818.36	AC	650	37	VERY POOR	Y	
HAM09853	LAWLER ST	DELTA AV	EMPRESS AV	12	194.08	AC	650	47	POOR	Y	
HAM23949	LAWN AV	HERMIT AV	RHODE ISLAND AV	21	781.49	AC	270	81	SATISFACTORY	Y	ONE WAY
HAM23917	LAWN AV	PHANTOM AV	HERMIT AV	21	773.31	AC	211	85	SATISFACTORY	Y	ONE WAY
HAM37335	LAWN AV	TERM W OF PHANTOM AV	PHANTOM AV	20	446.36	AC	601	73	SATISFACTORY	Y	
HAM37284	LAWNDALE AV	GLENGATE LN	TERM E OF GLENGATE LN	22	440.77	AC	650	38	VERY POOR	Y	
HAM12209	LAWNDALE AV	LAWNDALE PL	GLENGATE LN	25	798.90	AC	650	40	VERY POOR	Y	
HAM12203	LAWNDALE AV	MONTGOMERY RD	LAWNDALE PL	24	679.39	AC	624	41	POOR	Y	
HAM37869	LAWNDALE PL	TERM S OF LAWNDALE AV	LAWNDALE AV	20	308.74	AC	650	64	FAIR	Y	
HAM27787	LAWRENCE ST	E 4TH ST	E 5TH ST	13	472.30		-1	-1		N	BLOCKED BY GATE / ONE WAY
HAM09419	LE BLOND AV	ARNOLD ST	MOYER PL	20	205.01	AC	327	68	FAIR	Y	
HAM09187	LE BLOND AV	BEVERLY HILL DR	RICHWOOD AV	20	574.81	AC	433	67	FAIR	Y	
HAM09418	LE BLOND AV	MOYER PL	HEEKIN AV	19	104.08	AC	650	58	FAIR	Y	
HAM09195	LE BLOND AV	RICHWOOD AV	ARNOLD ST	19	209.85	AC	327	76	SATISFACTORY	Y	
HAM11415	LE CONTE AV	BURNEY LN	BURSAL AV	24	308.28	AC	527	44	POOR	Y	
HAM11409	LE CONTE AV	BURSAL AV	DAVLIN AV	24	253.30	AC	422	63	FAIR	Y	
HAM29547	LE CONTE AV	DAVLIN AV	WHITEHALL AV	24	1264.85	AC	407	60	FAIR	Y	
HAM29548	LE CONTE AV	WHITEHALL AV	WILSHIRE AV	24	332.02	AC	650	49	POOR	Y	
HAM36796	LEAFTREE CT	TERM S OF PINERIDGE AV	PINERIDGE AV	24	157.94	AC	650	76	SATISFACTORY	Y	
HAM36942	LEAFWOOD DR	REDCEDAR DR	TERM NW OF REDCEDAR DR	24	296.70	AC	453	76	SATISFACTORY	Y	
HAM36946	LEAFWOOD DR	TERM S OF REDCEDAR DR	REDCEDAR DR	25	557.57	AC	650	82	SATISFACTORY	Y	
HAM03500	LEATH AV	CINC|DELHTP CORPLINE	FEHR RD	17	255.40	AC	650	37	VERY POOR	Y	
HAM17738	LEBANON ST	E 66TH ST	E 67TH ST	23	674.11	AC	214	95	GOOD	Y	
HAM17739	LEBANON ST	E 66TH ST	E 67TH ST	19	675.46	AC	346	55	POOR	Y	
HAM17741	LEBANON ST	E 67TH ST	E 69TH ST	23	548.44	AC	553	95	GOOD	Y	
HAM17742	LEBANON ST	E 67TH ST	E 69TH ST	20	539.67	AC	473	59	FAIR	Y	
HAM56534	LEBANON ST	E 72ND ST	LEBANON ST	17	352.74	AC	650	93	GOOD	Y	UNCOLLECTED PORTION BLOCKED BY GATE
HAM56531	LEBANON ST	E 73RD ST	SANDSTONE AL	19	191.76	AC	544	64	FAIR	Y	
HAM56533	LEBANON ST	SANDSTONE AL	TERM NE OF SANDSTONE AL	24	97.05	AC	650	95	GOOD	Y	
HAM37091	LEBANON ST	TERM SW OF E 75TH ST	E 75TH ST	21	439.72	AC	451	74	SATISFACTORY	Y	UNCOLLECTED PORTION UNPAVED ROAD
HAM37805	LEDA CT	TERM NE OF VIKI TRL	VIKI TRL	23	125.19	AC	650	41	POOR	Y	
HAM12679	LEDGEWOOD DR	AVONDALE AV	ASMANN AV	34	656.78	AC	650	92	GOOD	Y	
HAM12676	LEDGEWOOD DR	VICTORY PKWY	AVONDALE AV	35	974.94	AC	440	91	GOOD	Y	
HAM21970	LEDLIE ST	SPRING GROVE AV	TERM W OF SPRING GROVE AV	24	229.25	AC	650	21	SERIOUS	Y	
HAM56595	LEEPER ST	CHASE AV	KENTUCKY AV	20	525.97	AC	650	28	VERY POOR	Y	
HAM56594	LEEPER ST	COLERAIN AV	CHASE AV	22	163.64	AC	650	90	GOOD	Y	
HAM54642	LEEPER ST	KENTUCKY AV	QUARRY ST	20	153.28	AC	650	33	VERY POOR	Y	
HAM37622	LEESBURG LN	TERM S OF BROTHERTON RD	BROTHERTON RD	24	498.33	AC	562	73	SATISFACTORY	Y	
HAM00431	LEFFINGWELL AV	ATWOOD AV	HOMESIDE AV	25	334.58	AC	513	70	FAIR	Y	
HAM03292	LEFFINGWELL AV	CEDAR AV	ATWOOD AV	25	355.75	AC	570	69	FAIR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM14283	LEHIGH AV	BENNEVILLE ST	MORROW ST	14	846.66	AC	650	41	POOR	Y	
HAM02005	LEHMAN RD	CONSIDINE AV	PURCELL AV	37	328.17	AC	304	93	GOOD	Y	
HAM02001	LEHMAN RD	ELBERON AV	TERM W OF ELBERON AV	35	570.44	AC	363	91	GOOD	Y	
HAM02008	LEHMAN RD	GRAND AV	CONSIDINE AV	25	663.07	AC	633	93	GOOD	Y	
HAM02003	LEHMAN RD	PURCELL AV	ELBERON AV	35	329.59	AC	650	93	GOOD	Y	
HAM02298	LEHMAN RD	RADCLIFF DR	WING ST	26	3339.63	AC	269	76	SATISFACTORY	Y	
HAM08196	LEHMAN RD	STATE AV	RADCLIFF DR	29	424.03	AC	650	55	POOR	Y	
HAM02297	LEHMAN RD	WING ST	GRAND AV	33	684.71	AC	472	95	GOOD	Y	
HAM03164	LELAND AV	HENRIETTA AV	RIVER RD	14	489.22	AC	650	33	VERY POOR	Y	
HAM03146	LELAND AV	LILIENTHAL ST	HENRIETTA AV	15	786.29	AC	650	30	VERY POOR	Y	
HAM38386	LENOX LN	TERM SW OF REDWAY AV	LENOX PL	20	237.66	AC	650	76	SATISFACTORY	Y	
HAM12110	LENOX PL	GLEN LYON AV	WINDING WY	36	661.99	AC	298	63	FAIR	Y	
HAM12120	LENOX PL	LENOX LN	GLEN LYON AV	34	836.98	AC	458	70	FAIR	Y	
HAM12121	LENOX PL	READING RD	LENOX LN	26	320.78	AC	650	63	FAIR	Y	
HAM14500	LEONARD ST	HEEKIN AV	RUSSELL AV	30	422.49	AC	650	79	SATISFACTORY	Y	
HAM14499	LEONARD ST	RUSSELL AV	ARCHER AV	30	351.16	AC	295	77	SATISFACTORY	Y	
HAM20103	LEROY CT	DERONDA CT	ADNORED CT	30	301.40	AC	650	8	FAILED	Y	
HAM07872	LEROY CT	VALROY PL	DERONDA CT	30	87.88	AC	650	36	VERY POOR	Y	UNCOLLECTED PORTION DOES NOT EXIST
HAM08613	LESLIE AL	E 6TH ST	E 7TH ST	10	459.11	AC	650	37	VERY POOR	Y	
HAM08638	LESLIE AL	PAULING PL	E 6TH ST	18	178.29	AC	650	39	VERY POOR	Y	ONE WAY
HAM12204	LESTER RD	AUTEN AV	BEAVER AV	31	332.51	AC	271	69	FAIR	Y	
HAM12231	LESTER RD	BEAVER AV	GLOSS AV	30	337.22	AC	614	72	SATISFACTORY	Y	
HAM12242	LESTER RD	BELLEWOOD AV	DOUGLAS TER	30	125.87	AC	650	72	SATISFACTORY	Y	
HAM12207	LESTER RD	CARPATHIA ST	MAPLELEAF AV	30	420.59	AC	397	70	FAIR	Y	
HAM12215	LESTER RD	DELMAR AV	CARPATHIA ST	31	714.02	AC	566	55	POOR	Y	
HAM12241	LESTER RD	DOUGLAS TER	PARKVIEW AV	30	550.37	AC	265	61	FAIR	Y	
HAM26510	LESTER RD	DURAMED DR	MARRYAT AV	26	1244.43	AC	418	53	POOR	Y	
HAM12245	LESTER RD	GLOSS AV	BELLEWOOD AV	30	340.49	AC	213	75	SATISFACTORY	Y	
HAM12208	LESTER RD	MAPLELEAF AV	AUTEN AV	30	341.38	AC	355	63	FAIR	Y	
HAM26463	LESTER RD	MARRYAT AV	DELMAR AV	30	539.94	AC	194	66	FAIR	Y	
HAM12080	LESTER RD	PARKVIEW AV	MONTGOMERY RD	30	302.31	AC	650	84	SATISFACTORY	Y	
HAM09927	LEVERING AL	SCHULTZ AL	SPRING ST	8	105.24		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM09926	LEVERING AL	SPRING ST	PENDLETON ST	7	230.53		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM08525	LEVI AL	RACE ST	PLEASANT ST	8	231.44	AC	650	94	GOOD	Y	UNCOLLECTED PORTION TOO NARROW FOR VAN ACCESS
HAM56535	LEWIS DR	SUMMIT RD	STEGER DR	42	601.07	AC	650	49	POOR	Y	
HAM26296	LEXINGTON AV	LEE PL	MAGILL AV	29	1676.93	AC	280	68	FAIR	Y	
HAM26298	LEXINGTON AV	MAGILL AV	GLENWOOD AV	29	548.04	AC	265	52	POOR	Y	
HAM39376	LEY AV	TERM E OF MANDERY AV	MANDERY AV	21	244.64	AC	650	86	GOOD	Y	
HAM00121	LEYMAN DR	CLINTON SPRINGS AV	RED BUD AV	26	720.69	AC	473	84	SATISFACTORY	Y	ONE WAY
HAM25833	LHOMMEDIEU AL	COLLEGE ST	RACE ST	11	141.45		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM50841	LIBERTY HILL	BROADWAY	CATLIN AL	27	217.87	AC	650	95	GOOD	Y	
HAM50840	LIBERTY HILL	BUNKER AL	BROADWAY	25	124.34		-1	-1		N	DOES NOT EXIST
HAM50842	LIBERTY HILL	CATLIN AL	CUMBER ST	41	114.03	AC	650	95	GOOD	Y	
HAM61472	LIBERTY HILL	CUMBER ST	E LIBERTY ST TO LIBERTY HILL RAMP	49	217.81	AC	650	95	GOOD	Y	
HAM27822	LIBERTY HILL	DECKER AL	HIRAM ST	39	256.47	AC	115	95	GOOD	Y	
HAM61473	LIBERTY HILL	E LIBERTY ST TO LIBERTY HILL RAMP	YOUNG ST	49	79.09	AC	644	95	GOOD	Y	
HAM27838	LIBERTY HILL	HIRAM ST	CITY STEPS	39	248.73	AC	180	95	GOOD	Y	
HAM27857	LIBERTY HILL	YOUNG ST	DECKER AL	39	231.34	AC	159	95	GOOD	Y	
HAM35025	LICK RUN WY	QUEEN CITY BYPS	QUEEN CITY AV	37	134.01	PCC	650	84	SATISFACTORY	Y	
HAM08170	LIDDELL ST	DEMPSEY ST	GROVE ST	18	449.14	AC	350	95	GOOD	Y	
HAM08100	LIDDELL ST	FAIRMOUNT AV	VINTON ST	19	508.03	AC	280	95	GOOD	Y	
HAM08165	LIDDELL ST	GROVE ST	BALTIMORE AV	18	353.87	AC	650	93	GOOD	Y	
HAM08166	LIDDELL ST	VINTON ST	DEMPSEY ST	19	536.08	AC	321	94	GOOD	Y	
HAM02699	LIERMAN ST	SCHOEDINGER AV	QUEBEC RD	10	184.51	AC	650	73	SATISFACTORY	Y	
HAM17422	LILAC AV	IVY AV	CLAYLAND ST	19	601.68	AC	394	60	FAIR	Y	
HAM02624	LILIENTHAL ST	LELAND AV	PRINCETON ST	21	470.18	AC	650	54	POOR	Y	
HAM02622	LILIENTHAL ST	PRINCETON ST	HILLSIDE AV	19	351.63	AC	650	29	VERY POOR	Y	
HAM02606	LILIENTHAL ST	RIVER RD	LELAND AV	35	139.11	AC	650	45	POOR	Y	
HAM35291	LILLIAN DR	DALE RD	PORTMAN AV	25	719.70	AC	315	71	SATISFACTORY	Y	
HAM39698	LILLIAN DR	PORTMAN AV	TERM N OF PORTMAN AV	25	446.54	AC	535	67	FAIR	Y	
HAM38549	LILLIE PL	BEEKMAN ST	TERM W OF BEEKMAN ST	20	381.01	AC	485	65	FAIR	Y	
HAM13511	LIMBERLOST LN	BELVOIR LN	MORADO DR	24	266.23	AC	590	40	VERY POOR	Y	
HAM13510	LIMBERLOST LN	MORADO DR	COVEDALE AV	24	274.30	AC	464	35	VERY POOR	Y	
HAM21570	LINCOLN AV	ALMS PL	ASHLAND AV	36	489.47	AC	242	83	SATISFACTORY	Y	
HAM21569	LINCOLN AV	ASHLAND AV	VICTORY PKWY	36	802.63	AC	235	93	GOOD	Y	
HAM21496	LINCOLN AV	GILBERT AV	MONFORT ST	30	318.47	AC	650	94	GOOD	Y	
HAM24151	LINCOLN AV	LINCOLN PL	GILBERT AV	37	281.75	AC	650	94	GOOD	Y	
HAM24163	LINCOLN AV	MAY ST	STANTON AV	44	582.12	PCC	311	88	GOOD	Y	
HAM24150	LINCOLN AV	MELROSE AV	LINCOLN PL	36	306.81	AC	220	90	GOOD	Y	
HAM21528	LINCOLN AV	MONFORT ST	PARK AV	29	388.70	AC	224	91	GOOD	Y	
HAM21529	LINCOLN AV	PARK AV	E MARTIN LUTHER KING JR DR	33	482.64	AC	616	94	GOOD	Y	
HAM24149	LINCOLN AV	STANTON AV	MELROSE AV	37	523.97	AC	191	94	GOOD	Y	
HAM21497	LINCOLN AV	VICTORY PKWY	WOODBURN AV	35	661.30	AC	531	91	GOOD	Y	
HAM24166	LINCOLN AV	WINSLOW AV	BATHGATE ST	35	267.51	AC	253	94	GOOD	Y	
HAM38437	LINCOLN PL	TERM S OF LINCOLN AV	LINCOLN AV	18	213.39	AC	650	92	GOOD	Y	
HAM02141	LINDA DR	RAPID RUN RD	WENDOVER CT	24	473.27	AC	650	87	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM34274	LINDELL LN	KROGER AV	TERM N OF KROGER AV	19	449.62	AC	650	61	FAIR	Y	
HAM01954	LINDEN DR	HAMILTON AV	DAVEY AV	17	588.84	AC	580	50	POOR	Y	
HAM09504	LINDEN ST	CARLL ST	DENHAM ST	30	278.56	BR	650	-1		Y	
HAM09502	LINDEN ST	DENHAM ST	PULTE ST	30	281.25	AC	650	95	GOOD	Y	
HAM33827	LINDEN ST	GROVE ST	TERM NW OF GROVE ST	20	434.36	AC	650	45	POOR	Y	
HAM09892	LINDEN ST	JUDSON ST	GROVE ST	21	421.87	AC	412	46	POOR	Y	
HAM09506	LINDEN ST	PULTE ST	TERM N OF	18	141.59	AC	650	44	POOR	Y	
HAM09891	LINDEN ST	VINTON ST	JUDSON ST	21	358.12	AC	650	44	POOR	Y	UNCOLLECTED PORTION DOES NOT EXIST
HAM27947	LINDSAY AL	BOONE ST	MAY ST	15	267.83	AC	650	27	VERY POOR	Y	
HAM07937	LINDSAY AL	CONCORD ST	COPELEN ST	17	443.84	AC	650	48	POOR	Y	
HAM05559	LINDSAY AL	COPELEN ST	FINCH AL	11	126.27	AC	650	29	VERY POOR	Y	
HAM26195	LINDSAY AL	KENTON ST	CONCORD ST	14	267.77	AC	650	22	SERIOUS	Y	
HAM27932	LINDSAY AL	MAY ST	KENTON ST	14	272.06	AC	650	34	VERY POOR	Y	
HAM07295	LINGO ST	BALTZER AL	LANGLAND ST	29	141.60	AC	650	57	FAIR	Y	
HAM07298	LINGO ST	FERGUS ST	GREY AL	29	142.24	AC	650	45	POOR	Y	
HAM07297	LINGO ST	GREY AL	BALTZER AL	29	238.66	AC	649	47	POOR	Y	
HAM07291	LINGO ST	HONER AL	INGOL AL	30	102.51	AC	650	54	POOR	Y	
HAM07289	LINGO ST	INGOL AL	HAMILTON AV	29	158.04	AC	650	55	POOR	Y	
HAM07293	LINGO ST	LANGLAND ST	HONER AL	30	140.06	AC	650	49	POOR	Y	
HAM55964	LINKS DR	E SEYMOUR AV	TERM N OF E SEYMOUR AV	29	903.63	AC	515	82	SATISFACTORY	Y	
HAM10385	LINN ST	BANK ST	CENTRAL AV	72	333.57	AC	186	40	VERY POOR	Y	
HAM30762	LINN ST	BETTON ST	DERRICK TURNBOW AV	65	229.69	AC	323	46	POOR	Y	
HAM08276	LINN ST	CHARLOTTE ST	YORK ST	69	183.96	AC	204	50	POOR	Y	
HAM30628	LINN ST	CHESTNUT ST	CLARK ST	65	262.05	AC	256	40	VERY POOR	Y	
HAM31902	LINN ST	CLARK ST	HOPKINS ST	65	243.55	AC	265	44	POOR	Y	
HAM26034	LINN ST	DALTON AV	W 8TH ST	112	790.29	PCC	455	61	FAIR	Y	
HAM30632	LINN ST	DERRICK TURNBOW AV	WADE WALK ST	65	437.31	AC	371	35	VERY POOR	Y	
HAM30764	LINN ST	ELIZABETH ST	CHESTNUT ST	66	243.80	AC	301	41	POOR	Y	
HAM08283	LINN ST	EVE AL	FINDLAY ST	70	126.20	AC	414	40	VERY POOR	Y	
HAM32217	LINN ST	EZZARD CHARLES DR	GENEVAVIEW ST	64	268.54	AC	650	42	POOR	Y	
HAM08280	LINN ST	FINDLAY ST	CHARLOTTE ST	70	200.35	AC	212	40	VERY POOR	Y	
HAM30761	LINN ST	GENEVAVIEW ST	BETTON ST	65	226.25	AC	271	46	POOR	Y	
HAM25974	LINN ST	GEST ST	W 5TH ST	56	1175.88	AC	192	68	FAIR	Y	
HAM54483	LINN ST	GEST ST	W COURT ST	32	535.18	AC	312	85	SATISFACTORY	Y	
HAM31903	LINN ST	HOPKINS ST	EZZARD CHARLES DR	67	287.32	AC	631	41	POOR	Y	
HAM26010	LINN ST	LINN ST TO W 6TH EB ST RAMP	DALTON AV	71	420.56	AC	277	67	FAIR	Y	
HAM08286	LINN ST	LIVINGSTON ST	EVE AL	70	96.97	AC	650	45	POOR	Y	
HAM08272	LINN ST	NAEHER ST	BANK ST	72	182.31	AC	186	53	POOR	Y	
HAM30637	LINN ST	OLIVER ST	POPLAR ST	71	222.68	AC	210	36	VERY POOR	Y	
HAM08288	LINN ST	POPLAR ST	LIVINGSTON ST	71	220.01	AC	205	36	VERY POOR	Y	
HAM25934	LINN ST	W 5TH ST	W 6TH ST	56	552.98	AC	177	62	FAIR	Y	
HAM30763	LINN ST	W COURT ST	ELIZABETH ST	65	279.97	AC	333	44	POOR	Y	
HAM08187	LINN ST	W LIBERTY ST	OLIVER ST	69	240.29	AC	271	52	POOR	Y	
HAM09576	LINN ST	WADE WALK ST	W LIBERTY ST	67	409.83	AC	287	46	POOR	Y	
HAM08273	LINN ST	YORK ST	NAEHER ST	70	191.74	AC	247	46	POOR	Y	
HAM06239	LINNEMAN ST	ELDORADO AV	WAITS AV	12	493.40	AC	567	87	GOOD	Y	
HAM06226	LINNEMAN ST	KENWOOD AV	ROHDE AV	13	419.50	AC	457	42	POOR	Y	
HAM06240	LINNEMAN ST	ROHDE AV	ELDORADO AV	14	503.40	AC	333	84	SATISFACTORY	Y	
HAM37918	LINNEMAN ST	WAITS AV	TERM S OF WAITS AV	25	457.51	AC	497	95	GOOD	Y	
HAM37117	LINSHAW CT	TERM W OF SHAW AV	SHAW AV	26	231.02	AC	650	67	FAIR	Y	
HAM26179	LINTON ST	VERNON PL	READING RD	26	628.10	AC	559	47	POOR	Y	
HAM19057	LINWOOD AV	ARCADIA PL	MONTEITH AV	40	279.25	AC	136	63	FAIR	Y	
HAM11425	LINWOOD AV	BEECHMONT AV	CHURCH PL	39	619.30	AC	438	66	FAIR	Y	
HAM19151	LINWOOD AV	BEVERLY HILL DR	SHEFFIELD AV	39	1031.60	AC	174	77	SATISFACTORY	Y	
HAM11424	LINWOOD AV	CHURCH PL	EASTERN AV	40	177.42	AC	650	68	FAIR	Y	
HAM19156	LINWOOD AV	CRYER AV	DUNCAN AV	40	435.86	AC	128	58	FAIR	Y	
HAM19143	LINWOOD AV	DELTA AV	ELLISON AV	39	552.55	AC	199	68	FAIR	Y	
HAM61600	LINWOOD AV	DELTA AV	LINWOOD SB TO DELTA SB RAMP	30	342.57	AC	348	83	SATISFACTORY	Y	
HAM19155	LINWOOD AV	DUNCAN AV	PAXTON AV	40	274.46	AC	650	73	SATISFACTORY	Y	
HAM19144	LINWOOD AV	ELLISON AV	RENNEL DR	40	128.56	AC	180	78	SATISFACTORY	Y	
HAM19375	LINWOOD AV	FAWN AL	DELTA AV	43	153.35	AC	308	79	SATISFACTORY	Y	
HAM19158	LINWOOD AV	GRACE AV	HALPIN AV	40	336.57	AC	151	69	FAIR	Y	
HAM19149	LINWOOD AV	HALPIN AV	KINMONT AV	41	111.45	AC	162	70	FAIR	Y	
HAM19139	LINWOOD AV	HERSCHEL AV	ZAN CT	40	139.01	AC	650	53	POOR	Y	
HAM66242	LINWOOD AV	KINMONT AV	FAWN AL	39	465.69	AC	318	70	FAIR	Y	
HAM19141	LINWOOD AV	MCLAUGHLIN PL	SALISBURY DR	40	351.04	AC	207	81	SATISFACTORY	Y	
HAM19054	LINWOOD AV	MONTEITH AV	CRYER AV	40	438.47	AC	158	75	SATISFACTORY	Y	
HAM19056	LINWOOD AV	OBSERVATORY AV	SARITA PL	41	306.15	AC	573	68	FAIR	Y	
HAM19159	LINWOOD AV	PAXTON AV	PRISCILLA LN	40	736.81	AC	419	80	SATISFACTORY	Y	
HAM19157	LINWOOD AV	PRISCILLA LN	GRACE AV	40	139.93	AC	192	66	FAIR	Y	
HAM19145	LINWOOD AV	RENNEL DR	VANDYKE DR	39	287.07	AC	164	59	FAIR	Y	
HAM19148	LINWOOD AV	SALISBURY DR	BEVERLY HILL DR	40	265.51	AC	234	86	GOOD	Y	
HAM19058	LINWOOD AV	SARITA PL	ARCADIA PL	40	424.57	AC	537	64	FAIR	Y	
HAM19154	LINWOOD AV	SHEFFIELD AV	BEECHMONT AV	39	259.91	AC	457	94	GOOD	Y	
HAM19146	LINWOOD AV	TWEED AV	HERSCHEL AV	40	216.01	AC	241	41	POOR	Y	
HAM19147	LINWOOD AV	VANDYKE DR	TWEED AV	41	716.24	AC	235	43	POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM19140	LINWOOD AV	ZAN CT	MCLAUGHLIN PL	40	242.10	AC	299	46	POOR	Y	
HAM08202	LIONEL AV	OSTERFELD ST	SELIM AV	17	352.79	AC	650	91	GOOD	Y	
HAM04627	LISBON AV	BURKHART AV	LOSANTIVILLE AV	24	317.71	AC	650	48	POOR	Y	
HAM35708	LISBON AV	LOSANTIVILLE AV	TERM N OF LOSANTIVILLE AV	23	501.51	AC	650	68	FAIR	Y	
HAM35973	LISBON AV	TERM S OF BURKHART AV	BURKHART AV	25	605.49	AC	297	72	SATISFACTORY	Y	
HAM15408	LISCHER AV	DIRHEIM AV	EGGERS PL	27	339.33	AC	404	54	POOR	Y	
HAM15407	LISCHER AV	EGGERS PL	EPWORTH AV	25	766.94	AC	288	70	FAIR	Y	
HAM15388	LISCHER AV	EPWORTH AV	BOUDINOT AV	23	995.81	AC	650	93	GOOD	Y	
HAM15395	LISCHER AV	RATTERMAN AV	DIRHEIM AV	26	154.34	AC	650	46	POOR	Y	
HAM38017	LITTLE FLOWER AV	GOLDENROD DR	TERM NW OF GOLDENROD DR	27	377.91	AC	528	83	SATISFACTORY	Y	
HAM01810	LITTLE FLOWER AV	HARRYWOOD CT	WHITEWOOD LN	24	301.06	AC	324	79	SATISFACTORY	Y	
HAM01814	LITTLE FLOWER AV	KIRBY AV	VAN LEUNEN DR	24	534.11	AC	331	56	FAIR	Y	
HAM01812	LITTLE FLOWER AV	VAN LEUNEN DR	HARRYWOOD CT	24	304.83	AC	650	66	FAIR	Y	
HAM01820	LITTLE FLOWER AV	WHITEWOOD LN	GOLDENROD DR	27	769.41	AC	366	77	SATISFACTORY	Y	
HAM38034	LIVEOAK CT	OAK KNOLL DR	TERM W OF OAK KNOLL DR	24	482.46	AC	650	74	SATISFACTORY	Y	
HAM08381	LIVINGSTON ST	BARD AL	JOHN ST	24	123.04	AC	650	36	VERY POOR	Y	
HAM08398	LIVINGSTON ST	BAUMAN ST	LINN ST	24	350.54	AC	504	41	POOR	Y	
HAM27467	LIVINGSTON ST	BAYMILLER ST	FREEMAN AV	18	614.33	AC	650	35	VERY POOR	Y	ONE WAY
HAM10764	LIVINGSTON ST	CENTRAL AV	KUHFERS AL	24	131.10	AC	650	29	VERY POOR	Y	
HAM08380	LIVINGSTON ST	JOHN ST	SNYDER AL	24	128.80	AC	650	38	VERY POOR	Y	
HAM08382	LIVINGSTON ST	KUHFERS AL	BARD AL	24	220.37	AC	650	33	VERY POOR	Y	
HAM08377	LIVINGSTON ST	LINN ST	WERNER ST	27	296.65	AC	650	54	POOR	Y	ONE WAY
HAM08379	LIVINGSTON ST	SNYDER AL	BAUMAN ST	24	223.27	AC	650	35	VERY POOR	Y	
HAM08193	LIVINGSTON ST	WERNER ST	BAYMILLER ST	21	307.55	AC	650	37	VERY POOR	Y	UNCOLLECTED PORTION BLOCKED BY BARRICADE
HAM02251	LLANFAIR AV	DAVEY AV	WINTROP AV	36	628.82	AC	425	41	POOR	Y	
HAM02252	LLANFAIR AV	HAMILTON AV	DAVEY AV	36	502.89	AC	460	53	POOR	Y	
HAM01978	LLANFAIR AV	LATHROP PL	BELMONT AV	36	474.16	AC	378	45	POOR	Y	
HAM02248	LLANFAIR AV	NAHANT AV	LATHROP PL	37	260.81	AC	507	40	VERY POOR	Y	
HAM02249	LLANFAIR AV	TWIN OAK DR	NAHANT AV	37	120.63	AC	486	47	POOR	Y	
HAM02250	LLANFAIR AV	WINTROP AV	TWIN OAK DR	37	115.46	AC	541	49	POOR	Y	
HAM21902	LLEWELLYN AV	DREMAN AV	ELMORE ST	26	862.78	AC	442	39	VERY POOR	Y	
HAM21898	LLEWELLYN AV	ELMORE ST	POWERS CT	30	542.89	AC	546	47	POOR	Y	
HAM38605	LLEWELLYN AV	POWERS CT	TERM N OF POWERS CT	30	110.76	AC	650	52	POOR	Y	
HAM50200	LLEWELLYN AV	TERM S OF DREMAN AV	DREMAN AV	24	307.50	AC	650	45	POOR	Y	
HAM21888	LLEWELLYN ST	MILLCREEK RD	FOX LN	21	746.10	AC	442	35	VERY POOR	Y	
HAM25952	LLOYD AL	RICHMOND ST	W COURT ST	7	164.27		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM39252	LLOYD PL	TERM E OF FAIRVIEW AV	FAIRVIEW AV	20	307.80	AC	559	66	FAIR	Y	
HAM14625	LOCKARD AV	BLOOMINGDALE AV	LONGBOURNE ST	10	212.45	AC	650	88	GOOD	Y	ONE WAY
HAM14325	LOCKARD AV	LONGBOURNE ST	PARNELL AV	14	262.93	AC	650	87	GOOD	Y	ONE WAY
HAM14289	LOCKARD AV	PARNELL AV	STANHILL CT	15	145.31	AC	650	93	GOOD	Y	ONE WAY
HAM14324	LOCKARD AV	STANHILL CT	WINCHESTER AV	12	414.10	AC	650	94	GOOD	Y	ONE WAY
HAM14290	LOCKARD AV	WINCHESTER AV	SUTTON AV	12	328.67	AC	650	95	GOOD	Y	ONE WAY
HAM58091	LOCKER CT	CONNECTICUT AV	JESSE LN	30	159.59	AC	650	92	GOOD	Y	
HAM58092	LOCKER CT	JESSE LN	TERM NE OF JESSE LN	30	471.11	AC	463	89	GOOD	Y	
HAM38479	LOCKHURST LN	W LIBERTY ST	TERM NW OF W LIBERTY ST	29	391.93	AC	650	84	SATISFACTORY	Y	
HAM02420	LOCKMAN AV	DALE AV	HIGHRIDGE AV	30	307.27	AC	307	66	FAIR	Y	
HAM02416	LOCKMAN AV	HIGHRIDGE AV	LORETTA AV	30	532.55	AC	411	42	POOR	Y	
HAM02241	LOCKMAN AV	RAPID RUN RD	DALE AV	30	304.44	AC	650	51	POOR	Y	
HAM08252	LOCKWOOD PL	BOWMAN AV	NEFF AV	17	155.67	AC	650	76	SATISFACTORY	Y	
HAM03560	LOCUST LN	GLENWAY AV	CINC|GREETP CORPLINE	21	642.13	AC	581	54	POOR	Y	
HAM05790	LOCUST ST	WOODBURN AV	INGLESIDE AV	30	487.53	AC	650	95	GOOD	Y	
HAM16917	LODWICK ST	DELHI AV	SEDAM ST	11	129.59	AC	650	33	VERY POOR	Y	ONE WAY
HAM38946	LODWICK ST	SEDAM ST	TERM SW OF SEDAM ST	17	123.28	AC	650	40	VERY POOR	Y	
HAM30643	LOGAN ST	GREEN ST	W ELDER ST	24	363.46	AC	562	71	SATISFACTORY	Y	ONE WAY
HAM08383	LOGAN ST	W ELDER ST	DUNLAP ST	24	429.26	AC	552	74	SATISFACTORY	Y	ONE WAY
HAM12278	LOIS DR	COAD DR	PADDOCK RD	25	659.14	AC	618	81	SATISFACTORY	Y	
HAM35466	LOISKA LN	TERM E OF ARGUS RD	ARGUS RD	23	544.47	AC	650	49	POOR	Y	
HAM01372	LOISWOOD DR	HOLLYWOOD AV	OAK KNOLL DR	21	1264.28	AC	280	63	FAIR	Y	
HAM01352	LOISWOOD DR	OAK KNOLL DR	TERM N OF OAK KNOLL DR	23	170.89	AC	650	85	SATISFACTORY	Y	UNCOLLECTED PORTION BLOCKED BY BARRICADE
HAM38045	LOISWOOD DR	TERM S OF HOLLYWOOD AV	HOLLYWOOD AV	23	417.75	AC	522	64	FAIR	Y	
HAM07910	LONDON AL	CONCORD ST	COPELEN ST	14	439.14	AC	650	95	GOOD	Y	
HAM05560	LONDON AL	COPELEN ST	FINCH AL	10	131.42	AC	650	13	SERIOUS	Y	
HAM14372	LONGBOURNE ST	CAMBRIDGE AV	LOCKARD AV	10	328.28	AC	650	59	FAIR	Y	
HAM14373	LONGBOURNE ST	LOCKARD AV	TERM N OF LOCKARD AV	16	560.12	AC	493	90	GOOD	Y	
HAM36109	LONGBOURNE ST	TERM S OF CAMBRIDGE AV	CAMBRIDGE AV	14	811.18	AC	650	33	VERY POOR	Y	
HAM27058	LONGVIEW ST	E 72ND ST	GRANITE AL	30	197.92	AC	622	85	SATISFACTORY	Y	
HAM27064	LONGVIEW ST	E SEYMOUR AV	E 72ND ST	30	385.61	AC	562	81	SATISFACTORY	Y	
HAM27055	LONGVIEW ST	GRANITE AL	MARKET PL	31	269.37	AC	366	83	SATISFACTORY	Y	
HAM07404	LOOKER AL	FLORIDA AV	JUSTIN AL	9	122.91		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM07345	LOOKER AL	JUSTIN AL	GEORGIA AV	9	127.25		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM09240	LOOKOUT CIR	LOOKOUT LN	VANDYKE DR	21	566.14	AC	227	90	GOOD	Y	
HAM09209	LOOKOUT DR	HERLIN PL	HERSCHEL AV	21	246.97	AC	650	91	GOOD	Y	
HAM09210	LOOKOUT DR	VANDYKE DR	HERLIN PL	23	858.61	AC	153	94	GOOD	Y	
HAM34292	LOOKOUT LN	DELTA AV	LOOKOUT CIR	4	362.56		-1	-1		N	ALLEY / BOOTS ON THE GROUND / PEDESTRAIN PATHWAY
HAM05481	LORAINE AV	BROOKLINE AV	CLIFTON AV	32	878.86	AC	650	95	GOOD	Y	
HAM02137	LORETTA AV	LOCKMAN AV	OLIVIA LN	30	488.21	AC	250	34	VERY POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM02581	LORETTA AV	OLIVIA LN	OVERLOOK AV	30	720.90	AC	393	36	VERY POOR	Y	
HAM02136	LORETTA AV	OMENA PL	LOCKMAN AV	30	204.35	AC	650	32	VERY POOR	Y	
HAM02201	LORNA LN	MARGARET ST	GRAEBE AV	17	155.51	AC	650	73	SATISFACTORY	Y	
HAM12829	LOSANTIVILLE AV	ALLEY	WOODSFIELD ST	30	147.16	AC	251	42	POOR	Y	
HAM12843	LOSANTIVILLE AV	BONA VISTA PL	CORTELYOU AV	30	605.67	AC	200	73	SATISFACTORY	Y	
HAM33720	LOSANTIVILLE AV	BROOKCREST DR	HIRSCH DR	49	310.22	AC	290	93	GOOD	Y	
HAM12844	LOSANTIVILLE AV	CORTELYOU AV	SCHUBERT AV	30	133.37	AC	271	47	POOR	Y	
HAM04635	LOSANTIVILLE AV	ENGLEWOOD AV	FAIRHURST AV	30	313.37	AC	406	45	POOR	Y	
HAM04874	LOSANTIVILLE AV	FAIRHURST AV	GIRARD AV	30	333.19	AC	233	50	POOR	Y	
HAM04877	LOSANTIVILLE AV	GIRARD AV	LISBON AV	30	304.19	AC	301	51	POOR	Y	
HAM33721	LOSANTIVILLE AV	HIRSCH DR	EASTLAWN DR	37	790.94	AC	224	92	GOOD	Y	
HAM50480	LOSANTIVILLE AV	LISBON AV	LOSANTIVILLE TER	31	915.05	AC	277	50	POOR	Y	
HAM50481	LOSANTIVILLE AV	LOSANTIVILLE TER	BONA VISTA PL	30	188.26	AC	215	45	POOR	Y	
HAM12009	LOSANTIVILLE AV	MONTWOOD AL	WOODFORD RD	30	157.16	AC	650	53	POOR	Y	
HAM22101	LOSANTIVILLE AV	READING RD	SERVICE RD	58	202.98	AC	547	85	SATISFACTORY	Y	
HAM12845	LOSANTIVILLE AV	SCHUBERT AV	ALLEY	30	488.64	AC	221	27	VERY POOR	Y	
HAM22102	LOSANTIVILLE AV	SERVICE RD	BROOKCREST DR	56	232.05	AC	439	89	GOOD	Y	
HAM12830	LOSANTIVILLE AV	WOODSFIELD ST	MONTWOOD AL	30	146.70	AC	608	41	POOR	Y	
HAM50482	LOSANTIVILLE TER	TERM NW OF LOSANTIVILLE AV	LOSANTIVILLE AV	23	676.75	AC	650	48	POOR	Y	
HAM20544	LOSSING ST	FOREST AV	EHRMAN AV	21	921.51	AC	650	100	GOOD	Y	
HAM08453	LOTH ST	MULBERRY ST	ST JOE ST	24	701.49	AC	650	63	FAIR	Y	
HAM32198	LOTH ST	ST JOE ST	THILL ST	34	1131.57	AC	420	54	POOR	Y	
HAM03342	LOUBELL LN	CLANORA DR	WILBUD DR	21	612.05	AC	432	51	POOR	Y	
HAM26157	LOUDEN ST	HATCH ST	PARADROME ST	30	246.33	AC	633	51	POOR	Y	
HAM26165	LOUDEN ST	PARADROME ST	PARKSIDE PL	30	235.16	AC	650	48	POOR	Y	
HAM39142	LOUIS AV	EUCLID AV	TERM E OF EUCLID AV	31	611.48	AC	499	94	GOOD	Y	
HAM16748	LOUIS AV	VINE ST	EUCLID AV	31	490.91	AC	650	93	GOOD	Y	
HAM30713	LOWE DR	JOHN ST	CLAYERS LN	16	334.10	AC	650	45	POOR	Y	
HAM39278	LOWELL AV	MORRISON AV	TERM W OF MORRISON AV	18	173.06	AC	650	43	POOR	Y	
HAM25588	LOWELL AV	WHITFIELD AV	MORRISON AV	34	1435.22	AC	491	41	POOR	Y	
HAM05440	LOWER GRANDIN RD	EDWARDS RD	GRANDIN RIDGE DR	35	1179.78	AC	411	69	FAIR	Y	
HAM37774	LOWER GRANDIN RD	GRANDIN RIDGE DR	TERM SE OF GRANDIN RIDGE DR	27	1949.19	AC	293	70	FAIR	Y	
HAM11727	LOWLAND RD	GRACELY DR	KIRKWOOD LN	23	213.63	AC	434	46	POOR	Y	
HAM35968	LOWLAND RD	KIRKWOOD LN	TERM NE OF KIRKWOOD LN	15	322.79	AC	650	30	VERY POOR	Y	
HAM18232	LOWRY AV	WEDGEWOOD AV	E MITCHELL AV	26	705.25	AC	418	46	POOR	Y	
HAM27408	LUBKE AL	WINCHELL AV	NAEHER ST	8	166.12		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM39513	LUCAS RD	TERM E OF WESTWOOD NORTHERN BLVD	WESTWOOD NORTHERN BLVD	8	156.70		-1	-1		N	DOES NOT EXIST
HAM06495	LUCERNE AV	ADELPHI ST	WHITNEY AV	30	370.36	AC	635	93	GOOD	Y	
HAM06491	LUCERNE AV	HECTOR AV	ROE ST	30	137.49	AC	477	65	FAIR	Y	
HAM06493	LUCERNE AV	WHITNEY AV	HECTOR AV	30	517.89	AC	164	85	SATISFACTORY	Y	
HAM02207	LUCKEY AV	FAIRMOUNT AV	VINTON ST	15	351.19	AC	650	75	SATISFACTORY	Y	
HAM01919	LUCKEY AV	KNOX ST	FAIRMOUNT AV	18	283.21	AC	650	92	GOOD	Y	
HAM01882	LUCKEY AV	TERM S OF KNOX ST	KNOX ST	16	213.57	AC	650	94	GOOD	Y	
HAM01985	LUCKEY AV	VINTON ST	TERM N OF VINTON ST	5	174.77		-1	-1		N	UNPAVED ROAD
HAM21833	LUDLOW AV	BERKSHIRE LN	OLD LUDLOW AV	64	766.86	AC	233	32	VERY POOR	Y	
HAM21846	LUDLOW AV	BOWDLE PL	RUE DE LA PAIX	57	289.19	AC	507	37	VERY POOR	Y	
HAM05969	LUDLOW AV	BROOKLINE DR	CLIFTON AV	41	1168.20	AC	432	79	SATISFACTORY	Y	
HAM05515	LUDLOW AV	CLIFTON AV	TELFORD ST	41	404.01	AC	234	72	SATISFACTORY	Y	
HAM21860	LUDLOW AV	CLIFTON HILLS AV	LAFAYETTE AV	56	870.73	AC	203	42	POOR	Y	
HAM62325	LUDLOW AV	COLLEGE DR	BOWDLE PL	56	114.39	AC	151	69	FAIR	Y	
HAM25518	LUDLOW AV	CORNELL PL	SHERLOCK AV	57	275.40	AC	258	64	FAIR	Y	
HAM05512	LUDLOW AV	GANO AV	OLD LUDLOW AV	57	544.39	AC	252	43	POOR	Y	
HAM62324	LUDLOW AV	LAFAYETTE AV	COLLEGE DR	56	448.15	AC	238	73	SATISFACTORY	Y	
HAM62319	LUDLOW AV	LUDLOW AV TO CENTRAL PKWY RAMP	LUDLOW AVENUE VIA	56	227.40	PCC	362	86	GOOD	Y	
HAM05510	LUDLOW AV	LYLEBURN PL	GANO AV	58	114.18	AC	297	37	VERY POOR	Y	
HAM25516	LUDLOW AV	MIDDLETON AV	WHITFIELD AV	41	356.15	AC	578	56	FAIR	Y	
HAM21834	LUDLOW AV	OLD LUDLOW AV	BERKSHIRE LN	55	216.10	AC	353	37	VERY POOR	Y	
HAM21861	LUDLOW AV	OLD LUDLOW AV	CLIFTON HILLS AV	57	467.55	AC	204	51	POOR	Y	
HAM05514	LUDLOW AV	ORMOND AV	MIDDLETON AV	39	262.81	AC	650	50	POOR	Y	
HAM62314	LUDLOW AV	RUE DE LA PAIX	CENTRAL PKWY TO LUDLOW AV RAMP	56	146.30	AC	407	49	POOR	Y	
HAM05511	LUDLOW AV	SHERLOCK AV	LYLEBURN PL	57	142.74	AC	307	47	POOR	Y	
HAM05513	LUDLOW AV	TELFORD ST	ORMOND AV	42	244.60	AC	244	77	SATISFACTORY	Y	
HAM25517	LUDLOW AV	WHITFIELD AV	CORNELL PL	41	307.11	AC	650	45	POOR	Y	
HAM07532	LUDLOW PL	CHAMBERS ST	GROGAN AL	24	266.10	PCC	650	68	FAIR	Y	
HAM07233	LUDLOW PL	GROGAN AL	MAD ANTHONY ST	24	128.95	PCC	650	79	SATISFACTORY	Y	
HAM34631	LUDLOW ST	ARCH ST	E 4TH ST	19	236.31	AC	620	41	POOR	Y	
HAM22059	LUHN AV	RAVENNA ST	WHETSEL AV	18	359.59	AC	650	40	VERY POOR	Y	
HAM22062	LUHN AV	STEWART AV	RAVENNA ST	24	852.70	AC	334	80	SATISFACTORY	Y	
HAM30750	LUKE DR	PINECONE LN	JONES ST	19	251.30	AC	650	75	SATISFACTORY	Y	
HAM03273	LUMARDO AV	GLENWAY AV	ROSEBUD DR	21	269.18	AC	650	77	SATISFACTORY	Y	
HAM35538	LUMARDO AV	ROSEBUD DR	TERM SW OF ROSEBUD DR	20	132.40	AC	650	61	FAIR	Y	
HAM05755	LUMBER ST	CALLAHAN ST	RIVERSIDE DR	30	165.43	AC	650	42	POOR	Y	
HAM38112	LUMFORD PL	TERM W OF KENNEDY AV	KENNEDY AV	24	332.24	AC	581	93	GOOD	Y	
HAM37108	LUMSDEN ST	TERM SW OF KELLOGG AV	KELLOGG AV	18	549.77	AC	650	91	GOOD	Y	UNCOLLECTED PORTION BOAT RAMP
HAM19853	LUNA AV	CLEMMER AV	STRAIGHT ST	31	351.39	AC	650	35	VERY POOR	Y	
HAM38912	LUNKENPARK DR	WILMER AV	TERM N OF WILMER AV	58	1255.25	PCC	482	60	FAIR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM30923	LUPO CT	RUHR WY	RHINE WY	16	633.37	AC	650	63	FAIR	Y	
HAM08402	LURCH AL	TIERNAN AL	CENTRAL AV	8	124.76		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM11144	LURLINE PL	GRACELY DR	PARKLAND AV	17	307.29	AC	650	37	VERY POOR	Y	
HAM37924	LUSANNE TER	TERM W OF MAYLAND DR	MAYLAND DR	23	424.51	AC	482	53	POOR	Y	
HAM01944	LUSITANIA AV	ST LAWRENCE AV	MIDLAND AV	24	528.38	AC	565	28	VERY POOR	Y	
HAM39528	LYLEBURN PL	LUDLOW AV	TERM N OF LUDLOW AV	28	691.41	AC	313	65	FAIR	Y	
HAM19863	LYON ST	MOERLEIN AV	CLIFTON AV	26	588.23	AC	650	57	FAIR	Y	
HAM19941	LYON ST	OHIO AV	MOERLEIN AV	22	635.36	AC	650	49	POOR	Y	
HAM11934	LYSLE LN	BOSWORTH PL	MONTGOMERY RD	23	353.26	AC	650	40	VERY POOR	Y	
HAM34599	LYTLE ST	E 3RD ST	PIKE ST	18	232.05	BR	650	-1		Y	ONE WAY
HAM17562	MAAG ST	RIVER RD	BAUMER ST	17	171.96	AC	650	78	SATISFACTORY	Y	
HAM38965	MACARTHUR CT	CORAL PARK DR	TERM W OF CORAL PARK DR	25	394.93	AC	536	65	FAIR	Y	
HAM38540	MACAULEY ST	TERM S OF E MCMILLAN ST	E MCMILLAN ST	21	226.03	AC	650	38	VERY POOR	Y	
HAM38181	MACE AV	TERM S OF SHEEHAN AV	SHEEHAN AV	23	391.46	AC	504	51	POOR	Y	
HAM37640	MACEY AV	TERM NW OF ERIE AV	ERIE AV	25	515.58	AC	650	33	VERY POOR	Y	
HAM37143	MACKENZIE AV	REVERE AV	TERM NE OF REVERE AV	13	300.48	AC	650	93	GOOD	Y	
HAM07244	MAD ANTHONY ST	BOYD ST	KNOWLTON ST	29	300.71	AC	328	95	GOOD	Y	
HAM07230	MAD ANTHONY ST	CHASE AV	APJONES ST	30	656.49	AC	328	95	GOOD	Y	
HAM07314	MAD ANTHONY ST	KNOWLTON ST	LUDLOW PL	29	374.03	AC	210	95	GOOD	Y	
HAM07234	MAD ANTHONY ST	LUDLOW PL	SHALE AL	29	126.28	AC	300	95	GOOD	Y	
HAM07232	MAD ANTHONY ST	SHALE AL	CHASE AV	29	159.92	AC	326	93	GOOD	Y	
HAM07245	MAD ANTHONY ST	SPRING GROVE AV	BOYD ST	30	232.96	AC	356	95	GOOD	Y	
HAM07247	MAD ANTHONY ST	WILLIAM P DOOLEY BYPS	SPRING GROVE AV	44	264.98	AC	314	82	SATISFACTORY	Y	
HAM26473	MADISON PARK AV	ORKNEY AV	CAMBERWELL RD	25	850.47	AC	389	57	FAIR	Y	
HAM39491	MADISON PARK AV	TERM W OF ORKNEY AV	ORKNEY AV	24	116.12		-1	-1		N	BLOCKED BY CONSTRUCTION
HAM21326	MADISON RD	ALLSTON ST	GILMORE AV	60	722.60	AC	534	67	FAIR	Y	
HAM00498	MADISON RD	ANDERSON PL	STEWART AV	44	518.85	AC	294	57	FAIR	Y	
HAM19711	MADISON RD	ANDREW AV	HYDE PARK AV	60	460.54	AC	193	72	SATISFACTORY	Y	
HAM10702	MADISON RD	ANNWOOD ST	BAKER PL	61	190.43	AC	148	66	FAIR	Y	
HAM12129	MADISON RD	APPLETON ST	BRAZEE ST	61	331.73	AC	567	84	SATISFACTORY	Y	
HAM50521	MADISON RD	BABSON PL	INSPIRATION WY	51	619.45	AC	206	62	FAIR	Y	
HAM10701	MADISON RD	BAKER PL	BEECHCREST LN	61	203.52	AC	93	75	SATISFACTORY	Y	
HAM07747	MADISON RD	BEDFORD AV	BEDFORD TER	61	335.54	AC	217	50	POOR	Y	
HAM07720	MADISON RD	BEDFORD TER	EAST HILL AV	63	335.82	AC	265	64	FAIR	Y	
HAM10704	MADISON RD	BEECHCREST LN	ELMHURST AV	60	592.95	AC	162	68	FAIR	Y	
HAM19737	MADISON RD	BESUDEN CT	ZUMSTEIN AV	61	487.72	AC	181	65	FAIR	Y	
HAM33852	MADISON RD	BRAZEE ST	VANDERCAR WY	59	1667.13	AC	329	72	SATISFACTORY	Y	
HAM21318	MADISON RD	BROWNWAY AV	TAYLOR AV	60	187.13	AC	306	64	FAIR	Y	
HAM17405	MADISON RD	BURCH AV	BESUDEN CT	64	371.70	AC	180	59	FAIR	Y	
HAM55465	MADISON RD	CANINE DR	BABSON PL	50	333.83	AC	215	61	FAIR	Y	
HAM21513	MADISON RD	CHAPEL ST	WOODBURN AV	54	945.56	AC	470	71	SATISFACTORY	Y	
HAM19744	MADISON RD	CINC|NOR CORPLINE	EDWARDS RD	60	321.30	AC	236	74	SATISFACTORY	Y	
HAM21533	MADISON RD	CLEINVIEW AV	JOHNSTONE PL	61	380.01	AC	210	69	FAIR	Y	
HAM05746	MADISON RD	COHOON ST	CINNAMON ST	59	246.26	AC	180	80	SATISFACTORY	Y	
HAM09805	MADISON RD	COLLINWOOD PL	CHARLEMAR DR	49	392.38	AC	140	81	SATISFACTORY	Y	
HAM05751	MADISON RD	DEXTER PL	KEYS CRSC	61	621.74	AC	145	77	SATISFACTORY	Y	
HAM19612	MADISON RD	DRAKE AV	ROMANA PL	60	328.59	AC	258	74	SATISFACTORY	Y	
HAM61877	MADISON RD	DRAKEWOOD DR	MARKBREIT AV	24	372.76	AC	473	71	SATISFACTORY	Y	
HAM50520	MADISON RD	E EASTWOOD CIR	CANINE DR	46	401.94	AC	185	66	FAIR	Y	
HAM32049	MADISON RD	EAST HILL AV	MADISON LN	61	808.87	AC	196	55	POOR	Y	
HAM00497	MADISON RD	EBERSOLE AV	RAVENNA ST	44	450.02	AC	157	54	POOR	Y	
HAM19771	MADISON RD	EDWARDS RD	MICHIGAN AV	59	519.32	AC	650	75	SATISFACTORY	Y	
HAM19615	MADISON RD	EILEEN DR	DRAKE AV	60	247.85	AC	196	74	SATISFACTORY	Y	
HAM05759	MADISON RD	ELMHURST AV	COHOON ST	61	466.25	AC	177	57	FAIR	Y	
HAM17390	MADISON RD	ERIE AV	KENDALL AV	60	587.62	AC	153	64	FAIR	Y	
HAM21331	MADISON RD	GILMORE AV	BROWNWAY AV	60	296.37	AC	242	66	FAIR	Y	
HAM33937	MADISON RD	GLENSHADE AV	STAFFORD ST	48	574.44	AC	257	53	POOR	Y	
HAM21534	MADISON RD	HACKBERRY ST	CLEINVIEW AV	60	291.36	AC	231	58	FAIR	Y	
HAM19702	MADISON RD	HYDE PARK AV	EILEEN DR	60	338.82	AC	155	72	SATISFACTORY	Y	
HAM55469	MADISON RD	INSPIRATION WY	RED BANK EXWY	53	601.84	AC	292	50	POOR	Y	
HAM05740	MADISON RD	JOHNSTONE PL	KEYS CRSC	61	216.77	AC	201	70	FAIR	Y	
HAM17397	MADISON RD	KENDALL AV	STETTINIUS AV	60	420.24	AC	177	67	FAIR	Y	
HAM26449	MADISON RD	KENNEDY AV	STEEL PL	42	624.06	AC	332	62	FAIR	Y	
HAM05739	MADISON RD	KEYS CRSC	DEXTER PL	61	103.08	AC	144	58	FAIR	Y	
HAM10255	MADISON RD	KEYS CRSC	ANNWOOD ST	61	373.17	AC	144	91	GOOD	Y	
HAM61876	MADISON RD	MADISON RD TO MADISON RD RAMP	DRAKEWOOD DR	24	118.94	AC	190	55	POOR	Y	
HAM19701	MADISON RD	MAPLE PARK AV	WOODLAND AV	61	272.12	AC	180	81	SATISFACTORY	Y	
HAM13091	MADISON RD	MATHIS ST	GLENSHADE AV	48	822.00	AC	284	45	POOR	Y	
HAM55429	MADISON RD	MEDPACE WY	ANDERSON PL	44	708.72	AC	237	67	FAIR	Y	
HAM19654	MADISON RD	MICHIGAN AV	MAPLE PARK AV	61	170.93	AC	199	70	FAIR	Y	
HAM21572	MADISON RD	MOORMAN AV	HACKBERRY ST	59	323.19	AC	171	73	SATISFACTORY	Y	
HAM00483	MADISON RD	OAKLAWN DR	COLLINWOOD PL	49	245.55	AC	202	75	SATISFACTORY	Y	
HAM61936	MADISON RD	OBRYON ST	LAVINIA AV	60	313.46	AC	650	65	FAIR	Y	
HAM32043	MADISON RD	OBSERVATORY AV	ERIE AV	59	1191.99	AC	198	49	POOR	Y	
HAM00518	MADISON RD	RAVENNA ST	WHETSEL AV	45	345.20	AC	178	95	GOOD	Y	
HAM00484	MADISON RD	RED BANK EXWY	MEDPACE WY	83	560.57	AC	356	67	FAIR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM26450	MADISON RD	RIDGE AV	CAMBERWELL RD	40	910.82	AC	287	78	SATISFACTORY	Y	
HAM13121	MADISON RD	ROANOKE ST	JAMESON ST	40	274.15	AC	170	60	FAIR	Y	
HAM12162	MADISON RD	ROMANA PL	ALLSTON ST	72	92.14	AC	264	63	FAIR	Y	
HAM13117	MADISON RD	SETTLE ST	ROANOKE ST	39	170.58	AC	203	51	POOR	Y	
HAM13115	MADISON RD	STAFFORD ST	SETTLE ST	44	237.40	AC	187	69	FAIR	Y	
HAM07538	MADISON RD	STEEL PL	OAKLAWN DR	44	1221.66	AC	222	52	POOR	Y	
HAM17406	MADISON RD	STETTINIUS AV	BURCH AV	59	487.15	AC	179	59	FAIR	Y	
HAM00500	MADISON RD	STEWART AV	EBERSOLE AV	45	270.94	AC	288	60	FAIR	Y	
HAM12132	MADISON RD	TAYLOR AV	BROTHERTON RD	59	304.71	AC	578	75	SATISFACTORY	Y	
HAM07741	MADISON RD	TORRENCE PKWY	BEDFORD AV	60	529.29	AC	203	69	FAIR	Y	
HAM33549	MADISON RD	VANDERCAR WY	RIDGE AV	72	523.59	AC	597	62	FAIR	Y	
HAM00520	MADISON RD	WARD ST	MATHIS ST	48	329.22	AC	261	55	POOR	Y	
HAM00519	MADISON RD	WHETSEL AV	WARD ST	47	346.78	AC	204	92	GOOD	Y	
HAM21571	MADISON RD	WOODBURN AV	MOORMAN AV	60	227.90	AC	310	70	FAIR	Y	
HAM19710	MADISON RD	WOODLAND AV	ANDREW AV	60	674.09	AC	173	71	SATISFACTORY	Y	
HAM19743	MADISON RD	ZUMSTEIN AV	CINC|NOR CORPLINE	60	168.02	AC	481	63	FAIR	Y	
HAM26353	MAGILL AV	HUTCHINS AV	LEXINGTON AV	30	336.36	AC	274	69	FAIR	Y	ONE WAY
HAM36985	MAGLY CT	TERM S OF AMBAR AV	AMBAR AV	24	268.24	AC	650	91	GOOD	Y	
HAM30656	MAGNOLIA ST	ELM ST	CENTRAL PKWY	24	422.68	AC	592	61	FAIR	Y	
HAM08660	MAIN ST	ALDEN AL	E 9TH ST	40	176.80	AC	332	64	FAIR	Y	ONE WAY
HAM20251	MAIN ST	ANTIQUE ST	SEITZ ST	3	179.44		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM20196	MAIN ST	DORSEY ST	ELEANOR PL	3	389.22		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM09075	MAIN ST	E 12TH ST	GREAR AL	39	117.45	AC	650	95	GOOD	Y	ONE WAY
HAM32230	MAIN ST	E 13TH ST	WOODWARD ST	39	240.12	AC	513	94	GOOD	Y	ONE WAY
HAM20318	MAIN ST	E 14TH ST	ORCHARD ST	42	158.11	AC	489	96	GOOD	Y	ONE WAY
HAM28014	MAIN ST	E 3RD ST	HAMMOND ST	46	201.35	AC	364	76	SATISFACTORY	Y	ONE WAY
HAM34627	MAIN ST	E 4TH ST	E 5TH ST	51	430.90	AC	231	76	SATISFACTORY	Y	ONE WAY
HAM08666	MAIN ST	E 5TH ST	GOVERNMENT PL	42	249.05	AC	236	77	SATISFACTORY	Y	ONE WAY
HAM08665	MAIN ST	E 6TH ST	GANO ST	39	228.88	AC	356	68	FAIR	Y	ONE WAY
HAM08663	MAIN ST	E 7TH ST	WHETSTONE AL	41	106.07	AC	351	81	SATISFACTORY	Y	ONE WAY
HAM08661	MAIN ST	E 8TH ST	ALDEN AL	39	171.85	AC	309	57	FAIR	Y	ONE WAY
HAM09909	MAIN ST	E 9TH ST	E COURT ST	41	223.78	AC	340	91	GOOD	Y	ONE WAY
HAM08659	MAIN ST	E CENTRAL PKWY	READING RD	40	185.46	AC	286	85	SATISFACTORY	Y	ONE WAY
HAM20247	MAIN ST	E CLIFTON AV	PEETE ST	32	185.99	AC	336	95	GOOD	Y	
HAM09911	MAIN ST	E COURT ST	E CENTRAL PKWY	48	326.81	AC	650	87	GOOD	Y	ONE WAY
HAM20249	MAIN ST	E LIBERTY ST	E MCMICKEN AV	40	177.38	AC	650	88	GOOD	Y	
HAM20250	MAIN ST	E MCMICKEN AV	SCHILLER ST	33	319.62	AC	403	93	GOOD	Y	
HAM08664	MAIN ST	GANO ST	E 7TH ST	40	227.11	AC	374	67	FAIR	Y	ONE WAY
HAM20252	MAIN ST	GOETHE ST	DORSEY ST	3	169.30		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM08667	MAIN ST	GOVERNMENT PL	E 6TH ST	44	254.25	AC	518	58	FAIR	Y	ONE WAY
HAM09074	MAIN ST	GREAR AL	E 13TH ST	37	139.43	AC	650	91	GOOD	Y	ONE WAY
HAM27564	MAIN ST	HAMMOND ST	E 4TH ST	46	264.27	AC	286	79	SATISFACTORY	Y	ONE WAY
HAM20242	MAIN ST	MELINDY ST	E LIBERTY ST	42	159.35	AC	650	92	GOOD	Y	ONE WAY
HAM09076	MAIN ST	MICHAEL BANY WY	E 12TH ST	40	143.87	AC	605	85	SATISFACTORY	Y	ONE WAY
HAM20243	MAIN ST	ORCHARD ST	MELINDY ST	43	132.49	AC	311	96	GOOD	Y	ONE WAY
HAM20246	MAIN ST	PEETE ST	ANTIQUE ST	31	186.01	AC	650	95	GOOD	Y	
HAM09078	MAIN ST	READING RD	WILKYMACKY AL	41	120.69	AC	274	76	SATISFACTORY	Y	ONE WAY
HAM20235	MAIN ST	SEITZ ST	GOETHE ST	4	172.47		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM08662	MAIN ST	WHETSTONE AL	E 8TH ST	40	175.18	AC	378	45	POOR	Y	ONE WAY
HAM09077	MAIN ST	WILKYMACKY AL	MICHAEL BANY WY	40	115.56	AC	650	72	SATISFACTORY	Y	ONE WAY
HAM20320	MAIN ST	WOODWARD ST	E 14TH ST	41	247.67	AC	285	96	GOOD	Y	ONE WAY
HAM38481	MALDEN WALK		POPLAR ST	14	305.13	AC	650	35	VERY POOR	Y	UNCOLLECTED PORTION BLOCKED BY LOW HANGING TREE AND DEBRIS
HAM39140	MALIN ST	TERM S OF E MARTIN LUTHER KING JR DR	E MARTIN LUTHER KING JR DR	19	331.27	AC	650	95	GOOD	Y	
HAM07769	MALORY CT	BURKE AV	EVANSTON AV	17	611.19	AC	650	80	SATISFACTORY	Y	
HAM07757	MALORY CT	WOLD AV	BURKE AV	15	692.97	AC	466	70	FAIR	Y	
HAM20156	MALVERN PL	ELEANOR PL	AUDREY TER	28	401.64	AC	650	95	GOOD	Y	
HAM08357	MANCHESTER AV	W MCMICKEN AV	MOHAWK ST	12	158.71	AC	650	91	GOOD	Y	
HAM02669	MANDERY AV	FAIRMOUNT AV	LEY AV	22	144.25	AC	650	77	SATISFACTORY	Y	
HAM02734	MANDERY AV	LEY AV	BICKEL AV	21	286.14	AC	650	91	GOOD	Y	
HAM26112	MANITOU ST	FOWLER ST	SYMMES ST	21	127.67	AC	650	87	GOOD	Y	
HAM26120	MANITOU ST	TERHUNE AL	BOONE ST	21	127.66	AC	650	28	VERY POOR	Y	
HAM38411	MANN PL	READING RD	TERM E OF READING RD	23	566.78	AC	607	77	SATISFACTORY	Y	
HAM21772	MANNING AV	CORAL PARK DR	DARTMOUTH DR	20	1210.63	AC	432	63	FAIR	Y	
HAM34308	MANNINGTON AV	EARLSCOURT VIEW	TWEED AV	24	872.04	AC	411	95	GOOD	Y	
HAM11434	MANNINGTON AV	VANDYKE DR	TWEED AV	21	513.19	AC	591	52	POOR	Y	
HAM39527	MANOR HILL DR	LUDLOW AV	TERM N OF LUDLOW AV	19	1011.85	AC	650	75	SATISFACTORY	Y	
HAM20298	MANSFIELD ST	E 14TH ST	EDDY AL	17	119.65	AC	650	71	SATISFACTORY	Y	
HAM50844	MANSFIELD ST	EDDY AL	TERM N OF EDDY AL	18	160.34	AC	650	57	FAIR	Y	
HAM20127	MANSFIELD ST	LIBERTY HILL	MILTON ST	35	341.63	AC	650	50	POOR	Y	
HAM02368	MANSION AV	KENSINGTON PL	WARSAW AV	23	315.28	AC	650	45	POOR	Y	
HAM02324	MANSION AV	OSAGE AV	KENSINGTON PL	24	386.31	AC	650	73	SATISFACTORY	Y	
HAM32014	MANSION AV	TERM S OF GLENWAY AV	GLENWAY AV	20	368.78	AC	650	71	SATISFACTORY	Y	
HAM32378	MANSS AV	DAVORAN ST	LATHAM AV	30	605.84	AC	213	59	FAIR	Y	
HAM02123	MANSS AV	GLENWAY AV	MAYFIELD AV	29	711.84	AC	389	52	POOR	Y	
HAM02113	MANSS AV	LATHAM AV	FOLSOM AV	25	554.65	AC	280	72	SATISFACTORY	Y	
HAM02107	MANSS AV	MAYFIELD AV	W LIBERTY ST	29	354.92	AC	626	64	FAIR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM02124	MANSS AV	W LIBERTY ST	DAVORAN ST	30	672.08	AC	650	65	FAIR	Y	
HAM38242	MANUEL ST	CHAPMAN ST	TERM E OF CHAPMAN ST	25	298.79	AC	650	45	POOR	Y	
HAM21549	MAPLE AV	HALLWOOD PL	KNOTT ST	21	598.37	AC	650	79	SATISFACTORY	Y	
HAM05838	MAPLE AV	HARVEY AV	HALLWOOD PL	15	390.03	AC	458	82	SATISFACTORY	Y	
HAM34703	MAPLE AV	KNOTT ST	READING RD	23	604.27	AC	650	93	GOOD	Y	
HAM38054	MAPLE DR	TERM SE OF MARBURG AV	MARBURG AV	25	595.41	AC	650	90	GOOD	Y	
HAM19708	MAPLE PARK AV	WASSON RD	MADISON RD	20	627.35	AC	650	94	GOOD	Y	ONE WAY
HAM37323	MAPLECREST PL	TERM W OF MARBURG AV	MARBURG AV	24	565.51	AC	541	81	SATISFACTORY	Y	
HAM12206	MAPLELEAF AV	GLENGATE LN	LESTER RD	25	679.53	AC	593	40	VERY POOR	Y	
HAM12195	MAPLELEAF AV	LESTER RD	VERULAM AV	29	466.25	AC	650	90	GOOD	Y	
HAM12205	MAPLELEAF AV	MILAN AV	GLENGATE LN	24	287.77	AC	650	58	FAIR	Y	
HAM12189	MAPLELEAF AV	VERULAM AV	RIDGE AV	29	1028.92	AC	451	93	GOOD	Y	
HAM26114	MAPLEWOOD AV	EARNSHAW AV	GILMAN AV	30	223.76	AC	650	52	POOR	Y	
HAM20210	MAPLEWOOD AV	GILMAN AV	MCGREGOR AV	31	460.90	AC	650	60	FAIR	Y	
HAM07881	MAPLEWOOD AV	HELEN ST	MCCORMICK PL	26	246.02	AC	650	45	POOR	Y	
HAM07880	MAPLEWOOD AV	KINSEY AV	E MCMILLAN ST	28	558.93	AC	591	55	POOR	Y	
HAM07865	MAPLEWOOD AV	MCCORMICK PL	KINSEY AV	30	258.91	AC	396	64	FAIR	Y	
HAM07882	MAPLEWOOD AV	MCGREGOR AV	HELEN ST	30	351.42	AC	622	65	FAIR	Y	
HAM07679	MARBLE AL	CEDAR AL	FAIRPARK AV	15	194.15	AC	650	84	SATISFACTORY	Y	
HAM07456	MARBLE AL	CHERRY ST	DELANEY ST	6	273.42		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM07678	MARBLE AL	FAIRPARK AV	WILLOW AL	14	194.14	AC	650	67	FAIR	Y	
HAM07457	MARBLE AL	TURRILL ST	CHERRY ST	8	250.19		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM07680	MARBLE AL	VINE ST	CEDAR AL	15	193.79	AC	650	81	SATISFACTORY	Y	
HAM27038	MARBLE AL	VINE ST	POPLAR LN	15	193.67	AC	650	85	SATISFACTORY	Y	
HAM07433	MARBLE ST	DELANEY ST	JO WILLIAMS ST	15	426.45	AC	650	95	GOOD	Y	ONE WAY
HAM26535	MARBURG AV	ALAMO AV	I-71 NB EXWY TO MARBURG AV RAMP	45	399.95	AC	319	44	POOR	Y	
HAM12794	MARBURG AV	ALICEMONT AV	S CLUBCREST AV	41	110.87	AC	169	81	SATISFACTORY	Y	
HAM12170	MARBURG AV	AMELIAMONT AV	S STERLING WY	40	224.43	AC	145	76	SATISFACTORY	Y	
HAM12752	MARBURG AV	ASTON CT	OAK VIEW PL	41	221.98	AC	155	82	SATISFACTORY	Y	
HAM12139	MARBURG AV	BACH AV	MAPLE DR	41	282.88	AC	650	86	GOOD	Y	
HAM38055	MARBURG AV	CARDIFF AV	TERM N OF CARDIFF AV	40	239.81	AC	650	86	GOOD	Y	
HAM12795	MARBURG AV	CLARAMONT AV	ALICEMONT AV	41	225.34	AC	120	86	GOOD	Y	
HAM12743	MARBURG AV	ERIE AV	WASSON RD	39	876.20	AC	396	79	SATISFACTORY	Y	
HAM12786	MARBURG AV	EVERSON AV	N CLUBCREST AV	40	145.87	AC	150	79	SATISFACTORY	Y	
HAM12755	MARBURG AV	GLENHURST PL	ASTON CT	40	220.41	AC	181	86	GOOD	Y	
HAM39501	MARBURG AV	I-71 NB EXWY TO MARBURG AV RAMP	TERM N OF I-71 NB EXWY TO MARBURG AV RAMP	39	187.43	AC	650	65	FAIR	Y	
HAM26508	MARBURG AV	IBSEN AV	ALAMO AV	53	712.22	AC	650	66	FAIR	Y	
HAM12153	MARBURG AV	MAPLE DR	CAVOUR ST	40	572.54	AC	650	37	VERY POOR	Y	
HAM12790	MARBURG AV	N CLUBCREST AV	PAXTON AV	40	393.67	AC	166	78	SATISFACTORY	Y	
HAM12166	MARBURG AV	N STERLING WY	CLARAMONT AV	41	221.60	AC	133	85	SATISFACTORY	Y	
HAM12172	MARBURG AV	OAK VIEW PL	AMELIAMONT AV	40	221.60	AC	183	82	SATISFACTORY	Y	
HAM33546	MARBURG AV	OAKLEY STATION BLVD	VANDERCAR WY	39	462.63	AC	650	38	VERY POOR	Y	
HAM12788	MARBURG AV	PAXTON AV	BACH AV	40	353.76	AC	459	86	GOOD	Y	
HAM12792	MARBURG AV	S CLUBCREST AV	EVERSON AV	40	158.21	AC	159	77	SATISFACTORY	Y	
HAM12168	MARBURG AV	S STERLING WY	N STERLING WY	41	218.59	AC	126	78	SATISFACTORY	Y	
HAM31045	MARBURG AV	SAWGRASS LN	GLENHURST PL	40	138.70	AC	138	77	SATISFACTORY	Y	
HAM34003	MARBURG AV	VANDERCAR WY	IBSEN AV	39	977.49	AC	370	44	POOR	Y	
HAM31044	MARBURG AV	WASSON RD	SAWGRASS LN	40	360.78	AC	239	81	SATISFACTORY	Y	
HAM01901	MARGARET ST	FORBUS ST	WESTWOOD AV	5	187.33		-1	-1		N	BOOTS ON THE GROUND / PEDESTRIAN PATHWAY
HAM01916	MARGARET ST	LYDIA ST	FORBUS ST	10	221.93	AC	650	36	VERY POOR	Y	
HAM39003	MARIA AV	MCPHERSON AV	TERM W OF MCPHERSON AV	20	251.49	AC	650	61	FAIR	Y	
HAM34622	MARIAN SPENCER WY	E FREEDOM WY	E 2ND ST	44	386.07	PCC	477	24	SERIOUS	Y	
HAM34619	MARIAN SPENCER WY	E TED BERRY WY	E FREEDOM WY	44	226.23	PCC	650	79	SATISFACTORY	Y	
HAM06565	MARIETTA ST	BRAMBLE AV	PALMETTO ST	19	272.28	AC	650	75	SATISFACTORY	Y	
HAM06630	MARIETTA ST	BRITTON AV	MERWIN AV	18	269.65	AC	564	75	SATISFACTORY	Y	
HAM06628	MARIETTA ST	MERWIN AV	WINDWARD ST	19	318.00	AC	609	74	SATISFACTORY	Y	
HAM06561	MARIETTA ST	PALMETTO ST	BRITTON AV	20	259.93	AC	380	92	GOOD	Y	
HAM13157	MARIETTA ST	WINDWARD ST	ROE ST	20	305.09	AC	540	91	GOOD	Y	
HAM12117	MARION AV	DAKOTA AV	WINDING WY	39	535.56	AC	430	74	SATISFACTORY	Y	
HAM38387	MARION AV	TERM NW OF DAKOTA AV	DAKOTA AV	39	1051.23	AC	404	75	SATISFACTORY	Y	
HAM20528	MARIWOOD LN	TERM W OF MEARS AV	MEARS AV	25	460.03	AC	650	85	SATISFACTORY	Y	
HAM19647	MARKBREIT AV	BRIGGS PL	MILLSBRAE AV	36	497.99	AC	197	83	SATISFACTORY	Y	
HAM24087	MARKBREIT AV	EDWARDS RD	BRIGGS PL	36	371.10	AC	284	54	POOR	Y	
HAM19657	MARKBREIT AV	EILEEN DR	MARKBREIT AV TO MADISON RD RAMP	36	1358.69	AC	393	80	SATISFACTORY	Y	
HAM12158	MARKBREIT AV	GILMORE AV	SAGOLA PL	25	493.93	AC	227	74	SATISFACTORY	Y	
HAM12157	MARKBREIT AV	MADISON RD	GILMORE AV	25	907.38	AC	458	39	VERY POOR	Y	
HAM19642	MARKBREIT AV	MILLSBRAE AV	EILEEN DR	36	327.06	AC	640	75	SATISFACTORY	Y	
HAM12159	MARKBREIT AV	SAGOLA PL	TAYLOR AV	25	173.45	AC	650	54	POOR	Y	
HAM27060	MARKET PL	E 72ND ST	GRANITE AL	16	201.47	AC	650	71	SATISFACTORY	Y	
HAM27047	MARKET PL	E SEYMOUR AV	E 72ND ST	29	379.82	AC	566	81	SATISFACTORY	Y	
HAM27059	MARKET PL	GRANITE AL	LONGVIEW ST	17	193.53	AC	521	67	FAIR	Y	
HAM19772	MARLINGTON AV	MIDDLEBROOK AV	GROVEDALE AV	24	420.94	AC	470	69	FAIR	Y	
HAM19756	MARLINGTON AV	WESTGATE AV	MIDDLEBROOK AV	24	333.32	AC	360	64	FAIR	Y	
HAM11678	MARLOWE AV	BUDMAR AV	CARY AV	31	415.23	AC	318	40	VERY POOR	Y	
HAM11679	MARLOWE AV	HAMILTON AV	BUDMAR AV	31	496.59	AC	542	52	POOR	Y	
HAM00424	MARLOWE AV	LANTANA AV	SARANAC AV	31	346.79	AC	581	81	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM00421	MARLOWE AV	SALVIA AV	HAMILTON AV	30	847.09	AC	488	58	FAIR	Y	
HAM00422	MARLOWE AV	SARANAC AV	SALVIA AV	31	346.95	AC	473	80	SATISFACTORY	Y	
HAM53149	MARMET AV	CLOISTER DR	TERM N OF CLOISTER DR	27	232.66	AC	650	76	SATISFACTORY	Y	
HAM34667	MARMET AV	TERM SE OF VINE ST	VINE ST	13	355.66	AC	650	27	VERY POOR	Y	
HAM37288	MARMION LN	TERM S OF DOUGLAS TER	DOUGLAS TER	24	990.83	AC	369	81	SATISFACTORY	Y	
HAM36364	MARQUETTE AV	CAMBRIDGE AV	TERM N OF CAMBRIDGE AV	15	732.33	AC	650	28	VERY POOR	Y	
HAM26461	MARRYAT AV	LESTER RD	TANNER AV	30	306.41	AC	468	71	SATISFACTORY	Y	
HAM27345	MARSHALL AV	CENTRAL PKWY	MASSACHUSETTS AV	36	502.57	AC	592	69	FAIR	Y	
HAM25535	MARSHALL AV	COLERAIN AV	SPRING GROVE AV	35	540.67	AC	359	65	FAIR	Y	
HAM25548	MARSHALL AV	DE VOTIE AV	PROBASCO ST	33	1259.77	AC	240	44	POOR	Y	
HAM39270	MARSHALL AV	FOULKE ST	TERM N OF FOULKE ST	16	452.84	AC	616	38	VERY POOR	Y	
HAM27340	MARSHALL AV	MASSACHUSETTS AV	SIDNEY AV	36	240.43	AC	286	67	FAIR	Y	
HAM58511	MARSHALL AV	MORELAND AV	CENTRAL PKWY	30	129.63	AC	542	65	FAIR	Y	
HAM25492	MARSHALL AV	PROBASCO ST	RIDDLE RD	29	460.52	AC	541	46	POOR	Y	
HAM25489	MARSHALL AV	RIDDLE RD	FOULKE ST	18	312.73	AC	650	51	POOR	Y	
HAM27334	MARSHALL AV	SIDNEY AV	COLERAIN AV	35	329.83	AC	267	76	SATISFACTORY	Y	
HAM25543	MARSHALL AV	W MCMICKEN AV	DE VOTIE AV	31	289.65	AC	650	36	VERY POOR	Y	
HAM58512	MARSHALL AV	W MCMICKEN AV	MORELAND AV	30	211.03	AC	650	88	GOOD	Y	
HAM54282	MARTHA AV	COPPICE LN	BADGELEY ST	23	145.51	AC	650	47	POOR	Y	
HAM02165	MARTHA AV	VIRGINIA AV	COPPICE LN	23	257.93	AC	650	88	GOOD	Y	
HAM08706	MARTIN DR	E 3RD ST	MARTIN DR TO COLUMBIA WB PKWY RAMP	16	801.65	PCC	256	100	GOOD	Y	ONE WAY
HAM26154	MARTIN DR	MARTIN DR TO COLUMBIA WB PKWY RAMP	PARADROME ST	29	606.04	AC	301	54	POOR	Y	
HAM26149	MARTIN DR	PARADROME ST	PARKSIDE PL	32	257.40	AC	650	67	FAIR	Y	
HAM08634	MARTIN DR TO COLUMBIA WB PKWY RAMP	MARTIN DR	COLUMBIA PKWY	21	603.83	AC	297	68	FAIR	Y	ONE WAY
HAM53446	MARVIN AV	LOISWOOD DR	TERM S OF TELFORD AV	4	140.74		-1	-1		N	BLOCKED BY BARRICADE
HAM35951	MARY ANNE LN	TYNE AV	TERM E OF TYNE AV	19	301.48	AC	650	69	FAIR	Y	
HAM38496	MARY LN	WESS PARK DR	TERM E OF WESS PARK DR	21	226.13	AC	650	69	FAIR	Y	
HAM02378	MARYLAND AV	CHATEAU AV	GRAND AV	25	314.53	AC	650	59	FAIR	Y	
HAM61452	MARYLAND AV	ELBERON AV	TERM N OF ELBERON AV	26	1649.88	AC	650	57	FAIR	Y	
HAM02328	MARYLAND AV	MT HOPE AV	SUMMIT AV	19	396.00	AC	650	84	SATISFACTORY	Y	
HAM02323	MARYLAND AV	SUMMIT AV	CHATEAU AV	27	305.19	AC	650	49	POOR	Y	
HAM61451	MARYLAND AV	TERM SE OF MT HOPE AV	MT HOPE AV	26	713.24	AC	571	68	FAIR	Y	UNCOLLECTED PORTION BLOCKED BY BARRICADE
HAM27774	MASONIC AL	PRIVATE AL	BROADWAY	9	232.18	AC	650	74	SATISFACTORY	Y	
HAM25604	MASSACHUSETTS AV	BADER ST	TOWNSHIP ST	30	446.54	AC	360	95	GOOD	Y	
HAM27338	MASSACHUSETTS AV	HEYWOOD ST	MARSHALL AV	30	264.26	AC	349	89	GOOD	Y	
HAM27341	MASSACHUSETTS AV	MARSHALL AV	BADER ST	30	671.52	AC	433	95	GOOD	Y	
HAM38820	MASSACHUSETTS AV	RACHEL ST	TERM N OF RACHEL ST	30	256.97	AC	432	95	GOOD	Y	
HAM27321	MASSACHUSETTS AV	STOCK ST	COMBS AL	30	268.35	AC	650	95	GOOD	Y	
HAM25598	MASSACHUSETTS AV	TOWNSHIP ST	RACHEL ST	30	445.81	AC	463	93	GOOD	Y	
HAM26249	MATHERS ST	ALTOONA ST	RAMMELSBURG ST	30	880.90	AC	650	38	VERY POOR	Y	
HAM26348	MATHERS ST	RAMMELSBURG ST	BERESFORD AV	23	335.07	AC	650	49	POOR	Y	
HAM06581	MATHIS ST	CLEPHANE AV	UNNAMED AL	20	162.90	AC	447	37	VERY POOR	Y	
HAM00548	MATHIS ST	CONOVER ST	PRENTICE ST	17	342.17	AC	427	89	GOOD	Y	ONE WAY
HAM06872	MATHIS ST	ERIE AV	CONOVER ST	24	316.03	AC	650	93	GOOD	Y	ONE WAY
HAM54222	MATHIS ST	MADISON RD	UNNAMED AL	21	207.01	AC	544	93	GOOD	Y	
HAM06873	MATHIS ST	NAVARRE PL	ERIE AV	28	241.30	AC	469	66	FAIR	Y	
HAM33877	MATHIS ST	PRENTICE ST	MADISON RD	21	343.84	AC	650	95	GOOD	Y	ONE WAY
HAM06552	MATHIS ST	ROE ST	UNNAMED AL	21	164.58	AC	584	37	VERY POOR	Y	
HAM00545	MATHIS ST	SIERRA ST	UNNAMED AL	20	181.05	AC	415	85	SATISFACTORY	Y	
HAM00544	MATHIS ST	UNNAMED AL	DESMOND ST	20	182.42	AC	650	72	SATISFACTORY	Y	
HAM00546	MATHIS ST	UNNAMED AL	SIERRA ST	20	148.85	AC	650	81	SATISFACTORY	Y	
HAM06546	MATHIS ST	UNNAMED AL	CLEPHANE AV	20	109.68	AC	371	38	VERY POOR	Y	
HAM06577	MATHIS ST	UNNAMED AL	NAVARRE PL	22	78.96	AC	319	40	VERY POOR	Y	
HAM57413	MATLOCK AV	CALIFORNIA AV	MONOQUE AL	30	146.51	AC	650	71	SATISFACTORY	Y	
HAM12383	MATLOCK AV	CAROLINA AV	CALIFORNIA AV	25	277.47	AC	388	67	FAIR	Y	
HAM12463	MATLOCK AV	CRUSEY AL	RYLAND AV	25	151.25	AC	274	69	FAIR	Y	
HAM12386	MATLOCK AV	FRANKLIN AV	CAROLINA AV	24	271.15	AC	274	79	SATISFACTORY	Y	
HAM57412	MATLOCK AV	HAFER AL	ELIZABETH PL	30	151.09	AC	650	73	SATISFACTORY	Y	
HAM23896	MATLOCK AV	JOSEPH ST	YARMOUTH AV	24	310.05	AC	341	64	FAIR	Y	
HAM12464	MATLOCK AV	LAIDLAW AV	CRUSEY AL	25	127.57	AC	650	58	FAIR	Y	
HAM57414	MATLOCK AV	MONOQUE AL	REGENT AV	30	142.07	AC	186	79	SATISFACTORY	Y	
HAM57411	MATLOCK AV	REGENT AV	HAFER AL	30	143.66	AC	167	83	SATISFACTORY	Y	
HAM23892	MATLOCK AV	YARMOUTH AV	FRANKLIN AV	23	311.20	AC	538	61	FAIR	Y	
HAM11310	MATSON PL	W 8TH ST	PRICE AV	36	402.68	AC	274	54	POOR	Y	
HAM38891	MAUREEN LN	TERM S OF WILLNET DR	WILLNET DR	24	500.91	AC	650	68	FAIR	Y	
HAM39141	MAXWELL AV	VERNON PL	TERM E OF VERNON PL	36	443.75	AC	627	36	VERY POOR	Y	
HAM07957	MAY ST	BURBANK ST	MORGAN ST	30	276.64	AC	454	90	GOOD	Y	
HAM27976	MAY ST	CROWN ST	WILLIAM H TAFT RD	37	209.68	AC	650	82	SATISFACTORY	Y	
HAM27962	MAY ST	E MCMILLAN ST	CROWN ST	37	384.33	AC	526	85	SATISFACTORY	Y	
HAM27988	MAY ST	JUNE ST	OAK ST	37	461.67	AC	417	67	FAIR	Y	
HAM27933	MAY ST	LINDSAY AL	E MCMILLAN ST	30	142.01	AC	502	73	SATISFACTORY	Y	
HAM24249	MAY ST	MCGREGOR AV	WILKINSON ST	23	277.13	AC	650	77	SATISFACTORY	Y	
HAM26139	MAY ST	MONROE ST	MCGREGOR AV	23	275.50	AC	650	84	SATISFACTORY	Y	
HAM07958	MAY ST	MORGAN ST	WAYNE ST	31	273.74	AC	565	79	SATISFACTORY	Y	
HAM27987	MAY ST	OAK ST	TUXEDO PL	37	699.64	AC	535	83	SATISFACTORY	Y	
HAM26119	MAY ST	TERM S OF MONROE ST	MONROE ST	25	200.75	AC	650	72	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM34688	MAY ST	TUXEDO PL	LINCOLN AV	37	458.47	PCC	650	53	POOR	Y	
HAM27934	MAY ST	WAYNE ST	LINDSAY AL	30	135.00	AC	203	94	GOOD	Y	
HAM24231	MAY ST	WILKINSON ST	BURBANK ST	31	273.62	AC	355	84	SATISFACTORY	Y	
HAM27978	MAY ST	WILLIAM H TAFT RD	JUNE ST	37	174.05	AC	576	67	FAIR	Y	
HAM05358	MAYAPPLE ST	BABB AL	RIVERSIDE DR	24	134.84	AC	650	94	GOOD	Y	
HAM02569	MAYFIELD AV	BEECH AV	MANSS AV	16	259.94	AC	650	53	POOR	Y	
HAM02027	MAYFIELD AV	CARSON AV	RIDLEN AV	22	276.43	AC	550	62	FAIR	Y	
HAM02081	MAYFIELD AV	RIDLEN AV	ROSS AV	23	231.47	AC	589	60	FAIR	Y	
HAM11701	MAYFIELD AV	ROSS AV	QUEBEC RD	22	511.47	AC	630	59	FAIR	Y	
HAM12032	MAYFLOWER AV	LANGDON FARM RD	CINC|GOLFMN CORPLINE	25	221.46	AC	650	81	SATISFACTORY	Y	
HAM03503	MAYHEW AV	CINC|DELHTP CORPLINE	CINC|DELHTP CORPLINE	20	554.77	AC	234	76	SATISFACTORY	Y	
HAM20509	MAYLAND DR	LUSANNE TER	GLADE AV	24	374.77	AC	373	89	GOOD	Y	
HAM37925	MAYLAND DR	TERM S OF WOODLARK DR	WOODLARK DR	28	110.34	AC	650	88	GOOD	Y	
HAM20516	MAYLAND DR	WOODLARK DR	LUSANNE TER	23	855.90	AC	230	87	GOOD	Y	
HAM21776	MAYRIDGE CT	HANNA AV	MAYRIDGE CT	25	186.71	AC	383	60	FAIR	Y	
HAM38976	MAYRIDGE CT	MAYRIDGE CT	TERM NE OF MAYRIDGE CT SPLIT	28	675.08	AC	650	87	GOOD	Y	
HAM21770	MAYRIDGE CT	PICKBURY DR	HANNA AV	26	257.84	AC	553	48	POOR	Y	
HAM02428	MAYRIDGE CT	WERK RD	PICKBURY DR	25	274.27	AC	434	59	FAIR	Y	
HAM52383	MCALLISTER ST	E 4TH ST	TERM N OF E 4TH ST	18	324.13	AC	650	87	GOOD	Y	
HAM05468	MCALPIN AV	CLIFTON AV	MIDDLETON AV	34	948.29	AC	650	55	POOR	Y	
HAM35203	MCALPIN AV	DURBAN DR	LAFAYETTE AV	32	1149.08	AC	327	48	POOR	Y	
HAM35202	MCALPIN AV	MIDDLETON AV	DURBAN DR	36	1582.51	AC	334	83	SATISFACTORY	Y	
HAM09474	MCBRAYER ST	TERM S OF KNOX ST	KNOX ST	15	223.11	AC	650	83	SATISFACTORY	Y	
HAM02967	MCBREEN AV	AQUADALE LN	WESTKNOLLS LN	25	277.73	AC	650	44	POOR	Y	
HAM02805	MCBREEN AV	CAVANAUGH AV	AQUADALE LN	25	559.10	AC	650	39	VERY POOR	Y	
HAM38726	MCBREEN AV	WESTKNOLLS LN	TERM W OF WESTKNOLLS LN	24	134.62	AC	650	67	FAIR	Y	
HAM07902	MCCORMICK PL	AUBURN AV	MAPLEWOOD AV	26	1000.10	AC	483	52	POOR	Y	
HAM07900	MCCORMICK PL	MAPLEWOOD AV	HIGHLAND AV	30	298.20	AC	624	55	POOR	Y	
HAM07901	MCCORMICK PL	MAPLEWOOD AV	MAPLEWOOD AV	30	116.17	AC	348	64	FAIR	Y	
HAM37485	MCCRAY CT	TERM S OF BLUEBELL DR	BLUEBELL DR	25	227.32	AC	599	85	SATISFACTORY	Y	
HAM06052	MCCULLOUGH ST	DUMONT ST	PFAFF AL	30	404.22	AC	592	82	SATISFACTORY	Y	
HAM06042	MCCULLOUGH ST	EASTERN AV	FEEMSTER ST	25	136.71	AC	650	64	FAIR	Y	
HAM06054	MCCULLOUGH ST	HOLBROOK AV	DUMONT ST	21	293.84	AC	419	52	POOR	Y	
HAM06051	MCCULLOUGH ST	KELLOGG AV	HOLBROOK AV	22	288.36	AC	593	81	SATISFACTORY	Y	
HAM06124	MCCULLOUGH ST	PFAFF AL	EASTERN AV	15	145.80	AC	650	54	POOR	Y	
HAM09084	MCDOWELL ST	COLUMBIA PKWY	HANDMAN AV	27	619.52	AC	650	75	SATISFACTORY	Y	
HAM15526	MCFADDEN AV	HERBERT AV		4	169.73		-1	-1		N	PRIVATE DRIVEWAY
HAM15537	MCFADDEN AV	MONTANA AV	HERBERT AV	20	767.99	AC	374	94	GOOD	Y	
HAM38979	MCFADDEN AV	TERM S OF MONTANA AV	MONTANA AV	24	341.71	AC	650	70	FAIR	Y	
HAM39506	MCFARLAN PARK DR	WESTWOOD NORTHERN BLVD	TERM W OF WESTWOOD NORTHERN BLVD	23	673.05	AC	650	46	POOR	Y	
HAM15352	MCFARLAN RD	MONTANA AV	MCFARLAN WOODS DR	18	571.37	AC	321	82	SATISFACTORY	Y	
HAM15354	MCFARLAN WOODS DR	MCFARLAN RD	WESTWOOD NORTHERN BLVD	19	1429.72	AC	498	87	GOOD	Y	
HAM27632	MCFARLAND ST	EGAN AL	PLUM ST	37	243.26	AC	650	80	SATISFACTORY	Y	
HAM27631	MCFARLAND ST	ELM ST	EGAN AL	37	221.26	AC	650	93	GOOD	Y	
HAM28091	MCFARLAND ST	PLUM ST	CENTRAL AV	21	448.47	AC	650	55	POOR	Y	
HAM09842	MCGINNIS AV	HILLSIDE AV	KISTNER ST	12	134.16	AC	650	48	POOR	Y	
HAM07869	MCGREGOR AV	AUBURN AV	AUBURNCREST AV	34	455.00	AC	366	76	SATISFACTORY	Y	
HAM07879	MCGREGOR AV	AUBURNCREST AV	MAPLEWOOD AV	34	683.58	AC	519	77	SATISFACTORY	Y	
HAM24242	MCGREGOR AV	BOONE ST	MAY ST	36	272.62	AC	453	76	SATISFACTORY	Y	
HAM20101	MCGREGOR AV	BURNET AV	MCGREGOR PL	34	197.88	AC	294	75	SATISFACTORY	Y	
HAM20204	MCGREGOR AV	CRANSTON AL	KENTON ST	37	134.10	AC	650	90	GOOD	Y	
HAM24241	MCGREGOR AV	FOWLER ST	SYMMES ST	31	139.93	AC	465	88	GOOD	Y	
HAM20197	MCGREGOR AV	HIGHLAND AV	BURNET AV	34	285.29	AC	650	74	SATISFACTORY	Y	
HAM24240	MCGREGOR AV	IOWA AV	FOWLER ST	33	462.37	AC	259	81	SATISFACTORY	Y	
HAM20100	MCGREGOR AV	MAPLEWOOD AV	HIGHLAND AV	34	292.86	AC	529	38	VERY POOR	Y	
HAM24243	MCGREGOR AV	MAY ST	CRANSTON AL	37	134.05	AC	327	84	SATISFACTORY	Y	
HAM20198	MCGREGOR AV	MCGREGOR PL	READING RD	35	116.38	AC	650	77	SATISFACTORY	Y	
HAM24239	MCGREGOR AV	READING RD	IOWA AV	31	229.08	AC	650	70	FAIR	Y	
HAM50729	MCGREGOR AV	SYMMES ST	BOONE ST	36	539.24	PCC	295	96	GOOD	Y	
HAM38562	MCGREGOR PL	RYAN AV	MCGREGOR AV	24	593.72	AC	650	64	FAIR	Y	
HAM64318	MCGUFFEY AV	TERM Public Section	OVERLAND AV	16	185.78	AC	650	65	FAIR	Y	
HAM03111	MCHENRY AV	BROKAW AV	HENRIANNE CT	34	846.15	AC	166	93	GOOD	Y	
HAM02779	MCHENRY AV	CAVANAUGH AV	FYFFE AV	34	202.55	AC	473	36	VERY POOR	Y	
HAM02777	MCHENRY AV	FYFFE AV	SAFFER ST	34	196.23	AC	588	42	POOR	Y	
HAM03114	MCHENRY AV	HARRISON AV	SUNSHINE AV	34	1191.63	AC	383	39	VERY POOR	Y	
HAM03112	MCHENRY AV	HENRIANNE CT	IROLL AV	34	551.43	AC	243	93	GOOD	Y	
HAM02704	MCHENRY AV	IROLL AV	BALTIMORE AV	34	401.23	AC	347	93	GOOD	Y	
HAM03113	MCHENRY AV	SUNSHINE AV	WOOSTER PL	34	803.32	AC	362	39	VERY POOR	Y	
HAM02709	MCHENRY AV	WESTWOOD NORTHERN BLVD	BROKAW AV	62	1750.15	AC	161	93	GOOD	Y	
HAM02783	MCHENRY AV	WOOSTER PL	CAVANAUGH AV	34	687.28	AC	392	43	POOR	Y	
HAM38083	MCHUGH PL	TERM S OF MONTGOMERY RD	MONTGOMERY RD	24	978.44	AC	430	72	SATISFACTORY	Y	
HAM38986	MCKEONE AV	GLENWAY AV	TERM N OF GLENWAY AV	24	1548.35	AC	549	75	SATISFACTORY	Y	
HAM15383	MCKINLEY AV	HARRISON AV	RATTERMAN AV	29	429.52	AC	650	62	FAIR	Y	
HAM15418	MCKINLEY AV	POWELL DR	HARRISON AV	24	830.82	AC	650	55	POOR	Y	
HAM02841	MCKINLEY AV	RATTERMAN AV	WERK RD	30	1056.96	AC	557	73	SATISFACTORY	Y	
HAM38747	MCKINLEY AV	TERM E OF VIKI TRL	VIKI TRL	23	391.12	AC	650	69	FAIR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM03100	MCKINLEY AV	VIKI TRL	POWELL DR	23	621.67	AC	491	57	FAIR	Y	
HAM38830	MCLAUGHLIN PL	LINWOOD AV	TERM NE OF LINWOOD AV	19	261.36	AC	650	64	FAIR	Y	
HAM40963	MCLEAN ST	BUDD ST	W 7TH ST	36	189.74	AC	638	79	SATISFACTORY	Y	
HAM50021	MCLEAN ST	W 7TH ST	W 8TH ST	37	269.71	AC	568	63	FAIR	Y	
HAM09582	MCLEAN ST	W 8TH ST	W 9TH ST	42	243.73	AC	650	70	FAIR	Y	
HAM15482	MCLELLAND AV	DAYTONA AV	TERM N OF DAYTONA AV	25	300.31	AC	650	42	POOR	Y	
HAM00105	MCMAKIN AV	NORTH EDGEWOOD AV	WINTON RD	31	997.23	AC	368	88	GOOD	Y	
HAM19973	MCNALLY ST	HUKILL AL	HALSTEAD ST	11	123.54	AC	650	78	SATISFACTORY	Y	
HAM19979	MCNALLY ST	W MCMICKEN AV	HUKILL AL	11	141.14	AC	650	52	POOR	Y	UNCOLLECTED PORTION BLOCKED BY BARRICADE
HAM37304	MCNEIL AV	CINC|NOR CORPLINE	TERM N OF CORPLINE	20	442.80	AC	380	67	FAIR	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM12587	MCNEIL AV	WEST ST	NORWOOD CORPLINE	30	471.56	AC	650	31	VERY POOR	Y	
HAM02029	MCPHERSON AV	LACLEDE AV	LASALLE ST	30	306.76	AC	650	37	VERY POOR	Y	
HAM02033	MCPHERSON AV	LASALLE ST	GLENWAY AV	31	408.37	AC	650	33	VERY POOR	Y	
HAM02030	MCPHERSON AV	MARIA AV	LACLEDE AV	30	244.21	AC	650	34	VERY POOR	Y	
HAM39208	MCPHERSON AV	TERM S OF W 8TH ST	W 8TH ST	30	522.08	AC	650	65	FAIR	Y	
HAM02060	MCPHERSON AV	VAN VEY ST	WARSAW AV	31	561.85	AC	383	55	POOR	Y	
HAM02050	MCPHERSON AV	W 8TH ST	VAN VEY ST	33	1077.27	AC	607	48	POOR	Y	
HAM02059	MCPHERSON AV	WARSAW AV	MARIA AV	31	255.14	AC	650	46	POOR	Y	
HAM03154	MCWILLIAMS ST	BAURICHTER ST	CARBON ST	11	299.81	AC	650	37	VERY POOR	Y	
HAM06087	MEAD AV	CONGRESS AV	DONHAM AV	27	975.53	AC	417	87	GOOD	Y	
HAM38579	MEADER ST	TERM S OF HIAWATHA AV	HIAWATHA AV	18	74.07	PCC	650	66	FAIR	Y	
HAM14219	MEADOWBRIGHT LN	BAGDAD DR	TRIDALE CT	24	669.23	AC	213	89	GOOD	Y	
HAM38251	MEADOWBRIGHT LN	TERM SE OF WAYSIDE CT	WAYSIDE CT	24	629.95	AC	519	87	GOOD	Y	
HAM14436	MEADOWBRIGHT LN	TRIDALE CT	TRIDALE CT	25	1372.86	AC	324	87	GOOD	Y	
HAM14224	MEADOWBRIGHT LN	WAYSIDE CT	BAGDAD DR	24	869.82	AC	447	88	GOOD	Y	
HAM39007	MEADOWMAR LN	BEECHMAR DR	TERM N OF BEECHMAR DR	25	294.39	AC	650	34	VERY POOR	Y	
HAM14833	MEADOWMAR LN	SUNVALLEY LN	BEECHMAR DR	25	1031.76	AC	382	70	FAIR	Y	
HAM39025	MEADOWMAR LN	TERM W OF SUNVALLEY LN	SUNVALLEY LN	25	162.92	AC	650	57	FAIR	Y	
HAM00815	MEADOWVISTA CT	ROXIE LN	SPRINGBROOK DR	24	434.44	AC	396	79	SATISFACTORY	Y	
HAM35452	MEADOWVISTA CT	SPRINGBROOK DR	TERM E OF SPRINGBROOK DR	24	402.55	AC	415	74	SATISFACTORY	Y	
HAM14278	MEARS AV	ABERDEEN ST	BEECHMONT AV	36	536.11	AC	547	53	POOR	Y	
HAM14286	MEARS AV	BENNEVILLE ST	ABERDEEN ST	36	348.80	AC	398	55	POOR	Y	
HAM14293	MEARS AV	CAMBRIDGE AV	BENNEVILLE ST	37	1107.82	AC	443	48	POOR	Y	
HAM14302	MEARS AV	DAWES LN	CAMBRIDGE AV	36	1065.26	AC	296	48	POOR	Y	
HAM14318	MEARS AV	GLADE AV	DAWES LN	37	446.43	AC	390	46	POOR	Y	
HAM20530	MEARS AV	MARIWOOD LN	GLADE AV	23	351.11	AC	356	69	FAIR	Y	
HAM20535	MEARS AV	THORNBIRD DR	MARIWOOD LN	25	465.39	AC	533	61	FAIR	Y	
HAM07306	MEDILL AL	BALTZER AL	LANGLAND ST	6	140.86		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM07309	MEDILL AL	FERGUS ST	GREY AL	7	143.87		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM07308	MEDILL AL	GREY AL	BALTZER AL	7	235.66		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM07302	MEDILL AL	HONER AL	INGOL AL	7	40.08		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM07300	MEDILL AL	INGOL AL	HAMILTON AV	7	159.78		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM07304	MEDILL AL	LANGLAND ST	HONER AL	9	141.05		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM64871	MEDPACE WY	MADISON RD	RED BANK EXWY	52	937.17	AC	570	95	GOOD	Y	
HAM55427	MEDPACE WY	RED BANK RD	MADISON RD	31	1190.25	AC	484	95	GOOD	Y	
HAM25593	MEEKER ST	HOPPLE ST	AVON PL	23	259.16	AC	476	91	GOOD	Y	ONE WAY
HAM25562	MEEKER ST	SPRING GROVE AV	HOPPLE ST	41	344.28	AC	650	88	GOOD	Y	
HAM33752	MEHMERT AV	CRESAP AV	REEMELIN AV	14	264.65	AC	650	31	VERY POOR	Y	
HAM02187	MEHMERT AV	KIRBY AV	CRESAP AV	15	298.30	AC	650	36	VERY POOR	Y	
HAM34264	MEIER AV	GRIEST AV	OBSERVATORY AV	25	805.10	AC	650	70	FAIR	Y	
HAM10940	MEIS AV	HARBESON AV	CINC|NCOLHL CORPLINE	24	639.93	AC	484	41	POOR	Y	
HAM09472	MEIS AV	SAVANNAH AV	HARBESON AV	24	712.92	AC	564	40	VERY POOR	Y	
HAM58932	MELBOURNE ST	DELLWAY ST	HELEN M GLASSMEYER LN	30	276.10	AC	310	75	SATISFACTORY	Y	
HAM26242	MELBOURNE ST	FREDONIA AV	DELLWAY ST	29	263.53	AC	650	78	SATISFACTORY	Y	
HAM58933	MELBOURNE ST	HELEN M GLASSMEYER LN	TERM E OF HELEN M GLASSMEYER LN	30	159.83	AC	650	58	FAIR	Y	
HAM20181	MELINDY ST	CLAY ST	MAIN ST	16	233.50	AC	650	75	SATISFACTORY	Y	
HAM58231	MELISH PL	TERM SW OF TERM NE OF	TERM NE OF	30	546.68	AC	545	41	POOR	Y	
HAM58311	MELISH PL	TERM W OF	FREDONIA AV	30	170.66	AC	646	74	SATISFACTORY	Y	
HAM22551	MELLWOOD AV	DARROW AV	STATION AV	23	242.50	AC	650	93	GOOD	Y	
HAM18339	MELLWOOD AV	MELLWOOD AV	DERBY AV	27	1031.87	AC	244	95	GOOD	Y	
HAM22550	MELLWOOD AV	MELLWOOD AV	DARROW AV	25	251.16	AC	255	95	GOOD	Y	
HAM05992	MELROSE AV	GILBERT AV	WILLIAM H TAFT RD	36	567.20	AC	650	77	SATISFACTORY	Y	
HAM24159	MELROSE AV	LINCOLN AV	BEECHER ST	36	459.50	AC	427	50	POOR	Y	
HAM24158	MELROSE AV	OAK ST	LINCOLN AV	37	876.02	AC	650	82	SATISFACTORY	Y	
HAM21579	MELROSE AV	WILLIAM H TAFT RD	OAK ST	37	865.11	AC	430	74	SATISFACTORY	Y	
HAM35963	MELVILLE LN	ELMHURST PL	TERM S OF ELMHURST PL	24	404.97	AC	650	70	FAIR	Y	
HAM39023	MENDOVA LN	BONNIE DR	TERM NE OF BONNIE DR	25	829.72	AC	412	63	FAIR	Y	
HAM06457	MENLO AV	HANDASYDE CT	RITCHIE AV	30	285.37	AC	401	85	SATISFACTORY	Y	
HAM06458	MENLO AV	RITCHIE AV	SALEM ST	30	304.89	AC	378	94	GOOD	Y	
HAM06456	MENLO AV	SALEM ST	OBSERVATORY AV	31	351.76	AC	650	81	SATISFACTORY	Y	
HAM39593	MENTOR AV	CHURCHILL AV	TERM N OF CHURCHILL AV	20	376.83	AC	650	72	SATISFACTORY	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM21548	MENTOR AV	E MARTIN LUTHER KING JR DR	CHURCHILL AV	27	239.03	AC	650	79	SATISFACTORY	Y	
HAM08995	MERCER ST	BOOTS AL	RODNEY AL	20	178.10	AC	361	86	GOOD	Y	ONE WAY
HAM08949	MERCER ST	RODNEY AL	WALNUT ST	19	142.07	AC	650	69	FAIR	Y	ONE WAY
HAM08990	MERCER ST	VINE ST	BOOTS AL	22	141.76	AC	609	65	FAIR	Y	ONE WAY
HAM59994	MERCY HEALTH PL	READING RD	TERM SE OF READING RD	32	776.20	AC	632	95	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM09864	MERIDIAN ST	GRACELY DR	PRESCOTT ST	25	611.14	AC	650	83	SATISFACTORY	Y	
HAM09861	MERIDIAN ST	PRESCOTT ST	HILLSIDE AV	25	588.90	AC	253	81	SATISFACTORY	Y	
HAM05535	MERIVALE ST	RIVERSIDE DR	TERM N OF RIVERSIDE DR	12	136.78		-1	-1		N	DOES NOT EXIST
HAM06689	MERIWEATHER AV	CRYER AV	PINERIDGE AV	23	869.36	AC	258	45	POOR	Y	
HAM38842	MERIWEATHER AV	TERM SE OF CRYER AV	CRYER AV	24	254.91	AC	650	37	VERY POOR	Y	
HAM21559	MERRIMAC ST	DURRELL AV	HARVARD AV	23	348.92	AC	650	69	FAIR	Y	ONE WAY
HAM21558	MERRIMAC ST	HARVARD AV	WOODBURN AV	24	314.05	AC	361	63	FAIR	Y	ONE WAY
HAM01891	MERTON ST	QUEEN CITY AV	TERM N OF QUEEN CITY AV	9	282.08	PCC	650	33	VERY POOR	Y	UNCOLLECTED PORTION BLOCKED BY FOILAGE
HAM06650	MERWIN AV	BLANEY AV	PLAINVILLE RD	25	701.52	AC	405	77	SATISFACTORY	Y	
HAM06675	MERWIN AV	KENMORE AV	BERWICK AV	27	713.91	AC	315	50	POOR	Y	
HAM06626	MERWIN AV	MARIETTA ST	BLANEY AV	24	549.80	AC	553	83	SATISFACTORY	Y	
HAM06666	MERWIN AV	PLAINVILLE RD	KENMORE AV	27	767.79	AC	492	65	FAIR	Y	
HAM36718	MERWIN AV	TERM W OF MARIETTA ST	MARIETTA ST	24	397.52	AC	650	83	SATISFACTORY	Y	
HAM37487	MERYTON PL	TERM SW OF GLENVIEW AV	GLENVIEW AV	26	1751.93	AC	322	52	POOR	Y	
HAM38500	MERZEN CT	VINE ST	TERM NE OF VINE ST	34	513.14	AC	625	79	SATISFACTORY	Y	
HAM25694	META DR	PARA DR	TERM E OF PARA DR	35	598.38	AC	396	59	FAIR	Y	
HAM02830	MEYER PL	FELICITY PL	MONTANA AV	20	828.81	AC	491	50	POOR	Y	
HAM37810	MEYERHILL DR	TERM E OF FERNCROFT DR	FERNCROFT DR	23	781.94	AC	650	94	GOOD	Y	
HAM36117	MIAMI AV	MIAMI AV	TERM NE OF MIAMI AV SPLIT	18	134.00	AC	650	46	POOR	Y	
HAM36118	MIAMI AV	MIAMI AV	TERM SW OF MIAMI AV SPLIT	16	206.06	AC	650	39	VERY POOR	Y	
HAM14444	MIAMI AV	WOOSTER RD	MIAMI AV	11	496.96	AC	650	26	VERY POOR	Y	
HAM08594	MICHAEL BANY WY	E 12TH ST	SYCAMORE ST	13	462.20		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM06470	MICHIGAN AV	ERIE AV	GREGSON PL	29	220.49	AC	561	95	GOOD	Y	
HAM06445	MICHIGAN AV	FAR HILLS DR	HAMPSHIRE AV	30	996.76	AC	649	38	VERY POOR	Y	
HAM17400	MICHIGAN AV	GREGSON PL	GRIFFITHS AV	31	825.40	AC	650	94	GOOD	Y	
HAM19656	MICHIGAN AV	GRIFFITHS AV	WASSON RD	29	876.67	AC	342	91	GOOD	Y	
HAM06468	MICHIGAN AV	HAMPSHIRE AV	OBSERVATORY AV	30	856.98	AC	496	33	VERY POOR	Y	
HAM06466	MICHIGAN AV	OBSERVATORY AV	ERIE AV	30	745.96	AC	389	92	GOOD	Y	
HAM19658	MICHIGAN AV	WASSON RD	MADISON RD	25	535.33	AC	650	94	GOOD	Y	
HAM01992	MICKEY AV	GRAND AV	PATRICK DR	24	210.86	AC	650	39	VERY POOR	Y	
HAM38707	MICKEY AV	PATRICK DR	TERM W OF PATRICK DR	24	208.49	AC	650	48	POOR	Y	
HAM35488	MIDDEN CIR	TERM E OF GLENMORE AV	GLENMORE AV	26	453.56	AC	650	56	FAIR	Y	
HAM19762	MIDDLEBROOK AV	DOWNING DR	MARLINGTON AV	25	556.61	AC	650	71	SATISFACTORY	Y	
HAM05475	MIDDLETON AV	BRYANT AV	THRALL ST	30	320.80	AC	154	86	GOOD	Y	
HAM05474	MIDDLETON AV	EVANSWOOD PL	RESOR AV	35	197.54	AC	174	79	SATISFACTORY	Y	
HAM05493	MIDDLETON AV	LUDLOW AV	SHILOH ST	29	302.47	AC	363	93	GOOD	Y	
HAM40867	MIDDLETON AV	MCALPIN AV	RAWSON FARM LN	38	113.95	AC	650	81	SATISFACTORY	Y	
HAM40868	MIDDLETON AV	RAWSON FARM LN	RAWSON WOODS LN	39	392.11	AC	235	87	GOOD	Y	
HAM10350	MIDDLETON AV	RAWSON WOODS LN	WARREN AV	50	599.45	AC	221	52	POOR	Y	
HAM05471	MIDDLETON AV	RESOR AV	WOOD AV	40	520.36	AC	158	85	SATISFACTORY	Y	
HAM05478	MIDDLETON AV	SHILOH ST	BRYANT AV	27	292.10	AC	222	86	GOOD	Y	
HAM05479	MIDDLETON AV	THRALL ST	EVANSWOOD PL	31	253.79	AC	194	81	SATISFACTORY	Y	
HAM10353	MIDDLETON AV	WARREN AV	LAFAYETTE AV	50	1201.59	AC	359	51	POOR	Y	
HAM05469	MIDDLETON AV	WOOD AV	MCALPIN AV	38	372.78	AC	650	72	SATISFACTORY	Y	
HAM38524	MIDDLETON CT	MIDDLETON AV	TERM N OF LAFAYETTE AV	29	645.28	AC	650	57	FAIR	Y	
HAM02419	MIDLAND AV	LUSITANIA AV	RAPID RUN RD	24	500.33	AC	650	59	FAIR	Y	
HAM01946	MIDLAND AV	SCHIFF AV	LUSITANIA AV	24	328.65	AC	525	83	SATISFACTORY	Y	
HAM03521	MIDWAY AV	MOUNTVILLE DR	GLENWAY AV	36	982.68	AC	479	39	VERY POOR	Y	
HAM02832	MIDWAY AV	QUEEN CITY AV	MOUNTVILLE DR	35	638.20	AC	458	31	VERY POOR	Y	
HAM15401	MIGNON AV	FISCHER PL	KLING AV	31	927.01	AC	461	64	FAIR	Y	
HAM37285	MILAN AV	MAPLELEAF AV	TERM N OF MAPLELEAF AV	25	105.22	AC	650	68	FAIR	Y	
HAM37286	MILAN AV	TERM S OF MAPLELEAF AV	MAPLELEAF AV	25	336.25	AC	487	73	SATISFACTORY	Y	
HAM37684	MILL ST	TERM NE OF GLENWAY AV	GLENWAY AV	17	261.29	AC	650	18	SERIOUS	Y	
HAM21885	MILLCREEK RD	BEEKMAN ST	LLEWELLYN ST	20	364.10	AC	650	46	POOR	Y	
HAM33737	MILLCREEK RD	GERINGER ST	RALSTON AV	26	176.64	AC	610	70	FAIR	Y	
HAM28173	MILLCREEK RD	HAROLD AL	SPRING GROVE AV	21	212.74	AC	494	39	VERY POOR	Y	
HAM21878	MILLCREEK RD	LLEWELLYN ST	GERINGER ST	28	2756.80	AC	286	65	FAIR	Y	
HAM27253	MILLCREEK RD	RALSTON AV	HAROLD AL	21	375.82	AC	324	31	VERY POOR	Y	
HAM37820	MILLENNIUM PL	TERM E OF FERNCROFT DR	FERNCROFT DR	24	601.93	AC	486	66	FAIR	Y	
HAM38610	MILLER ST	ELMORE ST	TERM N OF ELMORE ST	21	192.83	AC	650	75	SATISFACTORY	Y	
HAM00005	MILLRICH AV	BELLTONE AV	MONTANA AV	25	352.17	AC	466	38	VERY POOR	Y	
HAM00007	MILLRICH AV	WESTWOOD NORTHERN BLVD	BELLTONE AV	25	636.50	AC	581	31	VERY POOR	Y	
HAM19730	MILLSBRAE AV	ARBOR AV	ATLANTIC AV	36	711.24	AC	641	30	VERY POOR	Y	
HAM19726	MILLSBRAE AV	ATLANTIC AV	HYDE PARK AV	36	347.60	AC	650	27	VERY POOR	Y	
HAM19725	MILLSBRAE AV	HYDE PARK AV	MARKBREIT AV	28	594.57	AC	551	70	FAIR	Y	
HAM19699	MILLSBRAE AV	MADISON RD	ARBOR AV	37	306.03	AC	650	41	POOR	Y	
HAM19641	MILLSBRAE AV	MARKBREIT AV	MINOT AV	26	316.95	AC	650	88	GOOD	Y	
HAM24137	MILLSBRAE AV	MINOT AV	ROBERTSON AV	31	1161.30	AC	398	80	SATISFACTORY	Y	
HAM63594	MILLSDALE ST	BURNS AV	CINC|WYOMNG|LOCKLD CORPLINE	30	835.77	AC	464	95	GOOD	Y	
HAM63593	MILLSDALE ST	E MILLS AV	WOODBINE AV	30	106.82	AC	650	65	FAIR	Y	
HAM32722	MILLSDALE ST	KRUG AV	S WAYNE AV	31	364.38	AC	650	60	FAIR	Y	
HAM32721	MILLSDALE ST	WISWELL ST	KRUG AV	31	365.94	AC	293	36	VERY POOR	Y	
HAM20565	MILLSDALE ST	WOODBINE AV	WISWELL ST	31	302.40	AC	437	70	FAIR	Y	
HAM21886	MILLVALE CT	BEEKMAN ST	MILLVALE CT	38	886.22	AC	547	91	GOOD	Y	
HAM66137	MILLVALE CT	MILLVALE CT	MILLVALE CT	27	2294.00	AC	184	94	GOOD	Y	
HAM39604	MILTON CT	RIDGEWAY AV	TERM N OF FREDONIA AV	30	147.97	AC	650	38	VERY POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM20124	MILTON ST	BROADWAY	CUMBER ST	29	331.82	AC	343	41	POOR	Y	
HAM27810	MILTON ST	CUMBER ST	YOUNG ST	31	301.81	AC	319	47	POOR	Y	
HAM27863	MILTON ST	HIRAM ST	HIGHLAND AV	29	254.92	AC	650	61	FAIR	Y	
HAM20122	MILTON ST	MANSFIELD ST	BROADWAY	24	257.03	AC	352	55	POOR	Y	
HAM20120	MILTON ST	SYCAMORE ST	VON SEGGERN AL	22	136.00	AC	650	50	POOR	Y	
HAM20121	MILTON ST	VON SEGGERN AL	MANSFIELD ST	23	133.87	AC	283	49	POOR	Y	
HAM27852	MILTON ST	YOUNG ST	HIRAM ST	30	484.88	AC	292	62	FAIR	Y	
HAM36126	MINARET CT	BAGDAD DR	TERM NW OF BAGDAD DR	28	390.29	AC	650	45	POOR	Y	
HAM32381	MINION AV	DAVORAN ST	LATHAM AV	20	620.06	AC	545	85	SATISFACTORY	Y	ONE WAY
HAM12944	MINION AV	LATHAM AV	TERM N OF LATHAM AV	18	448.87	AC	650	49	POOR	Y	UNCOLLECTED PORTION BLOCKED BY BARRICADE
HAM11706	MINION AV	W LIBERTY ST	DAVORAN ST	19	677.55	AC	650	85	SATISFACTORY	Y	ONE WAY
HAM27956	MINNESOTA ST	READING RD	ESSEX PL	20	567.09	AC	650	39	VERY POOR	Y	ONE WAY
HAM19638	MINOT AV	28TH ST	MILLSBRAE AV	30	331.37	AC	536	30	VERY POOR	Y	
HAM19643	MINOT AV	31ST AV	32ND AV	30	331.54	AC	650	41	POOR	Y	
HAM19613	MINOT AV	32ND AV	33RD AV	30	329.69	AC	650	41	POOR	Y	
HAM21337	MINOT AV	33RD AV	ALLSTON ST	30	301.57	AC	547	40	VERY POOR	Y	
HAM21327	MINOT AV	34TH AV	VERNE AV	36	389.34	AC	258	50	POOR	Y	
HAM21339	MINOT AV	BROWNWAY AV	APPLETON ST	30	489.79	AC	650	87	GOOD	Y	
HAM19645	MINOT AV	EDWARDS RD	28TH ST	30	539.40	AC	650	36	VERY POOR	Y	
HAM19639	MINOT AV	EILEEN DR	31ST AV	29	330.55	AC	650	39	VERY POOR	Y	
HAM19637	MINOT AV	MILLSBRAE AV	EILEEN DR	30	328.00	AC	650	32	VERY POOR	Y	
HAM21332	MINOT AV	VERNE AV	BROWNWAY AV	36	536.65	AC	244	76	SATISFACTORY	Y	
HAM32105	MINTO AV	HYDE PARK AV	MONTEITH AV	33	316.66	AC	514	93	GOOD	Y	
HAM17452	MINTO AV	MONTEITH AV	COLUMBUS AV	32	294.58	AC	456	95	GOOD	Y	
HAM39129	MIRAMAR CT	GREENLAND PL	TERM E OF GREENLAND PL	26	725.43	AC	347	46	POOR	Y	
HAM39130	MIRAMAR CT	TERM W OF GREENLAND PL	GREENLAND PL	24	268.50	AC	650	58	FAIR	Y	
HAM37134	MISSION LN	TERM SW OF CHAPELRIDGE DR	CHAPELRIDGE DR	22	303.31	AC	650	94	GOOD	Y	
HAM11432	MISSOURI AV	NEWELL PL	HOGE ST	13	603.71	AC	544	50	POOR	Y	ONE WAY
HAM08248	MISTLETOE AV	BOWMAN AV	STATE AV	23	182.87	AC	650	40	VERY POOR	Y	
HAM08119	MOELLERING AV	TERM SW OF WESTWOOD AV	WESTWOOD AV	22	658.36	PCC	650	49	POOR	Y	
HAM19921	MOERLEIN AV	ATKINSON ST	DETZEL PL	30	79.28	AC	385	65	FAIR	Y	
HAM19928	MOERLEIN AV	BOSLEY ST	ATKINSON ST	30	220.76	AC	586	95	GOOD	Y	
HAM19918	MOERLEIN AV	DETZEL PL	RENSHAW ST	30	117.74	AC	227	55	POOR	Y	
HAM19927	MOERLEIN AV	LYON ST	W MCMILLAN ST	30	302.57	AC	650	83	SATISFACTORY	Y	
HAM53844	MOERLEIN AV	RENSHAW ST	LYON ST	30	194.54	AC	170	51	POOR	Y	
HAM33128	MOERLEIN AV	WARNER ST	BOSLEY ST	31	223.98	AC	650	91	GOOD	Y	
HAM38735	MOFFAT CT	ORLAND AV	TERM NW OF ORLAND AV	14	329.64	AC	650	36	VERY POOR	Y	
HAM10393	MOHAWK PL	CENTRAL PKWY	W MCMICKEN AV	41	236.46	AC	650	92	GOOD	Y	
HAM19992	MOHAWK ST	BYRON ST	RAVINE ST	17	227.19	AC	650	95	GOOD	Y	
HAM08336	MOHAWK ST	HAMBURG ST	NAGEL AL	26	257.45	AC	650	91	GOOD	Y	
HAM20036	MOHAWK ST	MANCHESTER AV	BYRON ST	17	384.91	AC	276	93	GOOD	Y	
HAM08335	MOHAWK ST	NAGEL AL	MANCHESTER AV	25	208.51	AC	319	88	GOOD	Y	
HAM38461	MOHAWK ST	TERM SE OF HAMBURG ST	HAMBURG ST	22	455.49	AC	615	94	GOOD	Y	
HAM07241	MOLINE CT	LANGLAND ST	PALM AV	13	282.20	BR	650	-1		Y	ONE WAY
HAM27827	MONASTERY ST	CELESTIAL ST	ST PAUL PL	24	360.70	AC	650	52	POOR	Y	
HAM27809	MONASTERY ST	E 3RD ST	E 3RD ST	29	321.95	PCC	650	74	SATISFACTORY	Y	
HAM53569	MONASTERY ST	E 3RD ST	KILGOUR ST	30	624.63	PCC	392	77	SATISFACTORY	Y	
HAM27716	MONASTERY ST	KILGOUR ST	VAN METER ST	30	310.61	AC	650	63	FAIR	Y	
HAM26088	MONASTERY ST	OREGON ST	CELESTIAL ST	24	909.91	AC	526	45	POOR	Y	
HAM26090	MONASTERY ST	ST PAUL PL	ST GREGORY ST	18	208.84	AC	650	36	VERY POOR	Y	
HAM27767	MONASTERY ST	VAN METER ST	OREGON ST	24	474.47	AC	650	69	FAIR	Y	
HAM15039	MONFORT HILLS AV	AIRY CT	RACK CT	25	298.58	AC	266	93	GOOD	Y	
HAM15040	MONFORT HILLS AV	FLANIGAN CT	CINC|COLETP CORPLINE	26	160.03	AC	428	85	SATISFACTORY	Y	
HAM14939	MONFORT HILLS AV	KIPLING AV	AIRY CT	25	420.01	AC	544	91	GOOD	Y	
HAM15037	MONFORT HILLS AV	RACK CT	FLANIGAN CT	26	296.69	AC	586	93	GOOD	Y	
HAM21506	MONFORT ST	CHAPEL ST	LINCOLN AV	31	370.47	AC	585	95	GOOD	Y	
HAM21544	MONFORT ST	LINCOLN AV	FORAKER AV	29	277.79	AC	650	95	GOOD	Y	
HAM00229	MONIHOE AL	IVANHOE AV	TWAIN AV	9	404.50	AC	650	66	FAIR	Y	ONE WAY
HAM00226	MONIHOE AL	TWAIN AV	MONITOR AV	12	381.05	AC	650	78	SATISFACTORY	Y	ONE WAY
HAM00205	MONITOR AV	GRACELY DR	PARKLAND AV	36	316.82	AC	605	36	VERY POOR	Y	
HAM11152	MONITOR AV	HOME CITY AV	HILLSIDE AV	28	991.19	AC	344	44	POOR	Y	
HAM00208	MONITOR AV	MONIHOE AL	GRACELY DR	35	157.29	AC	650	40	VERY POOR	Y	
HAM00201	MONITOR AV	PARKLAND AV	HOME CITY AV	36	762.82	AC	244	51	POOR	Y	
HAM00161	MONITOR AV	RIVER RD	MONIHOE AL	34	166.57	AC	650	49	POOR	Y	
HAM56066	MONMOUTH AV	CENTRAL PKWY	WORKHOUSE DR	39	945.69	AC	490	93	GOOD	Y	
HAM27261	MONMOUTH AV	COLERAIN AV	SPRING GROVE AV	33	862.36	AC	404	45	POOR	Y	
HAM56065	MONMOUTH AV	WORKHOUSE DR	COLERAIN AV	29	290.12	AC	650	68	FAIR	Y	
HAM53628	MONNING PL	TERM W OF WHETSEL AV	WHETSEL AV	26	327.29	AC	650	36	VERY POOR	Y	
HAM38190	MONON AV	PARKWAY AV	TERM NE OF PARKWAY AV	17	861.52	AC	404	70	FAIR	Y	
HAM13012	MONON AV	WILDWOOD ST	PARKWAY AV	18	864.82	AC	421	43	POOR	Y	
HAM40510	MONOQUE AL	OAKDALE AV	OBERLIN AV	10	529.40	AC	650	61	FAIR	Y	
HAM12454	MONOQUE AL	OBERLIN AV	MATLOCK AV	30	519.13	AC	650	82	SATISFACTORY	Y	UNCOLLECTED PORTION TOO NARROW FOR VAN ACCESS
HAM40523	MONOQUE AL	PADDOCK RD	OAKDALE AV	9	571.53	AC	650	41	POOR	Y	
HAM26137	MONROE ST	BOONE ST	MAY ST	29	272.53	AC	650	31	VERY POOR	Y	
HAM20105	MONROE ST	CRANSTON AL	KENTON ST	23	129.35	AC	650	61	FAIR	Y	
HAM24250	MONROE ST	FOWLER ST	SYMMES ST	20	135.80	AC	650	78	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM26091	MONROE ST	MAY ST	CRANSTON AL	16	131.90	AC	650	35	VERY POOR	Y	
HAM26135	MONROE ST	TERHUNE AL	BOONE ST	34	144.74	AC	650	29	VERY POOR	Y	
HAM00008	MONTANA AV	ANACONDA DR	VIENNA WOODS DR	35	528.49	AC	157	80	SATISFACTORY	Y	
HAM29964	MONTANA AV	BALTIMORE AV	FARRELL DR	46	2230.87	AC	164	67	FAIR	Y	
HAM15451	MONTANA AV	BOUDINOT AV	CRAIG AV	37	477.59	AC	346	36	VERY POOR	Y	
HAM15531	MONTANA AV	CHEVIOT AV	MCFADDEN AV	36	255.23	AC	207	42	POOR	Y	
HAM15450	MONTANA AV	CLARENCE AV	BOUDINOT AV	36	162.05	AC	306	57	FAIR	Y	
HAM15532	MONTANA AV	CRAIG AV	CHEVIOT AV	36	457.46	AC	269	33	VERY POOR	Y	
HAM15539	MONTANA AV	DARTMOUTH DR	GLENMORE AV	36	1076.46	AC	305	40	VERY POOR	Y	
HAM15437	MONTANA AV	EPWORTH AV	STATHEM AV	36	647.34	AC	284	42	POOR	Y	
HAM26981	MONTANA AV	FARRELL DR	MUSTANG DR	36	777.98	AC	207	53	POOR	Y	
HAM03018	MONTANA AV	FELICITY DR	MEYER PL	37	352.41	AC	234	41	POOR	Y	
HAM00003	MONTANA AV	FERNCROFT DR	MILLRICH AV	37	155.14	AC	245	49	POOR	Y	
HAM15361	MONTANA AV	HARRISON AV	EPWORTH AV	41	472.34	AC	310	30	VERY POOR	Y	
HAM02962	MONTANA AV	HAUS LN	QUANTE AV	39	468.39	AC	156	53	POOR	Y	
HAM15359	MONTANA AV	HAZELWOOD AV	LA RUE CT	34	213.13	AC	297	35	VERY POOR	Y	
HAM15360	MONTANA AV	LA RUE CT	HARRISON AV	34	194.00	AC	304	51	POOR	Y	
HAM15530	MONTANA AV	MCFADDEN AV	DARTMOUTH DR	37	386.24	AC	239	50	POOR	Y	
HAM15358	MONTANA AV	MCFARLAN RD	HAZELWOOD AV	35	792.22	AC	285	54	POOR	Y	
HAM02829	MONTANA AV	MEYER PL	WUNDER AV	37	392.48	AC	237	47	POOR	Y	
HAM00004	MONTANA AV	MILLRICH AV	WESTWOOD NORTHERN BLVD	37	743.39	AC	296	39	VERY POOR	Y	
HAM29976	MONTANA AV	MONTANA AV TO I-74 EB EXWY RAMP	BALTIMORE AV	61	366.75	AC	286	60	FAIR	Y	
HAM02786	MONTANA AV	MUSTANG DR	HAUS LN	36	858.42	AC	204	76	SATISFACTORY	Y	
HAM30568	MONTANA AV	PUTZ PL	MONTANA AV TO I-74 EB EXWY RAMP	56	411.10	AC	404	70	FAIR	Y	
HAM02963	MONTANA AV	QUANTE AV	ANACONDA DR	39	903.52	AC	174	69	FAIR	Y	
HAM15431	MONTANA AV	STATHEM AV	CLARENCE AV	36	202.22	AC	211	38	VERY POOR	Y	
HAM55672	MONTANA AV	VIENNA WOODS DR	FERNCROFT DR	36	358.57	AC	133	82	SATISFACTORY	Y	
HAM29967	MONTANA AV	WEST FORK RD	PUTZ PL	52	369.50	AC	280	72	SATISFACTORY	Y	
HAM03014	MONTANA AV	WESTWOOD NORTHERN BLVD	FELICITY DR	38	463.63	AC	386	53	POOR	Y	
HAM15397	MONTANA AV	WUNDER AV	MCFARLAN RD	34	485.95	AC	254	50	POOR	Y	
HAM15452	MONTCLAIR AV	EPWORTH AV	HARRISON AV	26	490.40	AC	650	51	POOR	Y	
HAM15378	MONTCLAIR AV	HAZELWOOD AV	EPWORTH AV	27	847.83	AC	650	73	SATISFACTORY	Y	
HAM06693	MONTEITH AV	ASHMONT AV	ERIE AV	30	288.08	AC	650	40	VERY POOR	Y	
HAM10251	MONTEITH AV	ERIE AV	ZIEGLE AV	29	475.67	AC	650	32	VERY POOR	Y	
HAM09494	MONTEITH AV	LINWOOD AV	OBSERVATORY AV	29	795.67	AC	595	63	FAIR	Y	
HAM17450	MONTEITH AV	MINTO AV	WASSON RD	24	519.90	AC	650	59	FAIR	Y	
HAM06704	MONTEITH AV	OBSERVATORY AV	ASHMONT AV	30	393.43	AC	505	48	POOR	Y	
HAM17456	MONTEITH AV	VICTORIA AV	MINTO AV	24	274.79	AC	650	56	FAIR	Y	
HAM17459	MONTEITH AV	ZIEGLE AV	VICTORIA AV	29	670.36	AC	650	43	POOR	Y	
HAM37895	MONTEREY CT	ASHTREE DR	TERM NW OF ASHTREE DR	25	936.09	AC	486	55	POOR	Y	
HAM00833	MONTEVISTA DR	ARCHLAND DR	TIMBER TRL	24	285.77	AC	442	45	POOR	Y	
HAM00813	MONTEVISTA DR	SPRINGBROOK DR	ARCHLAND DR	24	784.68	AC	427	43	POOR	Y	
HAM35456	MONTEVISTA DR	TIMBER TRL	TERM N OF TIMBER TRL	23	359.63	AC	549	67	FAIR	Y	
HAM19235	MONTGOMERY RD	BANTRY AV	TYNE AV	51	309.60	AC	324	95	GOOD	Y	
HAM19232	MONTGOMERY RD	BEECHVIEW CIR	ROGERS PARK PL	50	348.07	AC	103	95	GOOD	Y	
HAM26416	MONTGOMERY RD	BLAIR AV	DAUNER AV	42	511.01	AC	172	74	SATISFACTORY	Y	
HAM19265	MONTGOMERY RD	BOSWORTH PL	GROVER HILL AV	50	440.00	AC	177	95	GOOD	Y	
HAM26396	MONTGOMERY RD	BREWSTER AV	CLARION AV	50	414.57	AC	237	52	POOR	Y	
HAM64773	MONTGOMERY RD	CINC|NOR CORPLINE	LEXINGTON AV	51	230.80	AC	401	68	FAIR	Y	
HAM26395	MONTGOMERY RD	CLARION AV	RUTLAND AV	51	397.26	AC	257	44	POOR	Y	
HAM19289	MONTGOMERY RD	COLONIAL RIDGE CT	TULANE RD	50	332.78	AC	161	95	GOOD	Y	
HAM19269	MONTGOMERY RD	CYPRESS WY	BOSWORTH PL	51	268.50	AC	464	95	GOOD	Y	
HAM64772	MONTGOMERY RD	DANA AV	CINC|NOR CORPLINE	50	342.60	AC	650	39	VERY POOR	Y	
HAM26417	MONTGOMERY RD	DAUNER AV	DUCK CREEK RD	46	427.36	AC	239	65	FAIR	Y	
HAM19280	MONTGOMERY RD	DOUGLAS TER	LESTER RD	50	1001.86	AC	192	94	GOOD	Y	
HAM26418	MONTGOMERY RD	DUCK CREEK RD	JONATHAN AV	50	262.87	PCC	333	87	GOOD	Y	
HAM62271	MONTGOMERY RD	DUCK CREEK RD	BREWSTER AV	27	714.98	AC	650	88	GOOD	Y	
HAM19279	MONTGOMERY RD	FAIRWAY DR	DOUGLAS TER	51	292.36	AC	154	95	GOOD	Y	
HAM19363	MONTGOMERY RD	GRAND VISTA AV	ORCHARD LN	50	974.20	AC	98	95	GOOD	Y	
HAM19261	MONTGOMERY RD	GROVER HILL AV	LYSLE LN	50	232.71	AC	155	95	GOOD	Y	
HAM26399	MONTGOMERY RD	HOLLOWAY AV	BLAIR AV	42	333.76	AC	297	46	POOR	Y	
HAM26390	MONTGOMERY RD	JONATHAN AV	MONTGOMERY RD TO I-71 SB RAMP	67	562.29	AC	194	82	SATISFACTORY	Y	
HAM18977	MONTGOMERY RD	KENNEDY AV	KENNEDY AV	49	227.53	AC	159	95	GOOD	Y	
HAM18978	MONTGOMERY RD	KENNEDY AV	MCHUGH PL	54	472.99	AC	139	95	GOOD	Y	
HAM19366	MONTGOMERY RD	KINCAID RD	WOODMONT AV	50	255.87	AC	145	95	GOOD	Y	
HAM19264	MONTGOMERY RD	KNIGHT AV	LAWNDALE AV	50	131.82	AC	175	95	GOOD	Y	
HAM19278	MONTGOMERY RD	LAWNDALE AV	OAKLEAF AV	49	337.42	AC	145	95	GOOD	Y	
HAM19277	MONTGOMERY RD	LESTER RD	LOSANTIVILLE AV	50	779.37	AC	300	95	GOOD	Y	
HAM19276	MONTGOMERY RD	LOSANTIVILLE AV	RIDGE AV	49	502.24	AC	172	94	GOOD	Y	
HAM19263	MONTGOMERY RD	LYSLE LN	KNIGHT AV	51	427.14	AC	148	92	GOOD	Y	
HAM18980	MONTGOMERY RD	MCHUGH PL	RAVENAL CT	51	134.83	AC	463	95	GOOD	Y	
HAM19288	MONTGOMERY RD	OAKLEAF AV	COLONIAL RIDGE CT	50	364.49	AC	174	95	GOOD	Y	
HAM19233	MONTGOMERY RD	ORCHARD LN	BEECHVIEW CIR	50	607.02	AC	101	95	GOOD	Y	
HAM18979	MONTGOMERY RD	RAVENAL CT	COLERIDGE AV	50	221.83	AC	248	95	GOOD	Y	
HAM33948	MONTGOMERY RD	RIDGE AV	WEBBLAND PL	52	335.31	AC	135	95	GOOD	Y	
HAM19236	MONTGOMERY RD	ROGERS PARK PL	BANTRY AV	50	181.12	AC	111	95	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM26394	MONTGOMERY RD	RUTLAND AV	DANA AV	51	316.00	AC	356	53	POOR	Y	
HAM19287	MONTGOMERY RD	TULANE RD	FAIRWAY DR	51	300.76	AC	167	95	GOOD	Y	
HAM19234	MONTGOMERY RD	TYNE AV	KENNEDY AV	51	439.46	AC	142	95	GOOD	Y	
HAM19364	MONTGOMERY RD	WEBBLAND PL	KINCAID RD	50	318.14	AC	127	95	GOOD	Y	
HAM26340	MONTGOMERY RD	WOODBURN AV	RUTH AV	40	579.09	AC	393	61	FAIR	Y	
HAM19362	MONTGOMERY RD	WOODMONT AV	GRAND VISTA AV	50	501.24	AC	126	95	GOOD	Y	
HAM26365	MONTGOMERY RD TO I-71 SB RAMP	MONTGOMERY RD	I-71 SB RAMP	25	4730.49	AC	108	94	GOOD	Y	ONE WAY
HAM16889	MONTICELLO AV	BELMONT AV	CONNECTICUT AV	21	564.86	AC	650	37	VERY POOR	Y	
HAM16890	MONTICELLO AV	BLUEBELL DR	SIMBURY CT	24	771.41	AC	441	63	FAIR	Y	
HAM16887	MONTICELLO AV	SIMBURY CT	BELMONT AV	23	462.03	AC	520	64	FAIR	Y	
HAM60935	MONTROSE ST	HARRISON AV	RANKIN ST	30	590.97	AC	650	64	FAIR	Y	
HAM60936	MONTROSE ST	RANKIN ST	TERM W OF RANKIN ST	30	922.09	AC	472	49	POOR	Y	UNCOLLECTED PORTION UNPAVED ROAD
HAM03050	MONTROSE ST	SPERBER ST	WHITE ST	17	204.88	AC	650	35	VERY POOR	Y	
HAM11826	MONTROSE ST	TERM E OF SPERBER ST	SPERBER ST	18	464.04	AC	641	37	VERY POOR	Y	UNCOLLECTED PORTION DOES NOT EXIST
HAM54303	MONTROSE ST	TERM E OF WILLIAMS ST	WILLIAMS ST	18	150.23		-1	-1		N	UNPAVED ROAD
HAM12826	MONTWOOD AL	LOSANTIVILLE AV	RIDGE AV	10	543.46	PCC	650	31	VERY POOR	Y	ONE WAY
HAM17409	MOONEY AV	ERIE AV	MADISON RD	35	1420.79	AC	598	41	POOR	Y	
HAM06486	MOONEY AV	OBSERVATORY AV	ERIE AV	36	828.10	AC	650	57	FAIR	Y	
HAM38253	MOONKIST CT	TERM E OF WAYSIDE CT	WAYSIDE CT	24	239.66	AC	650	89	GOOD	Y	
HAM38252	MOONKIST CT	WAYSIDE CT	TERM NW OF WAYSIDE CT	24	487.22	AC	513	91	GOOD	Y	
HAM21678	MOORE ST	E 15TH ST	TERM N OF E 15TH ST	22	198.40	AC	650	70	FAIR	Y	
HAM21665	MOORE ST	E LIBERTY ST	E MCMICKEN AV	23	573.94	AC	650	58	FAIR	Y	
HAM37874	MOORHEAD ST	GROVER HILL AV	TERM NE OF GROVER HILL AV	24	145.24	AC	650	46	POOR	Y	
HAM21563	MOORMAN AV	CLAYTON ST	MADISON RD	29	474.01	AC	650	92	GOOD	Y	
HAM05792	MOORMAN AV	E MCMILLAN ST	WILLIAM H TAFT RD	30	835.08	AC	563	94	GOOD	Y	ONE WAY
HAM05780	MOORMAN AV	WILLIAM H TAFT RD	CLAYTON ST	30	480.69	AC	485	90	GOOD	Y	ONE WAY
HAM21923	MOOSEWOOD AV	BOWLING GREEN CT	BEEKMAN ST	36	828.30	AC	650	60	FAIR	Y	
HAM38812	MOOSEWOOD AV	TERM S OF YONKERS AV	YONKERS AV	24	282.14	AC	650	50	POOR	Y	
HAM21951	MOOSEWOOD AV	YONKERS AV	BOWLING GREEN CT	32	1267.34	AC	313	52	POOR	Y	
HAM38824	MOOSEWOOD CT	HOPPLE CT	TERM N OF HOPPLE CT	23	170.47	AC	650	85	SATISFACTORY	Y	UNCOLLECTED PORTION UNPAVED ROAD
HAM21920	MOOSEWOOD CT	SUTTER AV	HOPPLE CT	25	274.84	AC	650	43	POOR	Y	
HAM13544	MORADO DR	LIMBERLOST LN	WILLNET DR	24	1611.22	AC	340	40	VERY POOR	Y	
HAM38882	MORADO DR	TERM S OF LIMBERLOST LN	LIMBERLOST LN	24	593.89	AC	577	43	POOR	Y	
HAM25771	MORAND AL	RACE ST	RUSCONI PL	8	254.11		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM65042	MORAND AL	RUSCONI PL	ELM ST	8	204.52	PCC	650	40	VERY POOR	Y	UNCOLLECTED PORTION TOO NARROW FOR VAN ACCESS
HAM25829	MORAND AL	TERM E OF RACE ST	RACE ST	11	124.16		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM24223	MORGAN ST	BOONE ST	PRESLEY AL	29	136.08	AC	650	36	VERY POOR	Y	
HAM07954	MORGAN ST	CONCORD ST	COPELEN ST	20	439.39	AC	650	22	SERIOUS	Y	
HAM07948	MORGAN ST	CRANSTON AL	KENTON ST	30	134.13	AC	589	51	POOR	Y	
HAM07950	MORGAN ST	FARRAN AL	CONCORD ST	30	139.58	AC	650	61	FAIR	Y	
HAM24212	MORGAN ST	IOWA AV	DOVER ST	29	240.46	AC	650	35	VERY POOR	Y	
HAM07949	MORGAN ST	KENTON ST	FARRAN AL	29	134.13	AC	650	64	FAIR	Y	
HAM07943	MORGAN ST	MAY ST	CRANSTON AL	30	135.98	AC	650	47	POOR	Y	
HAM24224	MORGAN ST	PRESLEY AL	MAY ST	29	133.93	AC	650	39	VERY POOR	Y	
HAM24217	MORGAN ST	READING RD	IOWA AV	30	476.82	AC	650	34	VERY POOR	Y	
HAM38736	MORNINGDALE CT	TERM E OF MORNINGRIDGE DR	MORNINGRIDGE DR	27	390.19	AC	650	95	GOOD	Y	
HAM39716	MORNINGDEW CT	TERM S OF YORKTOWN RD	YORKTOWN RD	27	300.61	AC	650	91	GOOD	Y	
HAM03003	MORNINGRIDGE DR	MORNINGDALE CT	FLEETWOOD AV	26	1665.15	AC	256	61	FAIR	Y	
HAM38723	MORNINGRIDGE DR	TERM S OF MORNINGDALE CT	MORNINGDALE CT	27	1029.36	AC	320	67	FAIR	Y	
HAM38753	MORNINGVIEW LN	TERM S OF FLEETWOOD AV	FLEETWOOD AV	23	447.41	PCC	446	54	POOR	Y	
HAM06081	MORRIS PL	STANLEY AV	TUSCULUM AV	24	604.51	AC	650	95	GOOD	Y	ONE WAY
HAM09087	MORRIS PL	TUSCULUM AV	DONHAM AV	23	543.34	AC	518	93	GOOD	Y	ONE WAY
HAM20347	MORRIS ST	DEERFIELD PL	SINTON AV	29	347.23	AC	539	48	POOR	Y	
HAM27909	MORRIS ST	GILBERT AV	DEERFIELD PL	30	434.32	AC	650	39	VERY POOR	Y	
HAM25479	MORRISON AV	EVENING STAR LN	WIRHAM PL	36	153.96	AC	302	31	VERY POOR	Y	
HAM25483	MORRISON AV	HOWELL AV	EVENING STAR LN	37	197.23	AC	650	41	POOR	Y	
HAM25559	MORRISON AV	LOWELL AV	TERRACE AV	35	406.84	AC	650	35	VERY POOR	Y	
HAM25478	MORRISON AV	TERRACE AV	HOWELL AV	34	325.16	AC	628	67	FAIR	Y	
HAM00098	MORRISON AV	WIRHAM PL	LUDLOW AV	36	518.72	AC	630	43	POOR	Y	
HAM05434	MORRISON PL	LUDLOW AV	EVANSWOOD PL	20	736.07	AC	650	41	POOR	Y	
HAM39196	MORROW PL	TERM SE OF MARYLAND AV	SUMMIT AV	15	387.84	AC	650	44	POOR	Y	
HAM14379	MORROW ST	LEHIGH AV	ROCKLAND AV	12	334.06	AC	650	61	FAIR	Y	ONE WAY
HAM14377	MORROW ST	ROCKLAND AV	BEECHMONT AV	18	302.60	AC	650	70	FAIR	Y	ONE WAY
HAM14378	MORROW ST	SUTTON AV	LEHIGH AV	13	447.03	AC	650	57	FAIR	Y	ONE WAY
HAM14452	MORSE ST	GREENWOOD TER	PENNSYLVANIA AV	22	145.11	AC	536	74	SATISFACTORY	Y	
HAM14459	MORSE ST	PENNSYLVANIA AV	HUTTON ST	24	304.96	AC	614	80	SATISFACTORY	Y	
HAM38931	MORSE ST	TERM SW OF GREENWOOD TER	GREENWOOD TER	19	322.36	AC	650	39	VERY POOR	Y	
HAM37122	MORTEN ST	TERM S OF OBSERVATORY AV	OBSERVATORY AV	30	1067.61	AC	597	39	VERY POOR	Y	
HAM38036	MOSSWOOD CT	OAK KNOLL DR	TERM W OF OAK KNOLL DR	24	473.02	AC	650	71	SATISFACTORY	Y	
HAM20218	MOTH AL	E LIBERTY ST	HUGHES ST	8	345.73	BR	650	-1		Y	UNCOLLECTED PORTION TOO NARROW FOR VAN ACCESS
HAM15841	MOTOR LN	CHEVIOT AV	EVERETT AV	11	387.20	AC	650	40	VERY POOR	Y	
HAM15838	MOTOR LN	HIGBEE ST	CHEVIOT AV	8	386.76	AC	650	43	POOR	Y	
HAM15847	MOTOR LN	MOZART AV	UNNAMED AL	11	273.48	AC	650	86	GOOD	Y	ONE WAY
HAM15837	MOTOR LN	UNNAMED AL	HIGBEE ST	12	213.96	AC	650	64	FAIR	Y	ONE WAY
HAM33803	MOULTON AV	MOULTON AV	CRESTLINE AV	20	237.61	AC	650	53	POOR	Y	
HAM33802	MOULTON AV	MT ECHO PARK DR		3	508.18		-1	-1		N	DOES NOT EXIST

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM25759	MOUND ST	CHESTNUT ST	CLARK ST	28	284.81	AC	633	74	SATISFACTORY	Y	
HAM25890	MOUND ST	ELIZABETH ST	CHESTNUT ST	30	257.07	AC	275	70	FAIR	Y	
HAM28120	MOUND ST	RICHMOND ST	W COURT ST	26	305.52	AC	650	44	POOR	Y	
HAM28125	MOUND ST	W 9TH ST	RICHMOND ST	26	303.17	AC	650	70	FAIR	Y	
HAM26021	MOUND ST	W COURT ST	ELIZABETH ST	27	267.98	AC	650	49	POOR	Y	
HAM03508	MOUNTVILLE DR	GLENWAY AV	WINDSORHILL DR	25	277.16	AC	650	42	POOR	Y	
HAM02641	MOUNTVILLE DR	GLOW CT	MIDWAY AV	24	384.80	AC	475	49	POOR	Y	
HAM02640	MOUNTVILLE DR	TIMRICK CT	GLOW CT	24	274.63	AC	497	61	FAIR	Y	
HAM03520	MOUNTVILLE DR	WINDSORHILL DR	TIMRICK CT	25	341.86	AC	417	47	POOR	Y	
HAM38832	MOWBRAY LN	VAN DYKE AV	TERM SE OF VAN DYKE AV	24	419.76	AC	650	91	GOOD	Y	
HAM09420	MOYER PL	LE BLOND AV	TERM SE OF LE BLOND AV	12	384.63	AC	650	46	POOR	Y	
HAM15848	MOZART AV	BOUDINOT AV	HIGBEE ST	30	543.78	AC	406	48	POOR	Y	
HAM15842	MOZART AV	CHEVIOT AV	EVERETT AV	30	377.52	AC	650	36	VERY POOR	Y	
HAM15844	MOZART AV	HIGBEE ST	CHEVIOT AV	30	397.18	AC	474	52	POOR	Y	
HAM11888	MT AIRY AV	COLERAIN AV	FOX RD	25	248.37	AC	650	85	SATISFACTORY	Y	
HAM15111	MT AIRY AV	FOX RD	VOGEL RD	24	1051.17	AC	515	74	SATISFACTORY	Y	
HAM38955	MT ECHO DR	RIVER RD	TERM NW OF RIVER RD	16	166.41	AC	650	52	POOR	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM01725	MT HOPE AV	BODLEY AV	BUSHNELL ST	36	842.95	AC	507	34	VERY POOR	Y	
HAM01718	MT HOPE AV	BUSHNELL ST	W 8TH ST	36	380.92	AC	428	50	POOR	Y	
HAM09546	MT HOPE AV	ELBERON AV	KULLA VIKEN LN	19	796.24	AC	551	37	VERY POOR	Y	
HAM40921	MT HOPE AV	GABRIEL AV	ELBERON AV	19	539.54	AC	650	90	GOOD	Y	
HAM09547	MT HOPE AV	KULLA VIKEN LN	ZECH PL	25	352.77	AC	226	45	POOR	Y	
HAM01713	MT HOPE AV	PRICE AV	MARYLAND AV	36	539.50	AC	650	65	FAIR	Y	
HAM01701	MT HOPE AV	RIVER RD	GALVIN AV	22	251.27	AC	650	93	GOOD	Y	
HAM01716	MT HOPE AV	W 8TH ST	PRICE AV	36	420.50	AC	650	52	POOR	Y	
HAM01680	MT HOPE AV	ZECH PL	BODLEY AV	30	114.02	AC	321	53	POOR	Y	
HAM12182	MT VERNON AV	CADILLAC AV	SEAL ST	30	727.41	AC	355	93	GOOD	Y	
HAM12760	MT VERNON AV	PAXTON AV	CADILLAC AV	30	724.95	AC	541	95	GOOD	Y	
HAM37337	MT VERNON AV	SEAL ST	TERM N OF SEAL ST	31	509.02	AC	460	98	GOOD	Y	
HAM03613	MUDDY CREEK RD	ALLVIEW CIR	CHILI HILL DR	37	408.34	AC	245	50	POOR	Y	
HAM03673	MUDDY CREEK RD	CHILI HILL DR	ROBINET DR	27	474.42	AC	536	87	GOOD	Y	
HAM03533	MUDDY CREEK RD	GLENWAY AV	ROSEBUD DR	46	438.18	AC	544	71	SATISFACTORY	Y	
HAM03686	MUDDY CREEK RD	ROSEBUD DR	ALLVIEW CIR	37	876.23	AC	349	52	POOR	Y	
HAM20352	MULBERRY ST	ANTIQUE ST	SYCAMORE ST	36	434.80	AC	650	72	SATISFACTORY	Y	
HAM05676	MULBERRY ST	FRINTZ ST	SHARP AL	41	331.25	AC	336	38	VERY POOR	Y	
HAM20183	MULBERRY ST	LANG ST	ANTIQUE ST	26	343.86	AC	650	84	SATISFACTORY	Y	
HAM32234	MULBERRY ST	RICE ST	FRINTZ ST	41	745.55	AC	336	69	FAIR	Y	
HAM20266	MULBERRY ST	SHARP AL	LANG ST	40	330.99	AC	650	76	SATISFACTORY	Y	
HAM08520	MULBERRY ST	VINE ST	LOTH ST	40	241.18	AC	650	48	POOR	Y	ONE WAY
HAM32018	MURDOCK AV	CITYSCAPE W DR	HAWTHORNE AV	31	161.73	AC	650	51	POOR	Y	
HAM02380	MURDOCK AV	CONSIDINE AV	PURCELL AV	30	244.77	AC	650	80	SATISFACTORY	Y	
HAM32017	MURDOCK AV	GRAND AV	CITYSCAPE W DR	31	166.30	AC	650	39	VERY POOR	Y	
HAM02386	MURDOCK AV	HAWTHORNE AV	CONSIDINE AV	31	329.89	AC	522	72	SATISFACTORY	Y	
HAM39251	MURIEL CT	WARNER ST	TERM NE OF WARNER ST	26	479.02	AC	650	95	GOOD	Y	
HAM11287	MURRAY AV	ERIE AV	LA CROSSE AV	30	687.85	AC	443	44	POOR	Y	
HAM06841	MURRAY AV	GERMANIA AV	S WHETZEL AV	24	350.71	AC	373	47	POOR	Y	
HAM06850	MURRAY AV	S WHETZEL AV	WATTERSON RD	23	353.94	AC	472	57	FAIR	Y	
HAM11022	MURRAY AV	SETTLE ST	CINC|COLUTP|MARMNT CORPLINE	20	133.70	AC	650	60	FAIR	Y	
HAM38202	MUSCOGEE ST	OXLEY ST	TERM N OF OXLEY ST	12	496.47		-1	-1		N	UNPAVED ROAD
HAM00048	MUSTANG DR	ANACONDA DR	BIGHORN CT	23	350.00	AC	474	54	POOR	Y	
HAM00049	MUSTANG DR	BIGHORN CT	GOLDRUSH CT	22	280.76	AC	267	76	SATISFACTORY	Y	
HAM02787	MUSTANG DR	MONTANA AV	YEARLING CT	36	639.20	AC	405	32	VERY POOR	Y	
HAM09485	MUSTANG DR	RODEO CT	ANACONDA DR	24	973.87	AC	306	71	SATISFACTORY	Y	
HAM02791	MUSTANG DR	TREASURE CT	RODEO CT	23	221.13	AC	265	42	POOR	Y	
HAM02790	MUSTANG DR	YEARLING CT	TREASURE CT	26	407.90	AC	260	34	VERY POOR	Y	
HAM21499	MYRTLE AV	ALMS PL	PRESTON ST	30	235.42	AC	650	15	SERIOUS	Y	
HAM21511	MYRTLE AV	PARK AV	ALMS PL	28	476.92	AC	650	37	VERY POOR	Y	
HAM21512	MYRTLE AV	PRESTON ST	ASHLAND AV	29	207.41	AC	650	15	SERIOUS	Y	
HAM21516	MYRTLE AV	VICTORY PKWY	WOODBURN AV	34	1435.41	AC	417	57	FAIR	Y	
HAM30293	MYSTIC AV	PARKWAY AV	ANTHONY WAYNE AV	18	782.78	AC	559	89	GOOD	Y	
HAM02874	N ARGYLE AV	HAMILTON AV	MANOR LN	24	291.25	AC	351	95	GOOD	Y	
HAM02875	N ARGYLE AV	MANOR LN	S ARGYLE AV	25	369.78	AC	168	93	GOOD	Y	
HAM03381	N CLEROSE CIR	S CLEROSE CIR	ROSEMONT AV	19	674.59	AC	650	83	SATISFACTORY	Y	ONE WAY
HAM12787	N CLUBCREST AV	MARBURG AV	S CLUBCREST AV	21	529.02	AC	650	38	VERY POOR	Y	
HAM00870	N DIXON CIR	HAMILTON AV	S DIXON CIR	21	406.29	PCC	650	85	SATISFACTORY	Y	
HAM12773	N FRED SHUTTLESWORTH CIR	EDGEHILL PL	DANA AV	32	2315.87	AC	399	72	SATISFACTORY	Y	
HAM11209	N FRED SHUTTLESWORTH CIR	S FRED SHUTTLESWORTH CIR	EDGEHILL PL	36	127.18	AC	650	63	FAIR	Y	
HAM07013	N HEGRY CIR	HEGRY CIR	HEGRY CIR	25	892.95	AC	365	55	POOR	Y	
HAM02253	N LYNNEBROOK DR	S LYNNEBROOK DR	KENNETH AV	24	687.39	AC	380	68	FAIR	Y	
HAM01836	N OVERLOOK AV	UNNAMED R/W	GLENWAY AV	25	653.84	AC	650	42	POOR	Y	
HAM37127	N RAEBURN DR	RAEBURN DR	TERM N OF RAEBURN DR	25	400.79	AC	427	54	POOR	Y	
HAM12167	N STERLING WY	S STERLING WY	MARBURG AV	20	550.13	AC	373	72	SATISFACTORY	Y	
HAM02921	N TERALTA CIR	E TERALTA CIR	PICKMEIER LN	24	489.35	AC	423	66	FAIR	Y	
HAM08190	NAEHER ST	ACME AL	BAYMILLER ST	16	125.51	BR	650	-1		Y	
HAM08224	NAEHER ST	BAYMILLER ST	GAY AL	19	125.86	BR	650	-1		Y	
HAM27410	NAEHER ST	BRIGHT AL	COLERAIN AV	18	118.61	BR	650	-1		Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM32144	NAEHER ST	COLERAIN AV	LUBKE AL	18	122.18	BR	650	-1		Y	
HAM08233	NAEHER ST	FREEMAN AV	KIMPEL AL	20	124.72	BR	650	-1		Y	
HAM08258	NAEHER ST	GAY AL	PINK AL	18	355.70	BR	650	-1		Y	
HAM27419	NAEHER ST	KIMPEL AL	BRIGHT AL	19	218.08	BR	650	-1		Y	
HAM08320	NAEHER ST	LINN ST	ACME AL	14	467.12	BR	650	-1		Y	
HAM38529	NAEHER ST	LUBKE AL	TERM W OF LUBKE AL	17	196.47	BR	650	-1		Y	
HAM08260	NAEHER ST	PINK AL	FREEMAN AV	18	139.56	BR	650	-1		Y	
HAM08334	NAGEL AL	W MCMICKEN AV	MOHAWK ST	7	171.01		-1	-1		N	ALLEY / BOOTS ON THE GROUND / COBBLESTONE
HAM36944	NAHANT AV	TERM S OF LLANFAIR AV	LLANFAIR AV	25	542.66	AC	372	87	GOOD	Y	
HAM38884	NANCY LEE LN	TERM S OF WILLNET DR	WILLNET DR	24	785.58	AC	316	58	FAIR	Y	
HAM03540	NANCY LEE LN	WILLNET DR	CLEVES WARSAW PIKE	24	365.20	AC	650	57	FAIR	Y	
HAM38837	NANCY LN	NASH AV	TERM N OF NASH AV	24	311.51	AC	650	70	FAIR	Y	
HAM39622	NANSEN ST	CORNELIA AV	TERM W OF CORNELIA AV	23	489.04	AC	360	76	SATISFACTORY	Y	
HAM19548	NANSEN ST	FAIRPARK AV	CORNELIA AV	20	807.36	AC	296	71	SATISFACTORY	Y	
HAM13282	NASH AV	ELLISON AV	VANDYKE DR	29	901.25	AC	650	34	VERY POOR	Y	
HAM13281	NASH AV	NANCY LN	ELLISON AV	30	378.17	AC	650	47	POOR	Y	
HAM38838	NASH AV	TERM W OF NANCY LN	NANCY LN	27	204.67	AC	650	56	FAIR	Y	
HAM05539	NASSAU ST	ALPINE PL	ST JAMES AV	37	147.75	AC	481	46	POOR	Y	
HAM10623	NASSAU ST	FULTON AV	ALPINE PL	35	330.65	AC	377	33	VERY POOR	Y	
HAM20341	NASSAU ST	KENTON ST	SINTON AV	36	289.68	AC	650	29	VERY POOR	Y	
HAM20345	NASSAU ST	SINTON AV	FULTON AV	35	382.04	AC	259	29	VERY POOR	Y	
HAM05540	NASSAU ST	ST JAMES AV	KEMPER LN	35	473.83	AC	419	49	POOR	Y	
HAM06609	NAVARRE PL	MATHIS ST	SIMPSON AV	20	389.41	AC	619	41	POOR	Y	
HAM30718	NEAR DR	JOHN ST	GENESSEE ST	18	415.48	AC	650	80	SATISFACTORY	Y	
HAM01678	NEAVE ST	ST MICHAEL ST	STORRS ST	30	285.54	AC	526	53	POOR	Y	
HAM01676	NEAVE ST	STORRS ST	STAEBLER ST	30	197.13	AC	650	33	VERY POOR	Y	
HAM53608	NEAVE ST	TERM S OF ST MICHAEL ST	ST MICHAEL ST	30	201.42	AC	650	40	VERY POOR	Y	
HAM01941	NEBRASKA AV	ROTH AV	RAPID RUN RD	36	339.19	AC	556	80	SATISFACTORY	Y	
HAM03356	NEBRASKA AV	W 8TH ST	ROTH AV	35	421.54	AC	333	71	SATISFACTORY	Y	
HAM08249	NEFF AV	LOCKWOOD PL	TERM N OF LOCKWOOD PL	12	976.33	AC	650	95	GOOD	Y	UNCOLLECTED PORTION PRIVATE DRIVEWAY
HAM11800	NEFF AV	WILDER AV	LOCKWOOD PL	16	917.24	AC	650	95	GOOD	Y	
HAM39597	NEILSON PL	WOODBURN AV	TERM E OF WOODBURN AV	21	276.60	AC	650	66	FAIR	Y	
HAM03575	NEISEL AV	CINC|GREETP CORPLINE	WERK RD	25	223.11	AC	650	79	SATISFACTORY	Y	
HAM39209	NEVADA ST	GEST ST	TERM S OF GEST ST	23	286.76	AC	650	67	FAIR	Y	
HAM27659	NEW ST	BROADWAY	TROUT AL	18	280.58	AC	650	40	VERY POOR	Y	ONE WAY
HAM11095	NEW ST	FERNBANK AV	OVER LN	10	274.06	AC	396	91	GOOD	Y	
HAM26078	NEW ST	NORTH ST	BROADWAY	22	246.73	AC	650	36	VERY POOR	Y	
HAM26039	NEW ST	SYCAMORE ST	NORTH ST	20	242.60	AC	650	39	VERY POOR	Y	
HAM27678	NEW ST	TROUT AL	CULVERT ST	19	320.11	AC	650	71	SATISFACTORY	Y	ONE WAY
HAM30277	NEWBEDFORD AV	CREST HILL AV	SPARKLE DR	24	454.12	AC	238	94	GOOD	Y	
HAM07807	NEWBEDFORD AV	PELHAM PL	CREST HILL AV	24	290.92	AC	248	93	GOOD	Y	
HAM36692	NEWBEDFORD AV	SPARKLE DR	TERM N OF SPARKLE DR	24	273.00	AC	650	93	GOOD	Y	
HAM07809	NEWBEDFORD AV	SUMMIT RD	PELHAM PL	23	591.06	AC	342	93	GOOD	Y	
HAM39690	NEWFIELD AV	CARRAHEN AV	TERM N OF CARRAHEN AV	24	141.69	AC	650	78	SATISFACTORY	Y	
HAM35290	NEWFIELD AV	DALE RD	PORTMAN AV	25	837.60	AC	448	79	SATISFACTORY	Y	
HAM11992	NEWFIELD AV	PORTMAN AV	CARRAHEN AV	24	1207.03	AC	210	77	SATISFACTORY	Y	
HAM32078	NEWTON AV	BREWSTER AV	DANA AV	30	945.78	AC	650	49	POOR	Y	
HAM38571	NEYER AV	BEEKMAN ST	TERM W OF BEEKMAN ST	21	655.27	AC	650	57	FAIR	Y	
HAM64131	NICHOLSON AV	FYFFE AV	TERM W OF	18	426.37	AC	650	7	FAILED	Y	
HAM64132	NICHOLSON AV	TERM E OF	TERM W OF TERM E OF	18	332.02	AC	650	16	SERIOUS	Y	
HAM09269	NILES ST	CORBETT ST	DELTA AV	24	210.25	BR	650	-1		Y	
HAM09268	NILES ST	HALPIN AV	CORBETT ST	24	315.98	BR	650	-1		Y	
HAM35971	NINANN CT	SAFFER ST	TERM E OF SAFFER ST	28	1264.10	AC	288	79	SATISFACTORY	Y	
HAM18782	NIXON ST	GOODMAN DR	JEFFERSON AV	43	650.19	AC	241	86	GOOD	Y	
HAM05847	NIXON ST	JEFFERSON AV	BISHOP ST	32	518.41	AC	617	75	SATISFACTORY	Y	
HAM08986	NOME AL	GALENA AL	W 15TH ST	8	113.34		-1	-1		N	DOES NOT EXIST
HAM33985	NORHAM AV	RIDGE AV	PANDORA AV	25	398.13	AC	650	84	SATISFACTORY	Y	
HAM35812	NORMANDY AV	BRAMBLE AV	TERM N OF BRAMBLE AV	24	704.53	AC	513	82	SATISFACTORY	Y	
HAM38349	NORTH BEND CT	SIMPSON AV	TERM SW OF SIMPSON AV	20	449.46	AC	650	38	VERY POOR	Y	
HAM00080	NORTH EDGEWOOD AV	BEECHWOOD AV	FROOME AV	31	292.66	AC	544	89	GOOD	Y	
HAM00082	NORTH EDGEWOOD AV	BURR OAK ST	BEECHWOOD AV	31	416.95	AC	530	89	GOOD	Y	
HAM00088	NORTH EDGEWOOD AV	DERBY AV	MCMAKIN AV	32	439.23	AC	459	81	SATISFACTORY	Y	
HAM11410	NORTH EDGEWOOD AV	EAST EPWORTH AV	BURR OAK ST	33	264.48	AC	650	84	SATISFACTORY	Y	
HAM00095	NORTH EDGEWOOD AV	FROOME AV	HAND AV	31	456.89	AC	224	89	GOOD	Y	
HAM00085	NORTH EDGEWOOD AV	MCMAKIN AV	EAST EPWORTH AV	32	386.48	AC	369	79	SATISFACTORY	Y	
HAM26042	NORTH ST	NEW ST	E 7TH ST	18	226.15	AC	650	53	POOR	Y	
HAM02258	NORTH WY	EAST WY	WEST WY	24	281.89	AC	299	95	GOOD	Y	
HAM39688	NORTHAMPTON DR	READING RD	TERM E OF READING RD	25	599.93	AC	650	94	GOOD	Y	
HAM19609	NORTHCUTT AV	HERMIT AV	RHODE ISLAND AV	25	835.46	AC	650	89	GOOD	Y	
HAM23890	NORTHCUTT AV	PHANTOM AV	HERMIT AV	25	771.83	AC	422	84	SATISFACTORY	Y	
HAM23906	NORTHCUTT AV	YARMOUTH AV	PHANTOM AV	25	708.83	AC	450	81	SATISFACTORY	Y	
HAM38109	NORTHDALE PL	KENNEDY AV	TERM NE OF KENNEDY AV	24	555.55	AC	406	95	GOOD	Y	
HAM54407	NORTHERN AV	BURNET AV	HARVEY AV	40	614.08	AC	650	93	GOOD	Y	
HAM05869	NORTHERN AV	DURY AV	LARONA AV	29	361.88	AC	620	40	VERY POOR	Y	
HAM05870	NORTHERN AV	LARONA AV	WILSON AV	31	364.02	AC	463	47	POOR	Y	
HAM05952	NORTHERN AV	WILSON AV	BURNET AV	29	826.80	AC	525	72	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM08144	NORTHSIDE AV	CLARA ST	GRAND AV	22	266.56	AC	650	81	SATISFACTORY	Y	
HAM08145	NORTHSIDE AV	SELIM AV	CLARA ST	21	273.21	AC	650	75	SATISFACTORY	Y	
HAM35493	NORTHVIEW AV	TERM E OF STANFORD DR	STANFORD DR	24	770.19	AC	513	43	POOR	Y	
HAM20392	NORTHWOOD DR	CASTLETON PL	YORKSHIRE PL	25	359.13	PCC	588	63	FAIR	Y	
HAM19524	NORTHWOOD DR	GREENLAND PL	STONYBROOK DR	25	761.52	PCC	650	64	FAIR	Y	
HAM19516	NORTHWOOD DR	YORKSHIRE PL	GREENLAND PL	25	357.84	PCC	630	67	FAIR	Y	
HAM06013	NORWAY AV	BARKER RD	WASHINGTON AV	14	644.04	AC	650	67	FAIR	Y	
HAM53983	NORWICH AV	EHRMAN AV	BAXTER AV	24	361.96	AC	426	66	FAIR	Y	
HAM05726	NORWICH LN	BAXTER AV	BONFIELD DR	20	637.11	AC	413	77	SATISFACTORY	Y	
HAM05693	NORWICH LN	BONFIELD DR	DUNKIRK ST	23	201.01	AC	650	61	FAIR	Y	
HAM53333	NORWOOD LATERAL EB	CINC|NOR CORPLINE	SR 562 EB	37	3193.10	AC	137	90	GOOD	Y	
HAM52797	NORWOOD LATERAL EB	UNKNOWN	SR 562 EB	39	830.63	AC	108	81	SATISFACTORY	Y	
HAM53041	NORWOOD LATERAL EB	UNKNOWN	SR 562 EB	43	1302.09	AC	87	79	SATISFACTORY	Y	
HAM53300	NORWOOD LATERAL EB	UNKNOWN	SR 562 EB	39	1992.87	AC	106	81	SATISFACTORY	Y	
HAM53332	NORWOOD LATERAL EB	UNKNOWN	CINC|NOR CORPLINE	38	2070.28	AC	133	79	SATISFACTORY	Y	
HAM53035	NORWOOD LATERAL WB	NOR|CINC CORPLINE	UNKNOWN	39	2199.45	AC	141	78	SATISFACTORY	Y	
HAM52798	NORWOOD LATERAL WB	UNKNOWN	UNKNOWN	38	3139.64	AC	131	84	SATISFACTORY	Y	
HAM53036	NORWOOD LATERAL WB	UNKNOWN	UNKNOWN	40	1081.58	AC	86	82	SATISFACTORY	Y	
HAM53040	NORWOOD LATERAL WB	UNKNOWN	UNKNOWN	35	1277.27	AC	321	78	SATISFACTORY	Y	
HAM53299	NORWOOD LATERAL WB	UNKNOWN	UNKNOWN	41	1744.32	AC	124	83	SATISFACTORY	Y	
HAM38147	NOTTINGHAM RD	CITY VIEW	TERM W OF PRESIDENT DR	36	1078.97	AC	342	37	VERY POOR	Y	
HAM03526	NOVA AV	GLENWAY AV	VEAZEY AV	20	894.81	AC	650	53	POOR	Y	
HAM37681	NOVA AV	VEAZEY AV	TERM NW OF VEAZEY AV	20	140.13	AC	650	64	FAIR	Y	
HAM01304	OAK KNOLL DR	BITTEROOT LN	EDWOOD AV	25	626.62	AC	472	54	POOR	Y	
HAM10299	OAK KNOLL DR	DEVONWOOD DR	LOISWOOD DR	25	1068.18	AC	207	81	SATISFACTORY	Y	
HAM10300	OAK KNOLL DR	EDWOOD AV	DEVONWOOD DR	25	918.14	AC	294	82	SATISFACTORY	Y	
HAM01353	OAK KNOLL DR	LOISWOOD DR	TERM W OF	21	255.58	AC	342	80	SATISFACTORY	Y	
HAM01301	OAK KNOLL DR	S OAK KNOLL DR	BITTEROOT LN	24	313.79	AC	476	39	VERY POOR	Y	
HAM37321	OAK LN	MARBURG AV	TERM E OF MARBURG AV	24	547.60	AC	503	68	FAIR	Y	
HAM37339	OAK PARK PL	PAXTON AV	TERM W OF PAXTON AV	20	572.22	AC	618	45	POOR	Y	
HAM21498	OAK ST	BANNING AL	GILBERT AV	37	243.23	AC	650	54	POOR	Y	
HAM08027	OAK ST	BELLEVUE AV	HIGHLAND AV	29	412.68	AC	536	47	POOR	Y	
HAM26196	OAK ST	BURNET AV	VERNON PL	36	434.77	AC	334	50	POOR	Y	
HAM07968	OAK ST	EDEN AV	GERARD ST	36	239.65	AC	445	37	VERY POOR	Y	
HAM08029	OAK ST	GERARD ST	BELLEVUE AV	36	233.08	AC	414	39	VERY POOR	Y	
HAM26190	OAK ST	HEMLOCK ST	STANTON AV	37	334.74	AC	463	41	POOR	Y	
HAM08028	OAK ST	HIGHLAND AV	BURNET AV	30	416.42	AC	650	82	SATISFACTORY	Y	
HAM11638	OAK ST	HIGHLAND AV	W 63RD ST	31	254.40	AC	650	65	FAIR	Y	
HAM27989	OAK ST	MAY ST	HEMLOCK ST	36	398.76	AC	456	40	VERY POOR	Y	
HAM21510	OAK ST	MELROSE AV	BANNING AL	35	264.79	AC	210	68	FAIR	Y	
HAM27963	OAK ST	READING RD	WINSLOW AV	35	572.74	AC	266	65	FAIR	Y	
HAM26185	OAK ST	STANTON AV	MELROSE AV	37	519.02	AC	547	76	SATISFACTORY	Y	
HAM27964	OAK ST	VERNON PL	READING RD	36	524.04	AC	650	41	POOR	Y	
HAM27985	OAK ST	WINSLOW AV	MAY ST	44	454.10	PCC	650	90	GOOD	Y	
HAM39181	OAK VIEW PL	MARBURG AV	TERM E OF MARBURG AV	20	521.41	AC	513	76	SATISFACTORY	Y	
HAM40509	OAKDALE AV	CALIFORNIA AV	MONOQUE AL	36	141.40	AC	650	36	VERY POOR	Y	
HAM12488	OAKDALE AV	CAROLINA AV	CALIFORNIA AV	36	278.68	AC	650	23	SERIOUS	Y	
HAM40475	OAKDALE AV	CRUSEY AL	RYLAND AV	34	148.28	AC	650	44	POOR	Y	
HAM30063	OAKDALE AV	FRANKLIN AV	CAROLINA AV	33	270.42	AC	650	87	GOOD	Y	
HAM12497	OAKDALE AV	HAFER AL	LAIDLAW AV	36	136.33	AC	650	48	POOR	Y	
HAM12493	OAKDALE AV	LAIDLAW AV	CRUSEY AL	35	145.69	AC	650	35	VERY POOR	Y	
HAM50024	OAKDALE AV	MONOQUE AL	REGENT AV	35	146.17	AC	549	48	POOR	Y	
HAM40455	OAKDALE AV	REGENT AV	HAFER AL	35	148.28	AC	650	51	POOR	Y	
HAM30064	OAKDALE AV	YARMOUTH AV	FRANKLIN AV	32	309.87	AC	650	81	SATISFACTORY	Y	
HAM38154	OAKFIELD AV	TERM E OF WINTON RD	WINTON RIDGE LN	27	922.42	AC	650	42	POOR	Y	
HAM02573	OAKLAND AV	WIEMAN AV	ST LAWRENCE AV	30	716.04	AC	539	93	GOOD	Y	
HAM00582	OAKLAWN DR	MADISON RD	STRATHMORE DR	44	1364.59	AC	390	40	VERY POOR	Y	
HAM00541	OAKLAWN DR	TERM S OF MADISON RD	MADISON RD	20	1010.36	AC	588	62	FAIR	Y	
HAM37867	OAKLEAF AV	TERM NW OF MONTGOMERY RD	MONTGOMERY RD	30	519.94	AC	650	80	SATISFACTORY	Y	
HAM27073	OAKMONT ST	AVALON ST	ANTHONY WAYNE AV	16	849.17	AC	411	81	SATISFACTORY	Y	
HAM37702	OAKTREE PL	RIDGETOP WY	TERM W OF RIDGETOP WY	25	922.56	AC	650	78	SATISFACTORY	Y	
HAM37701	OAKTREE PL	TERM E OF WILDOAK CT	WILDOAK CT	25	1026.81	AC	445	67	FAIR	Y	
HAM31959	OAKTREE PL	WILDOAK CT	RIDGETOP WY	25	277.70	AC	650	66	FAIR	Y	
HAM00436	OAKWOOD AV	BELMONT AV	CONNECTICUT AV	34	627.72	AC	307	36	VERY POOR	Y	
HAM00899	OAKWOOD AV	CONNECTICUT AV	W NORTH BEND RD	33	1109.20	AC	380	38	VERY POOR	Y	
HAM12451	OBERLIN AV	CALIFORNIA AV	MONOQUE AL	36	147.98	AC	650	56	FAIR	Y	
HAM12382	OBERLIN AV	CAROLINA AV	CALIFORNIA AV	24	271.35	AC	650	54	POOR	Y	
HAM12459	OBERLIN AV	CRUSEY AL	OBERLIN BLVD	34	153.63	AC	322	65	FAIR	Y	
HAM12380	OBERLIN AV	FRANKLIN AV	CAROLINA AV	24	272.26	AC	335	89	GOOD	Y	
HAM12456	OBERLIN AV	HAFER AL	LAIDLAW AV	34	139.71	AC	650	80	SATISFACTORY	Y	
HAM23895	OBERLIN AV	JOSEPH ST	YARMOUTH AV	19	312.18	AC	650	53	POOR	Y	
HAM12460	OBERLIN AV	LAIDLAW AV	CRUSEY AL	34	141.86	AC	650	68	FAIR	Y	
HAM35272	OBERLIN AV	MONOQUE AL	REGENT AV	34	149.48	AC	175	78	SATISFACTORY	Y	
HAM12461	OBERLIN AV	REGENT AV	HAFER AL	34	141.51	AC	215	59	FAIR	Y	
HAM23891	OBERLIN AV	YARMOUTH AV	FRANKLIN AV	24	309.58	AC	594	89	GOOD	Y	
HAM12275	OBERLIN BLVD	FENMORE DR	OBERLIN BLVD	23	813.14	AC	462	59	FAIR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM12002	OBERLIN BLVD	ROSSMORE AV	OBERLIN BLVD	23	355.64	AC	242	59	FAIR	Y	
HAM12004	OBERLIN BLVD	RYLAND AV	ROSSMORE AV	23	299.32	AC	315	72	SATISFACTORY	Y	
HAM05891	OBRYON ST	MADISON RD	UNNAMED AL	18	162.45	AC	402	88	GOOD	Y	ONE WAY
HAM32036	OBRYON ST	UNNAMED AL	POGUE AV	18	696.86	AC	650	95	GOOD	Y	ONE WAY
HAM09299	OBSERVATORY AV	AULT VIEW AV	CUSTER AV	36	307.09	AC	472	56	FAIR	Y	
HAM06464	OBSERVATORY AV	BERRY AV	STETTINIUS AV	40	367.20	AC	203	58	FAIR	Y	
HAM06483	OBSERVATORY AV	BURCH AV	MOONEY AV	40	361.39	AC	182	56	FAIR	Y	
HAM09338	OBSERVATORY AV	CRYER AV	DUNCAN AV	40	155.45	AC	226	38	VERY POOR	Y	
HAM09395	OBSERVATORY AV	CUSTER AV	W OBSERVATORY HILL AV	36	275.50	AC	598	48	POOR	Y	
HAM09314	OBSERVATORY AV	DELTA AV	OBSERVATORY DR	39	283.38	AC	599	34	VERY POOR	Y	
HAM09339	OBSERVATORY AV	DUNCAN AV	DUNCAN AV	40	145.48	AC	287	38	VERY POOR	Y	
HAM09340	OBSERVATORY AV	DUNCAN AV	PAXTON AV	39	311.33	AC	650	45	POOR	Y	
HAM34337	OBSERVATORY AV	E OBSERVATORY HILL AV	OBSERVATORY CIR	36	2915.10	AC	251	54	POOR	Y	
HAM06476	OBSERVATORY AV	EASTSIDE AV	EDWARDS RD	40	256.23	AC	650	53	POOR	Y	
HAM19051	OBSERVATORY AV	EDWARDS RD	MICHIGAN AV	39	462.97	AC	288	56	FAIR	Y	
HAM09331	OBSERVATORY AV	GRACE AV	KILGOUR LN	40	832.66	AC	204	41	POOR	Y	
HAM09304	OBSERVATORY AV	HERSCHEL VIEW PL	AULT VIEW AV	36	507.60	AC	574	73	SATISFACTORY	Y	
HAM09332	OBSERVATORY AV	KILGOUR LN	DELTA AV	40	657.94	AC	336	39	VERY POOR	Y	
HAM06697	OBSERVATORY AV	LINWOOD AV	SHADY LN	39	457.95	AC	235	42	POOR	Y	
HAM09309	OBSERVATORY AV	MEIER AV	GRACE AV	40	328.94	AC	293	36	VERY POOR	Y	
HAM06461	OBSERVATORY AV	MENLO AV	BERRY AV	42	189.10	AC	257	50	POOR	Y	
HAM19052	OBSERVATORY AV	MICHIGAN AV	MORTEN ST	40	363.61	AC	220	47	POOR	Y	
HAM06699	OBSERVATORY AV	MONTEITH AV	MONTEITH AV	39	124.47	AC	320	44	POOR	Y	
HAM09337	OBSERVATORY AV	MONTEITH AV	CRYER AV	40	197.27	AC	259	37	VERY POOR	Y	
HAM06465	OBSERVATORY AV	MOONEY AV	WESTSIDE AV	40	168.70	AC	191	54	POOR	Y	
HAM19055	OBSERVATORY AV	MORTEN ST	LINWOOD AV	40	246.70	AC	650	58	FAIR	Y	
HAM09313	OBSERVATORY AV	OBSERVATORY DR	ST JOHNS PL	34	238.35	AC	366	40	VERY POOR	Y	
HAM09305	OBSERVATORY AV	OBSERVATORY PL	HERSCHEL VIEW PL	36	626.54	AC	572	37	VERY POOR	Y	
HAM09308	OBSERVATORY AV	PARKRIDGE PL	OBSERVATORY PL	34	392.72	AC	347	43	POOR	Y	
HAM09307	OBSERVATORY AV	PAXTON AV	MEIER AV	40	255.92	AC	309	33	VERY POOR	Y	
HAM06460	OBSERVATORY AV	PEASENHALL LN	MENLO AV	41	177.63	AC	220	43	POOR	Y	
HAM06698	OBSERVATORY AV	SHADY LN	MONTEITH AV	39	194.78	AC	197	47	POOR	Y	
HAM09310	OBSERVATORY AV	ST JOHNS PL	PARKRIDGE PL	34	294.96	AC	284	35	VERY POOR	Y	
HAM06451	OBSERVATORY AV	STETTINIUS AV	BURCH AV	40	351.65	AC	201	56	FAIR	Y	
HAM09394	OBSERVATORY AV	W OBSERVATORY HILL AV	E OBSERVATORY HILL AV	36	258.79	AC	232	57	FAIR	Y	
HAM06475	OBSERVATORY AV	WESTSIDE AV	EASTSIDE AV	40	305.78	AC	192	65	FAIR	Y	
HAM14442	OBSERVATORY CIR	OBSERVATORY AV	PRINCIPIO AV	36	865.01	AC	263	57	FAIR	Y	
HAM39192	OBSERVATORY DR	TERM S OF OBSERVATORY AV	OBSERVATORY AV	20	609.47	AC	650	37	VERY POOR	Y	
HAM09326	OBSERVATORY PL	OBSERVATORY AV	AVERY LN	16	457.44	AC	650	26	VERY POOR	Y	
HAM02992	OCOSTA AV	WOODROW AV	RAVOGLI AV	24	870.95	AC	395	57	FAIR	Y	
HAM30645	ODEON ST	BLANCA AL	THUBER AL	25	161.25	AC	252	81	SATISFACTORY	Y	
HAM08394	ODEON ST	ELM ST	BLANCA AL	25	126.79	AC	650	83	SATISFACTORY	Y	
HAM08417	ODEON ST	THUBER AL	CENTRAL PKWY	25	132.30	AC	560	93	GOOD	Y	
HAM04774	ODIN AV	COLERIDGE AV	TERM E OF COLERIDGE AV	25	658.37	AC	620	41	POOR	Y	
HAM04776	ODIN AV	HEDGE AV	PLAINFIELD RD	22	966.55	AC	327	73	SATISFACTORY	Y	
HAM04772	ODIN AV	RED BANK RD	HEDGE AV	21	922.53	AC	612	77	SATISFACTORY	Y	
HAM19923	OHIO AV	CONKLIN ST	WARNER ST	31	145.89	AC	364	53	POOR	Y	
HAM08468	OHIO AV	KIRK AL	VAN LEAR ST	28	536.79	AC	650	81	SATISFACTORY	Y	
HAM31210	OHIO AV	LYON ST	W MCMILLAN ST	30	304.36	AC	556	57	FAIR	Y	
HAM20068	OHIO AV	PARK DR	PARKER ST	30	315.44	AC	496	34	VERY POOR	Y	
HAM19924	OHIO AV	PARKER ST	CONKLIN ST	30	327.70	AC	650	68	FAIR	Y	
HAM20070	OHIO AV	TERM S OF PARK DR	PARK DR	27	508.20	AC	650	55	POOR	Y	
HAM53441	OHIO AV	TERM SW OF W CLIFTON AV	W CLIFTON AV	3	177.76		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM53326	OHIO AV	VAN LEAR ST	TERM NW OF VAN LEAR ST	4	225.78		-1	-1		N	BOOTS ON THE GROUND / STAIRCASE
HAM08490	OHIO AV	W MCMICKEN AV	TERM NE OF W MCMICKEN AV	30	170.06	AC	650	54	POOR	Y	
HAM21478	OHIO AV	W MCMILLAN ST	CALHOUN ST	36	240.83	AC	650	31	VERY POOR	Y	
HAM19922	OHIO AV	WARNER ST	LYON ST	31	876.97	AC	625	62	FAIR	Y	
HAM40978	OLD CORBLY AV	OLD SUTTON AV	SUTTON AV	23	184.95	AC	650	61	FAIR	Y	
HAM38645	OLD COURT ST	TERM E OF JOHN ST	JOHN ST	35	381.20	AC	650	23	SERIOUS	Y	
HAM21831	OLD LUDLOW AV	DUNORE RD	LUDLOW AV	40	340.25	AC	522	40	VERY POOR	Y	
HAM21828	OLD LUDLOW AV	LUDLOW AV	PRIVATE ST	41	569.86	AC	590	38	VERY POOR	Y	
HAM21827	OLD LUDLOW AV	PRIVATE ST	DUNORE RD	38	171.79	AC	650	37	VERY POOR	Y	
HAM21847	OLD LUDLOW AV	TERM S OF LAFAYETTE AV	LAFAYETTE AV	39	799.50	AC	604	36	VERY POOR	Y	
HAM07341	OLD LUDLOW AV	WILLIAM P DOOLEY BYPS	HOFFNER ST	38	388.41	AC	650	64	FAIR	Y	PARTIALLY ONE WAY
HAM39264	OLD MCMILLAN ST	W MCMILLAN ST	TERM W OF FAIRVIEW AV	13	510.61	AC	650	36	VERY POOR	Y	
HAM10908	OLD RED BANK RD	TERM S OF	WOODLAND RD	19	840.18	AC	469	53	POOR	Y	
HAM39464	OLD RED BANK RD	WOODLAND RD	TERM N OF WOODLAND RD	19	408.73	AC	645	63	FAIR	Y	
HAM40981	OLD SUTTON AV	SUTTON AV	OLD CORBLY AV	22	147.90	AC	650	41	POOR	Y	
HAM39095	OLD TIMBER PL	TRAILWOOD DR	TERM SE OF TRAILWOOD DR	26	403.89	AC	650	71	SATISFACTORY	Y	
HAM01935	OLIVE AV	WIEMAN AV	ST LAWRENCE AV	29	745.23	AC	574	84	SATISFACTORY	Y	
HAM08294	OLIVER ST	BARD AL	JOHN ST	25	131.48	AC	650	41	POOR	Y	
HAM10754	OLIVER ST	CENTRAL AV	KUHFERS AL	24	132.47	AC	650	42	POOR	Y	
HAM08293	OLIVER ST	JOHN ST	SNYDER AL	27	134.71	AC	650	69	FAIR	Y	
HAM10753	OLIVER ST	KUHFERS AL	BARD AL	24	210.15	AC	260	54	POOR	Y	
HAM08317	OLIVER ST	SNYDER AL	LINN ST	26	692.26	AC	443	63	FAIR	Y	
HAM02412	OLIVIA LN	LORETTA AV	GLENWAY AV	24	935.42	AC	489	89	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM09234	OMAR PL	LAMBERT PL	GLENGYLE AV	24	250.12	AC	243	90	GOOD	Y	
HAM38103	OMEARA PL	TERM S OF WOODFORD RD	WOODFORD RD	23	691.04	AC	565	80	SATISFACTORY	Y	
HAM09535	OMENA PL	LORETTA AV	GLENWAY AV	30	732.36	AC	580	36	VERY POOR	Y	
HAM38873	OMENA PL	TERM S OF LORETTA AV	LORETTA AV	33	138.65	AC	650	67	FAIR	Y	UNCOLLECTED PORTION DOES NOT EXIST
HAM10327	ONONDAGO AV	DAVENANT AV	RED BANK RD	30	448.71	AC	471	94	GOOD	Y	
HAM33626	ONONTA AV	GOLDEN AV	ONONTA AV	15	257.02	AC	650	26	VERY POOR	Y	
HAM38671	ONONTA AV	SENECA AV	TERM SE OF SENECA AV	19	488.96	AC	548	48	POOR	Y	
HAM20522	ORCHARD DR	ANDETP|CINC CORPLINE	SUTTON AV	17	220.61	AC	650	28	VERY POOR	Y	
HAM33928	ORCHARD LN	MONTGOMERY RD	PACE AV	30	1994.96	AC	502	78	SATISFACTORY	Y	
HAM11592	ORCHARD LN	PACE AV	WELTON ST	21	325.47	AC	363	45	POOR	Y	
HAM11566	ORCHARD LN	WELTON ST	CRESTVIEW AV	20	311.50	AC	650	48	POOR	Y	
HAM20130	ORCHARD ST	COGSWELL AL	SYCAMORE ST	30	125.69	AC	650	72	SATISFACTORY	Y	
HAM32130	ORCHARD ST	GOETZ AL	COGSWELL AL	30	197.62	AC	180	65	FAIR	Y	
HAM20177	ORCHARD ST	MAIN ST	GOETZ AL	30	128.51	AC	650	72	SATISFACTORY	Y	
HAM27769	OREGON ST	BAUM ST	MONASTERY ST	25	1801.97	AC	302	85	SATISFACTORY	Y	ONE WAY
HAM36372	ORIENT AV	TERM E OF W MITCHELL AV	W MITCHELL AV	24	1105.66	AC	487	80	SATISFACTORY	Y	
HAM12008	ORION AV	GRAND VISTA AV	DRYDEN AV	26	439.33	AC	366	85	SATISFACTORY	Y	
HAM33929	ORION AV	RIDGE AV	WOODMONT AV	25	860.14	AC	414	90	GOOD	Y	
HAM12006	ORION AV	WOODMONT AV	GRAND VISTA AV	25	641.77	AC	479	86	GOOD	Y	
HAM26475	ORKNEY AV	HARROW AV	MADISON PARK AV	25	260.79	AC	442	95	GOOD	Y	
HAM26476	ORKNEY AV	ORKNEY LN	HARROW AV	24	234.96	AC	650	95	GOOD	Y	
HAM14142	ORKNEY LN	RIDGE AV	ORKNEY AV	30	169.31	AC	650	70	FAIR	Y	
HAM02806	ORLAND AV	HARRISON AV	WESTKNOLLS LN	21	1618.61	AC	386	45	POOR	Y	
HAM02797	ORLAND AV	HESS AV	MOFFAT CT	24	192.37	AC	257	34	VERY POOR	Y	
HAM02817	ORLAND AV	MOFFAT CT	HARRISON AV	24	258.01	AC	650	34	VERY POOR	Y	
HAM02807	ORLAND AV	SHASTA PL	HESS AV	24	346.50	AC	303	40	VERY POOR	Y	
HAM38741	ORLAND AV	TERM S OF SHASTA PL	SHASTA PL	24	222.95	AC	650	38	VERY POOR	Y	
HAM06859	ORLANDO PL	OSGOOD ST	STEWART AV	26	279.29	AC	318	92	GOOD	Y	
HAM06861	ORLANDO PL	STEWART AV	ROE ST	25	347.56	AC	436	92	GOOD	Y	
HAM35471	ORLEANS CT	TERM SW OF KIRKLAND DR	KIRKLAND DR	24	910.58	AC	403	94	GOOD	Y	
HAM05438	ORMOND AV	HOWELL AV	LUDLOW AV	24	390.60	AC	568	81	SATISFACTORY	Y	ONE WAY
HAM16744	ORMOND AV	TERRACE AV	HOWELL AV	33	301.21	AC	650	67	FAIR	Y	
HAM19960	ORTIZ AL	VINE ST	CEYLON AL	20	137.43	BR	650	-1		Y	
HAM02327	OSAGE AV	ELBERON AV	MANSION AV	36	247.45	AC	650	41	POOR	Y	
HAM02325	OSAGE AV	MANSION AV	WOODLAWN AV	36	262.34	AC	650	55	POOR	Y	
HAM21687	OSBORN AL	W 14TH ST	W 15TH ST	8	427.63	BR	650	-1		Y	
HAM06868	OSGOOD ST	ORLANDO PL	COVINGTON AV	26	175.79	AC	650	16	SERIOUS	Y	
HAM39661	OSGOOD ST	TERM S OF ORLANDO PL	ORLANDO PL	27	186.99	AC	650	19	SERIOUS	Y	
HAM01691	OSWALD AL	HATMAKER ST	PARDEE AL	13	148.36	AC	650	40	VERY POOR	Y	UNCOLLECTED PORTION CLOSED
HAM00322	OTTAWA ST	BEREA ST	CIST ST	13	483.02	AC	552	95	GOOD	Y	
HAM35966	OTTAWA ST	TERM S OF RAPID RUN RD	RAPID RUN RD	10	565.83	AC	650	22	SERIOUS	Y	
HAM01855	OTTE AV	HAMILTON AV	INNES AV	22	561.44	AC	650	86	GOOD	Y	
HAM02172	OTTE AV	INNES AV	ANTHONY AV	24	347.49	AC	408	84	SATISFACTORY	Y	
HAM12745	OUTLOOK AV	ZIEGLE AV	VICTORIA AV	29	718.31	AC	425	70	FAIR	Y	
HAM11096	OVER LN	CATALPA RD	NEW ST	10	384.25	AC	650	93	GOOD	Y	
HAM35925	OVER LN	CATALPA RD	TERM N OF CATALPA RD	10	223.15	AC	650	86	GOOD	Y	
HAM35928	OVER LN	OVERCLIFF RD	TERM S OF OVERCLIFF RD	9	579.01	AC	535	93	GOOD	Y	
HAM35929	OVER LN	TERM SE OF NEW ST	NEW ST	11	145.04	AC	637	93	GOOD	Y	
HAM39671	OVERBROOK PL	TERM S OF DUCK CREEK RD	DUCK CREEK RD	15	338.90	AC	570	45	POOR	Y	
HAM35967	OVERCLIFF RD	CATALPA RD	TERM N OF CATALPA RD	10	349.49	AC	348	88	GOOD	Y	
HAM11085	OVERCLIFF RD	GRACELY DR	OVER LN	19	351.31	AC	650	95	GOOD	Y	
HAM11084	OVERCLIFF RD	OVER LN	FERNBANK AV	19	242.12	AC	561	93	GOOD	Y	
HAM09123	OVERLAND AV	GRANDIN RD	MCGUFFEY AV	17	311.18	AC	650	49	POOR	Y	
HAM34273	OVERLAND AV	MCGUFFEY AV	KROGER AV	14	266.29	AC	650	69	FAIR	Y	
HAM03324	OVERLOOK AV	CARNATION AV	W 8TH ST	24	568.51	AC	650	30	VERY POOR	Y	
HAM02583	OVERLOOK AV	DALE AV	HIGHRIDGE AV	36	307.66	AC	178	31	VERY POOR	Y	
HAM02582	OVERLOOK AV	HIGHRIDGE AV	ZULA AV	36	333.99	AC	204	29	VERY POOR	Y	
HAM03354	OVERLOOK AV	PEDRETTI AV	CARNATION AV	24	766.03	AC	639	35	VERY POOR	Y	
HAM01942	OVERLOOK AV	RAPID RUN RD	DALE AV	37	324.93	AC	570	39	VERY POOR	Y	
HAM01945	OVERLOOK AV	ROTH AV	RAPID RUN RD	37	371.43	AC	359	36	VERY POOR	Y	
HAM37985	OVERLOOK AV	TERM SE OF PEDRETTI AV	PEDRETTI AV	24	622.20	AC	650	36	VERY POOR	Y	
HAM03323	OVERLOOK AV	W 8TH ST	ROTH AV	37	420.30	AC	319	34	VERY POOR	Y	
HAM02580	OVERLOOK AV	ZULA AV	GLENWAY AV	36	1399.37	AC	289	30	VERY POOR	Y	
HAM00584	OWASCO ST	ALPHA ST	DAHLGREN ST	20	313.80	AC	254	78	SATISFACTORY	Y	
HAM00586	OWASCO ST	CHANDLER ST	CORNISH ST	20	539.07	AC	379	82	SATISFACTORY	Y	
HAM00585	OWASCO ST	CORNISH ST	ALPHA ST	20	207.58	AC	650	71	SATISFACTORY	Y	
HAM14336	OXFORD AV	CAMPUS LN	PLYMOUTH AV	18	353.12	AC	650	44	POOR	Y	
HAM14771	OXFORD AV	CORBLY ST	PLAZA AV	23	566.48	AC	426	57	FAIR	Y	
HAM14753	OXFORD AV	PLAZA AV	CRESTVIEW PL	16	574.57	AC	401	42	POOR	Y	
HAM14772	OXFORD AV	PLYMOUTH AV	TOM ROTH PL	21	182.01	AC	560	52	POOR	Y	
HAM14773	OXFORD AV	TOM ROTH PL	CORBLY ST	19	264.52	AC	576	78	SATISFACTORY	Y	
HAM34718	OXFORD TER	HOSEA AV	BROOKLINE AV	28	578.33	AC	629	88	GOOD	Y	
HAM17788	OXLEY ST	ANTHONY WAYNE AV	TUSKEGEE LN	22	142.06	AC	650	60	FAIR	Y	
HAM17792	OXLEY ST	DIXIE AV	MUSCOGEE ST	22	98.33	AC	650	92	GOOD	Y	
HAM17789	OXLEY ST	TUSKEGEE LN	DIXIE AV	24	137.91	AC	650	46	POOR	Y	
HAM11555	PACE AV	BANTRY AV	WITHANY AV	30	266.68	AC	320	45	POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM11590	PACE AV	ORCHARD LN	BANTRY AV	30	516.28	AC	298	95	GOOD	Y	
HAM35953	PACE AV	WITHANY AV	TERM E OF WITHANY AV	32	126.57	AC	650	41	POOR	Y	
HAM14719	PADDISON RD	ANDETP|CINC CORPLINE	ANDETP|CINC CORPLINE	20	382.58	AC	223	75	SATISFACTORY	Y	
HAM14677	PADDISON RD	BERKSHIRE RD	ANDETP|CINC CORPLINE	22	90.03	AC	650	70	FAIR	Y	
HAM38392	PADDOCK HILLS AV	PADDOCK HILLS DR	TERM E OF PADDOCK HILLS DR	24	352.95	AC	369	85	SATISFACTORY	Y	
HAM12528	PADDOCK HILLS AV	PADDOCK LN	PADDOCK HILLS DR	25	817.73	AC	456	87	GOOD	Y	
HAM11911	PADDOCK HILLS AV	PADDOCK RD	PADDOCK LN	27	224.90	AC	650	80	SATISFACTORY	Y	
HAM12715	PADDOCK HILLS DR	AVON DR	WESTMINSTER DR	22	309.58	AC	533	95	GOOD	Y	
HAM12527	PADDOCK HILLS DR	PADDOCK HILLS AV	AVON DR	21	325.80	AC	528	95	GOOD	Y	
HAM19281	PADDOCK RD	BARRY LN	ROSE HILL LN	44	583.64	AC	418	54	POOR	Y	
HAM40521	PADDOCK RD	CALIFORNIA AV	MONOQUE AL	43	145.58	AC	277	42	POOR	Y	
HAM19354	PADDOCK RD	CAROLINA AV	CALIFORNIA AV	44	279.67	AC	458	42	POOR	Y	
HAM19292	PADDOCK RD	CLEARBROOK DR	EGAN CT	44	411.87	AC	468	63	FAIR	Y	
HAM27065	PADDOCK RD	E SEYMOUR AV	SUMMIT RD	91	484.88	AC	223	59	FAIR	Y	
HAM39694	PADDOCK RD	EDISON DR	E SEYMOUR AV	65	1228.79	AC	233	65	FAIR	Y	
HAM19291	PADDOCK RD	EGAN CT	TENNESSEE AV	44	520.19	AC	387	59	FAIR	Y	
HAM19253	PADDOCK RD	EGAN HILLS DR	PADDOCK HILLS AV	44	256.05	AC	303	49	POOR	Y	
HAM00059	PADDOCK RD	ELM PARK DR	TOWANDA TER	44	486.82	AC	236	65	FAIR	Y	
HAM30068	PADDOCK RD	FRANKLIN AV	CAROLINA AV	44	262.31	AC	380	34	VERY POOR	Y	
HAM40519	PADDOCK RD	HAFER AL	LAIDLAW AV	44	140.88	AC	650	47	POOR	Y	
HAM19352	PADDOCK RD	LAIDLAW AV	RYLAND AV	45	278.29	AC	359	53	POOR	Y	
HAM19294	PADDOCK RD	LOIS DR	TOWNE ST	42	790.35	AC	319	50	POOR	Y	
HAM40522	PADDOCK RD	MONOQUE AL	REGENT AV	43	146.96	AC	212	44	POOR	Y	
HAM19296	PADDOCK RD	OBERLIN BLVD	LOIS DR	45	213.35	AC	295	47	POOR	Y	
HAM53347	PADDOCK RD	PADDOCK RD TO I-75 SB EXWY RAMP	POPLAR LN	86	577.83	AC	183	73	SATISFACTORY	Y	
HAM29778	PADDOCK RD	POPLAR LN	VINE ST	55	547.52	AC	650	93	GOOD	Y	
HAM40518	PADDOCK RD	REGENT AV	HAFER AL	44	150.97	AC	453	43	POOR	Y	
HAM35264	PADDOCK RD	REGINA GRAETER WY	EDISON DR	62	286.97	AC	195	58	FAIR	Y	
HAM19252	PADDOCK RD	ROSE HILL LN	STRATFORD PL	44	250.65	AC	336	44	POOR	Y	
HAM19298	PADDOCK RD	ROSSMORE AV	OBERLIN BLVD	44	228.69	AC	307	49	POOR	Y	
HAM19300	PADDOCK RD	RYLAND AV	ROSSMORE AV	44	234.37	AC	388	44	POOR	Y	
HAM30076	PADDOCK RD	SR 562 EB TO PADDOCK RD RAMP	SR 562 WB TO PADDOCK RD RAMP	71	241.21	AC	650	62	FAIR	Y	
HAM30070	PADDOCK RD	SR 562 WB TO PADDOCK RD RAMP	FRANKLIN AV	93	218.38	AC	650	54	POOR	Y	
HAM19254	PADDOCK RD	STRATFORD PL	EGAN HILLS DR	44	2096.94	AC	283	36	VERY POOR	Y	
HAM29821	PADDOCK RD	SUMMIT RD	PADDOCK RD TO I-75 SB EXWY RAMP	113	531.77	AC	593	65	FAIR	Y	
HAM30071	PADDOCK RD	TENNESSEE AV	SR 562 EB TO PADDOCK RD RAMP	44	1767.16	AC	416	56	FAIR	Y	
HAM35282	PADDOCK RD	TOWANDA TER	REGINA GRAETER WY	44	951.64	AC	219	57	FAIR	Y	
HAM19295	PADDOCK RD	TOWNE ST	ELM PARK DR	42	332.77	AC	309	58	FAIR	Y	
HAM29817	PADDOCK RD TO I-75 SB EXWY RAMP	PADDOCK RD	I-75 SB EXWY RAMP	32	1678.60	AC	144	93	GOOD	Y	ONE WAY
HAM30066	PADDOCK RD TO SR 562 EB RAMP	PADDOCK RD	SR 562 EB RAMP	27	1069.13	AC	179	75	SATISFACTORY	Y	ONE WAY
HAM30059	PADDOCK RD TO SR 562 WB RAMP	PADDOCK RD	SR 562 WB RAMP	27	931.22	AC	187	80	SATISFACTORY	Y	ONE WAY
HAM05364	PAGE ST	BABB AL	RIVERSIDE DR	23	136.86	AC	650	94	GOOD	Y	
HAM36351	PALISADES PTE	TERM S OF TERM N OF	TERM N OF	24	771.54	AC	614	75	SATISFACTORY	Y	
HAM07242	PALM AV	HAMILTON AV	APPLE ST	28	417.82	AC	650	57	FAIR	Y	
HAM10274	PALMETTO ST	BERWICK AV	GROVE AV	27	610.33	AC	550	47	POOR	Y	
HAM06660	PALMETTO ST	BLANEY AV	PLAINVILLE RD	25	851.73	AC	366	95	GOOD	Y	
HAM06659	PALMETTO ST	KENMORE AV	BERWICK AV	29	715.64	AC	303	70	FAIR	Y	
HAM06632	PALMETTO ST	MARIETTA ST	BLANEY AV	27	545.09	AC	650	95	GOOD	Y	
HAM06658	PALMETTO ST	PLAINVILLE RD	KENMORE AV	27	602.50	AC	650	70	FAIR	Y	
HAM36716	PALMETTO ST	TERM W OF MARIETTA ST	MARIETTA ST	19	379.94	AC	650	95	GOOD	Y	
HAM38035	PALMWOOD CT	TERM SE OF EDWOOD AV	EDWOOD AV	22	315.08	AC	480	34	VERY POOR	Y	
HAM36756	PALOS ST	TERM E OF ROSEMONT AV	ROSEMONT AV	24	920.69	AC	562	85	SATISFACTORY	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM37427	PAMELEEN CT	TERM SE OF PAMELEEN CT SPLIT	CINC|COLETP CORPLINE	24	628.38	AC	539	37	VERY POOR	Y	
HAM05572	PANA AL	SEDALIA AL	GILBERT AV	9	112.53		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM06199	PANAMA ST	KENWOOD AV	ROHDE AV	16	430.68	AC	246	95	GOOD	Y	
HAM06198	PANAMA ST	RENSLAR AV	KENWOOD AV	15	431.40	AC	328	91	GOOD	Y	
HAM06200	PANAMA ST	ROHDE AV	ELDORADO AV	15	553.55	AC	442	95	GOOD	Y	
HAM08602	PANCOAST AL	ALDEN AL	E 9TH ST	11	174.41	BR	650	-1		Y	ONE WAY
HAM08603	PANCOAST AL	E 8TH ST	ALDEN AL	10	175.10	BR	650	-1		Y	ONE WAY
HAM08626	PANCOAST AL	E 9TH ST	E COURT ST	14	226.05	AC	650	58	FAIR	Y	
HAM08611	PANCOAST AL	WHETSTONE AL	E 8TH ST	7	175.80		-1	-1		N	BLOCKED BY VEHICLES
HAM02993	PANCOAST AV	WOODROW AV	RAVOGLI AV	18	869.40	AC	604	59	FAIR	Y	
HAM12213	PANDORA AV	ASHWOOD DR	ASHWOOD DR	24	612.07	AC	307	57	FAIR	Y	
HAM12224	PANDORA AV	ASHWOOD DR	NORHAM AV	25	437.72	AC	650	69	FAIR	Y	
HAM12226	PANDORA AV	NORHAM AV	WOODFORD RD	24	1114.57	AC	361	74	SATISFACTORY	Y	
HAM35556	PANORAMA CT	ROEBLING RD	TERM N OF ROEBLING RD	24	328.91	AC	650	87	GOOD	Y	
HAM38988	PANTHER CT	TERM S OF GLENWAY AV	GLENWAY AV	23	447.27	AC	650	62	FAIR	Y	
HAM39153	PANZECA WY	TERM W OF EDEN AV	EDEN AV	32	353.11	AC	650	54	POOR	Y	
HAM35856	PAPE AV	BELLECREST AV	TERM E OF BELLECREST AV	27	105.86	AC	650	72	SATISFACTORY	Y	
HAM09401	PAPE AV	BRENTWOOD AV	BELLECREST AV	25	473.88	AC	295	42	POOR	Y	
HAM09374	PAPE AV	HERSCHEL VIEW PL	PINEHURST AV	26	499.35	AC	650	42	POOR	Y	
HAM09400	PAPE AV	PINEHURST AV	BRENTWOOD AV	26	477.86	AC	650	47	POOR	Y	
HAM27030	PARA DR	META DR	LAIDLAW AV	35	1155.30	AC	404	70	FAIR	Y	
HAM40485	PARA DR	TERM S OF META DR	META DR	35	217.76	AC	451	68	FAIR	Y	
HAM26151	PARADROME ST	CARNEY ST	MARTIN DR	23	609.94	AC	650	47	POOR	Y	ONE WAY
HAM26166	PARADROME ST	IDA ST	WAREHAM DR	30	281.23	AC	650	36	VERY POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM26156	PARADROME ST	LOUDEN ST	CARNEY ST	24	609.76	AC	465	60	FAIR	Y	ONE WAY
HAM26158	PARADROME ST	WAREHAM DR	LOUDEN ST	30	263.74	AC	650	64	FAIR	Y	
HAM08743	PARDEE AL	BURNS ST	DEPOT ST	12	282.97	AC	650	27	VERY POOR	Y	ONE WAY
HAM08742	PARDEE AL	DEPOT ST	OSWALD AL	15	314.11	AC	650	33	VERY POOR	Y	ONE WAY
HAM01672	PARDEE AL	OSWALD AL	STATE AV	14	118.77	AC	650	43	POOR	Y	ONE WAY
HAM07883	PARIS ST	KINSEY AV	E MCMILLAN ST	30	561.99	AC	650	67	FAIR	Y	
HAM21586	PARK AV	CHAPEL ST	LINCOLN AV	29	399.46	AC	487	71	SATISFACTORY	Y	
HAM05663	PARK AV	CROSS LN	E MCMILLAN ST	36	345.92	AC	345	77	SATISFACTORY	Y	
HAM06018	PARK AV	E MCMILLAN ST	WILLIAM H TAFT RD	30	560.94	AC	596	72	SATISFACTORY	Y	
HAM05664	PARK AV	FRANCIS LN	CROSS LN	36	694.94	AC	236	74	SATISFACTORY	Y	
HAM05661	PARK AV	LAKES DR	VICTORY PKWY	41	579.59	PCC	348	99	GOOD	Y	
HAM21590	PARK AV	LINCOLN AV	FORAKER AV	26	265.35	AC	451	49	POOR	Y	
HAM21589	PARK AV	MYRTLE AV	CHAPEL ST	30	498.27	AC	460	44	POOR	Y	
HAM05666	PARK AV	VICTORY PKWY	WINDSOR ST	36	670.64	AC	587	83	SATISFACTORY	Y	
HAM21588	PARK AV	WILLIAM H TAFT RD	YALE AV	29	606.96	AC	650	93	GOOD	Y	
HAM05665	PARK AV	WINDSOR ST	FRANCIS LN	36	306.92	AC	650	36	VERY POOR	Y	
HAM21587	PARK AV	YALE AV	MYRTLE AV	30	290.79	AC	638	73	SATISFACTORY	Y	
HAM15684	PARKCREST LN	CINC|GREETP CORPLINE	CINC|GREETP CORPLINE	37	213.13	AC	214	95	GOOD	Y	
HAM15685	PARKCREST LN	CINC|GREETP CORPLINE	SCHWARTZE AV	36	838.61	AC	512	93	GOOD	Y	
HAM15517	PARKCREST LN	FIELDCREST DR	CHEV|CINC CORPLINE	36	154.94	AC	397	44	POOR	Y	
HAM15683	PARKCREST LN	GLENWAY AV	CINC|GREETP CORPLINE	37	199.77	AC	389	94	GOOD	Y	
HAM15570	PARKCREST LN	JANLIN CT	FIELDCREST DR	36	310.09	AC	364	38	VERY POOR	Y	
HAM15562	PARKCREST LN	SCHWARTZE AV	JANLIN CT	39	148.98	AC	170	77	SATISFACTORY	Y	
HAM19521	PARKDALE AV	BEAVERTON AV	CORVALLIS AV	21	318.69	AC	206	43	POOR	Y	
HAM19520	PARKDALE AV	CORVALLIS AV	SHENANDOAH AV	20	311.72	AC	493	70	FAIR	Y	
HAM19501	PARKDALE AV	LAKELAND AV	ROSECLIFF AV	21	164.66	AC	258	59	FAIR	Y	
HAM19505	PARKDALE AV	ROBINWOOD AV	LAKELAND AV	21	322.16	AC	515	41	POOR	Y	
HAM19498	PARKDALE AV	ROSECLIFF AV	BEAVERTON AV	21	151.06	AC	270	48	POOR	Y	
HAM19518	PARKDALE AV	SHENANDOAH AV	SECTION RD	21	344.33	AC	591	73	SATISFACTORY	Y	
HAM18221	PARKER PL	WEDGEWOOD AV	E MITCHELL AV	26	705.83	AC	589	52	POOR	Y	
HAM20067	PARKER ST	EUREKA TER	OHIO AV	24	299.09	AC	650	93	GOOD	Y	
HAM20075	PARKER ST	OHIO AV	SAUER AV	30	535.87	AC	650	40	VERY POOR	Y	
HAM20074	PARKER ST	SAUER AV	CLIFTON AV	30	233.50	AC	650	36	VERY POOR	Y	
HAM37488	PARKHURST CT	BLUESPRUCE LN	TERM W OF BLUESPRUCE LN	25	531.28	AC	613	50	POOR	Y	
HAM11117	PARKLAND AV	CHEROKEE AV	INDIAN LN	29	435.59	AC	487	73	SATISFACTORY	Y	
HAM11122	PARKLAND AV	ELCO ST	LURLINE PL	29	374.88	AC	480	50	POOR	Y	
HAM11113	PARKLAND AV	INDIAN LN	LAURA LN	29	200.33	AC	650	80	SATISFACTORY	Y	
HAM00214	PARKLAND AV	IVANHOE AV	TWAIN AV	36	407.72	AC	553	76	SATISFACTORY	Y	
HAM11120	PARKLAND AV	LURLINE PL	CHEROKEE AV	30	384.15	AC	472	52	POOR	Y	
HAM00202	PARKLAND AV	MONITOR AV	THELMA AV	36	411.16	AC	458	50	POOR	Y	
HAM37139	PARKLAND AV	TERM S OF IVANHOE AV	IVANHOE AV	24	148.46	AC	650	40	VERY POOR	Y	
HAM11125	PARKLAND AV	THELMA AV	ELCO ST	36	384.53	AC	532	48	POOR	Y	
HAM00211	PARKLAND AV	TWAIN AV	VERE AL	36	223.38	AC	650	62	FAIR	Y	
HAM00204	PARKLAND AV	VERE AL	MONITOR AV	36	155.05	AC	650	67	FAIR	Y	
HAM39178	PARKLINE AV	BRENTWOOD AV	TERM E OF BRENTWOOD AV	18	578.20	AC	498	34	VERY POOR	Y	
HAM09402	PARKLINE AV	PINEHURST AV	BRENTWOOD AV	17	467.38	AC	589	39	VERY POOR	Y	
HAM33932	PARKMAN PL	GRAND VISTA AV	BEREDITH PL	24	686.26	AC	480	32	VERY POOR	Y	
HAM34326	PARKRIDGE PL	GRIEST AV	OBSERVATORY AV	21	1043.65	AC	495	78	SATISFACTORY	Y	
HAM38879	PARKSIDE CT	GLENWAY AV	TERM N OF GLENWAY AV	24	511.11	AC	650	36	VERY POOR	Y	
HAM26150	PARKSIDE PL	CARNEY ST	MARTIN DR	37	577.39	AC	283	56	FAIR	Y	
HAM26164	PARKSIDE PL	LOUDEN ST	CARNEY ST	37	615.56	AC	252	46	POOR	Y	
HAM39217	PARKSON PL	WARSAW AV	TERM N OF WARSAW AV	30	569.18	AC	650	40	VERY POOR	Y	
HAM12070	PARKVIEW AV	BEACRAFT AV	RIDGE AV	21	885.98	AC	496	53	POOR	Y	
HAM12071	PARKVIEW AV	LESTER RD	BEACRAFT AV	25	320.36	AC	650	43	POOR	Y	
HAM58178	PARKVIEW CIR	TERM E OF DANIELS WALK	DANIELS WALK	30	118.78	AC	615	93	GOOD	Y	
HAM13006	PARKWAY AV	BURNS AV	MONON AV	30	135.40	AC	650	80	SATISFACTORY	Y	
HAM13005	PARKWAY AV	MONON AV	PARKWAY AV	29	512.56	AC	288	95	GOOD	Y	
HAM27072	PARKWAY AV	MYSTIC AV	ANTHONY WAYNE AV	22	497.30	AC	427	93	GOOD	Y	
HAM07819	PARKWAY AV	PARKWAY AV	WOODBINE AV	20	293.61	AC	425	95	GOOD	Y	ONE WAY
HAM07820	PARKWAY AV	PARKWAY AV	WOODBINE AV	24	274.88	AC	415	95	GOOD	Y	ONE WAY
HAM26802	PARKWAY AV	PARKWAY AV	MYSTIC AV	22	281.00	AC	539	91	GOOD	Y	
HAM26609	PARKWAY AV	VINE ST	BURNS AV	35	747.09	AC	416	93	GOOD	Y	
HAM26798	PARKWAY AV	WOODBINE AV	PARKWAY AV	24	287.86	AC	337	95	GOOD	Y	ONE WAY
HAM26803	PARKWAY AV	WOODBINE AV	PARKWAY AV	23	285.56	AC	650	95	GOOD	Y	ONE WAY
HAM38497	PARKWOOD PL	VINE ST	TERM W OF VINE ST	22	373.90	AC	650	95	GOOD	Y	
HAM14291	PARNELL AV	CAMBRIDGE AV	LOCKARD AV	12	299.33	AC	650	49	POOR	Y	
HAM35950	PARRY LN	BEREDITH PL	TERM N OF BEREDITH PL	23	228.19	AC	650	76	SATISFACTORY	Y	
HAM21698	PARVIS AL	W 14TH ST	W 15TH ST	9	423.50		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM32206	PARVIS AL	W 15TH ST	W LIBERTY ST	9	456.60		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM11866	PASADENA AV	HAMILTON AV	BELMONT AV	26	509.76	AC	605	77	SATISFACTORY	Y	
HAM39386	PATRICK DR	MICKEY AV	TERM N OF MICKEY AV	24	1156.94	AC	445	65	FAIR	Y	
HAM27438	PATTERSON ST	BANK ST	BELOIT AL	34	708.47	AC	520	75	SATISFACTORY	Y	
HAM11205	PATTERSON ST	BELOIT AL	HARRISON AV	33	143.64	AC	480	78	SATISFACTORY	Y	
HAM35496	PATTISON AV	BOWDITCH ST	TERM W OF PATTISON AV SPLIT	17	278.95	AC	580	95	GOOD	Y	
HAM02616	PATTISON AV	TYLER ST	BOWDITCH ST	16	459.82	AC	650	95	GOOD	Y	
HAM07784	PAUL ST	MADISON RD	TERM NW OF MADISON RD	24	423.23	AC	650	35	VERY POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM39633	PAULING PL	TERM S OF LESLIE AL	CUTS AL	20	148.69	PCC	650	79	SATISFACTORY	Y	ONE WAY
HAM08656	PAVILION ST	BELVEDERE ST	GUIDO ST	23	98.05	AC	650	61	FAIR	Y	ONE WAY
HAM08658	PAVILION ST	FULLER ST	CARNEY ST	24	86.64	AC	650	35	VERY POOR	Y	ONE WAY
HAM08657	PAVILION ST	GUIDO ST	FULLER ST	24	124.53	AC	650	37	VERY POOR	Y	ONE WAY
HAM18101	PAVILION ST	ST GREGORY ST	BELVEDERE ST	23	218.53	AC	455	51	POOR	Y	ONE WAY
HAM18100	PAVILION ST	ST PAUL PL	ST GREGORY ST	23	207.30	AC	650	28	VERY POOR	Y	
HAM16882	PAWNEE DR	CONNECTICUT AV	W NORTH BEND RD	24	1307.06	AC	353	54	POOR	Y	
HAM09245	PAXTON AV	ALPINE TER	KINMONT ST	27	375.06	AC	650	33	VERY POOR	Y	
HAM12791	PAXTON AV	BALLARD AV	MARBURG AV	31	998.04	AC	343	39	VERY POOR	Y	
HAM06542	PAXTON AV	CLUB VIEW DR	PAXTON WOODS DR	24	326.07	AC	650	33	VERY POOR	Y	
HAM09296	PAXTON AV	ERIE AV	ZIEGLE AV	36	537.25	AC	447	31	VERY POOR	Y	
HAM12751	PAXTON AV	FERDINAND PL	OAK PARK PL	52	1191.67	AC	327	50	POOR	Y	
HAM34263	PAXTON AV	GRIEST AV	OBSERVATORY AV	26	809.58	AC	650	55	POOR	Y	
HAM12729	PAXTON AV	ISABELLA AV	MT VERNON AV	52	412.61	AC	650	46	POOR	Y	
HAM06614	PAXTON AV	JORA LN	CLUB VIEW DR	36	248.96	AC	591	39	VERY POOR	Y	
HAM09261	PAXTON AV	KINMONT ST	PAXTON KNOLL LN	26	309.99	AC	312	34	VERY POOR	Y	
HAM09834	PAXTON AV	LINWOOD AV	GRIEST AV	27	516.75	AC	650	65	FAIR	Y	
HAM12789	PAXTON AV	MARBURG AV	SHEREL LN	37	377.74	AC	414	64	FAIR	Y	
HAM12747	PAXTON AV	MINTO AV	PORTSMOUTH AV	37	306.62	AC	294	38	VERY POOR	Y	
HAM12761	PAXTON AV	MT VERNON AV	FERDINAND PL	52	525.23	AC	251	48	POOR	Y	
HAM12173	PAXTON AV	OAK PARK PL	TAYLOR AV	30	551.01	AC	320	44	POOR	Y	
HAM09306	PAXTON AV	OBSERVATORY AV	ERIE AV	36	629.98	AC	439	37	VERY POOR	Y	
HAM09820	PAXTON AV	PAXTON KNOLL LN	PINERIDGE AV	26	353.88	AC	237	35	VERY POOR	Y	
HAM06539	PAXTON AV	PILLARS DR	JORA LN	37	249.81	AC	232	38	VERY POOR	Y	
HAM09835	PAXTON AV	PINERIDGE AV	LINWOOD AV	27	452.72	AC	650	29	VERY POOR	Y	
HAM12746	PAXTON AV	PORTSMOUTH AV	ISABELLA AV	46	247.79	AC	650	44	POOR	Y	
HAM10247	PAXTON AV	SHEREL LN	PILLARS DR	37	250.11	AC	549	36	VERY POOR	Y	
HAM12156	PAXTON AV	TAYLOR AV	BALLARD AV	30	395.36	AC	342	35	VERY POOR	Y	
HAM12748	PAXTON AV	VICTORIA AV	MINTO AV	36	241.95	AC	252	32	VERY POOR	Y	
HAM09389	PAXTON AV	ZIEGLE AV	VICTORIA AV	36	719.07	AC	282	33	VERY POOR	Y	
HAM38850	PAXTON KNOLL LN	PAXTON AV	TERM E OF PAXTON AV	19	296.05	AC	650	62	FAIR	Y	
HAM06541	PAXTON WOODS DR	PAXTON AV	PAXTON WOODS LN	25	595.12	AC	327	54	POOR	Y	
HAM38057	PAXTON WOODS DR	PAXTON WOODS LN	TERM NE OF PAXTON WOODS LN	24	360.57	AC	534	68	FAIR	Y	
HAM10570	PAXTON WOODS LN	PAXTON WOODS DR	BROTHERTON RD	24	511.18	AC	650	46	POOR	Y	
HAM00492	PEABODY AV	EBERSOLE AV	RAVENNA ST	28	276.18	AC	342	92	GOOD	Y	
HAM06860	PEABODY AV	ORLANDO PL	EBERSOLE AV	29	553.19	AC	342	72	SATISFACTORY	Y	
HAM00549	PEABODY AV	RAVENNA ST	WHETSEL AV	27	351.74	AC	476	52	POOR	Y	
HAM25947	PEALE AL	W 9TH ST	RICHMOND ST	10	173.24		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM37999	PEARTON CT	GRAYVIEW CT	TERM N OF GRAYVIEW CT	50	150.40	AC	650	57	FAIR	Y	
HAM01976	PEARTON CT	GROESBECK RD	GRAYVIEW CT	24	764.18	AC	400	51	POOR	Y	
HAM00865	PEASLEE AV	WITTEKIND TER	CARY AV	23	631.07	AC	633	45	POOR	Y	
HAM38464	PECK AL	TERM SE OF HAMBURG ST	HAMBURG ST	9	119.65		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM03374	PEDRETTI AV	CARNATION AV	W 8TH ST	35	561.54	AC	369	55	POOR	Y	
HAM03384	PEDRETTI AV	FOLEY RD	OVERLOOK AV	35	891.34	AC	650	43	POOR	Y	
HAM03372	PEDRETTI AV	OVERLOOK AV	CARNATION AV	34	361.07	AC	247	47	POOR	Y	
HAM35534	PEDRETTI AV	TERM W OF TERM E OF	TERM E OF	17	592.44	AC	650	33	VERY POOR	Y	
HAM03373	PEDRETTI AV	W 8TH ST	RAPID RUN RD	24	812.80	AC	650	40	VERY POOR	Y	
HAM01735	PEERLESS ST	GLENWAY AV	WARSAW AV	3	288.79		-1	-1		N	DOES NOT EXIST
HAM08494	PEETE AL	VINE ST	PEETE ST	4	260.82		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM20189	PEETE ST	ANTIQUE ST	MAIN ST	18	122.52	AC	650	52	POOR	Y	
HAM05638	PEETE ST	FRINTZ ST	SHARP AL	14	334.47	AC	425	63	FAIR	Y	
HAM20188	PEETE ST	LANG ST	ANTIQUE ST	19	338.83	AC	428	51	POOR	Y	ONE WAY
HAM20228	PEETE ST	SHARP AL	LANG ST	16	330.44	AC	650	86	GOOD	Y	
HAM32237	PEETE ST	TERM NW OF FRINTZ ST	FRINTZ ST	15	804.14	AC	650	23	SERIOUS	Y	
HAM39131	PELHAM PL	TERM W OF NEWBEDFORD AV	NEWBEDFORD AV	25	320.84	AC	650	95	GOOD	Y	
HAM07395	PELL ST	GORDON ST	KIRBY AV	30	254.18	AC	650	60	FAIR	Y	
HAM09410	PEMBROKE AV	AMBERSON AV	BRENTWOOD AV	25	727.16	AC	399	94	GOOD	Y	
HAM25800	PENDERY AL	BALDWIN AL	RACE ST	8	128.50		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM25948	PENDERY AL	BRITT AL	ELM ST	7	126.47		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM25799	PENDERY AL	DOERR AL	BALDWIN AL	9	212.87		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM25936	PENDERY AL	IRA AL	BRITT AL	5	203.99		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM25801	PENDERY AL	RACE ST	IRA AL	8	130.51		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM25869	PENDERY AL	VINE ST	DOERR AL	8	131.98		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM20331	PENDLETON ST	ARTIST AL	DANDRIDGE ST	36	121.21	AC	223	78	SATISFACTORY	Y	
HAM20299	PENDLETON ST	BOLIVAR AL	E 13TH ST	35	119.99	AC	650	65	FAIR	Y	
HAM39653	PENDLETON ST	DANDRIDGE ST	TERM N OF DANDRIDGE ST	35	174.01	AC	650	69	FAIR	Y	
HAM26084	PENDLETON ST	DODT AL	E 12TH ST	35	201.69	AC	304	77	SATISFACTORY	Y	
HAM08696	PENDLETON ST	E 12TH ST	BOLIVAR AL	36	113.28	AC	417	80	SATISFACTORY	Y	
HAM20332	PENDLETON ST	E 13TH ST	ARTIST AL	35	134.30	AC	650	73	SATISFACTORY	Y	
HAM27815	PENDLETON ST	READING RD	DODT AL	36	141.83	AC	650	89	GOOD	Y	
HAM30257	PENN AV	CLOVER ST	KELLOGG AV	24	1455.68	AC	334	95	GOOD	Y	
HAM36689	PENN AV	TERM SW OF CLOVER ST	CLOVER ST	13	171.68	AC	650	95	GOOD	Y	UNCOLLECTED PORTION BLOCKED BY GATE
HAM14460	PENNSYLVANIA AV	MORSE ST	WINTER ST	24	623.56	AC	439	79	SATISFACTORY	Y	
HAM14485	PENNSYLVANIA AV	WILLOW ST	TURPIN ST	14	353.14		-1	-1		N	BLOCKED BY GATE
HAM36747	PENNSYLVANIA AV	WINTER ST	TERM SE OF WINTER ST	23	143.92	AC	650	44	POOR	Y	
HAM15481	PENROSE PL	BOUDINOT AV	CHEVIOT AV	25	949.04	AC	505	57	FAIR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM38968	PENROSE PL	TERM E OF BOUDINOT AV	BOUDINOT AV	25	638.70	AC	524	95	GOOD	Y	
HAM09735	PERCY AV	GATE ST	TERM N OF GATE ST	20	758.72	AC	650	49	POOR	Y	
HAM38907	PERIGNON PL	TERM NW OF STANLEY AV	STANLEY AV	21	348.36	AC	650	85	SATISFACTORY	Y	
HAM26240	PERKINS AV	RIDGEWAY AV	BLAIR AV	30	498.37	AC	650	44	POOR	Y	
HAM06441	PERKINS LN	EASTSIDE AV	EDWARDS RD	30	251.79	AC	650	67	FAIR	Y	
HAM06440	PERKINS LN	STETTINIUS AV	WESTSIDE AV	25	892.00	AC	627	79	SATISFACTORY	Y	
HAM06439	PERKINS LN	WESTSIDE AV	EASTSIDE AV	30	301.07	AC	440	56	FAIR	Y	
HAM27641	PERRY ST	PLUM ST	CENTRAL AV	21	451.34	AC	650	74	SATISFACTORY	Y	ONE WAY
HAM38970	PERSHING CT	CORAL PARK DR	TERM W OF CORAL PARK DR	25	436.77	AC	650	48	POOR	Y	
HAM40503	PERTH LN	WESTMINSTER DR	TERM N OF WESTMINSTER DR	21	396.52	AC	650	84	SATISFACTORY	Y	
HAM30747	PERU DR	PINECONE LN	JONES ST	16	251.30	AC	650	79	SATISFACTORY	Y	
HAM56651	PFAFF AL	MCCULLOUGH ST	TERM SE OF MCCULLOUGH ST	30	128.34	AC	650	94	GOOD	Y	
HAM33400	PFAU LN	MARLEY ST	W GALBRAITH RD	19	188.72	AC	650	63	FAIR	Y	
HAM64917	PFAU LN	W GALBRAITH RD TO PFAU LN RAMP	MARLEY ST	39	129.89	AC	452	58	FAIR	Y	
HAM12379	PHANTOM AV	ANDINA AV	GARDEN LN	21	262.99	AC	650	72	SATISFACTORY	Y	
HAM23907	PHANTOM AV	AVONLEA AV	NORTHCUTT AV	3	347.64	AC	650	22	SERIOUS	Y	UNCOLLECTED PORTION PEDESTRIAN PATHWAY / BOOTS ON THE GROUND
HAM23908	PHANTOM AV	BERKLEY AV	AVONLEA AV	18	336.08	AC	650	29	VERY POOR	Y	
HAM23922	PHANTOM AV	CATALINA AV	BERKLEY AV	18	341.01	AC	650	62	FAIR	Y	
HAM12373	PHANTOM AV	GARDEN LN	DALEWOOD PL	20	231.74	AC	650	38	VERY POOR	Y	
HAM23920	PHANTOM AV	LAWN AV	CATALINA AV	19	282.83	AC	650	56	FAIR	Y	
HAM02348	PHILLIPS AV	CONSIDINE AV	PURCELL AV	30	331.15	AC	586	46	POOR	Y	
HAM02352	PHILLIPS AV	GRAND AV	HAWTHORNE AV	30	331.63	AC	650	40	VERY POOR	Y	
HAM02350	PHILLIPS AV	HAWTHORNE AV	CONSIDINE AV	31	328.50	AC	650	42	POOR	Y	
HAM02346	PHILLIPS AV	PURCELL AV	ELBERON AV	30	414.90	AC	586	69	FAIR	Y	
HAM02430	PHILOMENA AV	INNES AV	ANTHONY AV	20	344.37	AC	650	94	GOOD	Y	
HAM15633	PHOENIX AV	BOUDINOT AV	CHEV|CINC CORPLINE	25	176.21	AC	650	75	SATISFACTORY	Y	
HAM61899	PHYLLIS LN	COLUMBIA TO CHURCH PL RAMP	BEECHMONT AV	20	234.10	PCC	348	98	GOOD	Y	
HAM61898	PHYLLIS LN	EASTERN AV	COLUMBIA EB PKWY TO BEECHMONT RAMP	20	764.57	AC	414	45	POOR	Y	ONE WAY
HAM02388	PICA ST	ELBERON AV	CRESTLINE AV	4	292.91		-1	-1		N	BOOTS ON THE GROUND / PEDESTRIAN PATHWAY
HAM03108	PICKBURY DR	CORAL PARK DR	MAYRIDGE CT	24	1079.52	AC	233	77	SATISFACTORY	Y	
HAM01802	PICKBURY DR	MAYRIDGE CT	HANNA AV	25	1238.39	AC	371	70	FAIR	Y	
HAM02714	PICKMEIER LN	S TERALTA CIR	N TERALTA CIR	25	339.30	AC	597	61	FAIR	Y	
HAM02719	PICKMEIER LN	ST LEO PL	S TERALTA CIR	23	367.21	AC	580	49	POOR	Y	
HAM33420	PIEDMONT AV	EDEN AV	RUTH LYONS WY	36	188.61	AC	650	85	SATISFACTORY	Y	
HAM05970	PIEDMONT AV	HIGHLAND AV	BURNET AV	37	420.02	AC	650	80	SATISFACTORY	Y	
HAM33425	PIEDMONT AV	MARIE BROWN AV	HIGHLAND AV	35	411.87	AC	650	86	GOOD	Y	
HAM33421	PIEDMONT AV	RUTH LYONS WY	MARIE BROWN AV	36	283.81	AC	599	77	SATISFACTORY	Y	
HAM27798	PIKE ST	E 3RD ST	LYTLE ST	29	215.78	AC	650	95	GOOD	Y	
HAM27790	PIKE ST	E 4TH ST	E 5TH ST	44	221.14	AC	598	96	GOOD	Y	ONE WAY
HAM27785	PIKE ST	LYTLE ST	E 4TH ST	30	148.30	AC	254	95	GOOD	Y	
HAM10571	PILLARS DR	PAXTON AV	FIELDING ST	25	974.74	AC	566	66	FAIR	Y	
HAM02914	PINCKNEY ST	TERM E OF SAFFIN AV	SAFFIN AV	15	105.38	AC	650	82	SATISFACTORY	Y	
HAM30752	PINECONE LN	BENT DR	WADE ST	14	96.00	AC	650	80	SATISFACTORY	Y	
HAM30878	PINECONE LN	BETTON ST	PERU DR	17	111.00	AC	650	64	FAIR	Y	
HAM30751	PINECONE LN	DAVID ST	BENT DR	12	109.00	AC	650	70	FAIR	Y	
HAM30882	PINECONE LN	DERRICK TURNBOW AV	LUKE DR	17	117.33	AC	650	73	SATISFACTORY	Y	
HAM53721	PINECONE LN	LUKE DR	DAVID ST	16	111.50	AC	650	70	FAIR	Y	
HAM30881	PINECONE LN	PERU DR	DERRICK TURNBOW AV	16	118.67	AC	650	77	SATISFACTORY	Y	
HAM30877	PINECONE LN	SPANNER DR	BETTON ST	18	379.92	AC	650	71	SATISFACTORY	Y	
HAM37349	PINEGROVE AV	ST CHARLES PL	TERM E OF ST CHARLES PL	24	334.91	AC	650	94	GOOD	Y	
HAM09293	PINEHURST AV	PAPE AV	ERIE AV	24	297.45	AC	650	36	VERY POOR	Y	
HAM09333	PINEHURST AV	PARKLINE AV	PAPE AV	3	310.84		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM09817	PINERIDGE AV	CRYER AV	LEAFTREE CT	24	427.45	AC	485	48	POOR	Y	
HAM34303	PINERIDGE AV	LEAFTREE CT	PAXTON AV	24	567.22	AC	537	48	POOR	Y	
HAM06686	PINERIDGE AV	MERIWEATHER AV	CRYER AV	24	725.80	AC	357	47	POOR	Y	
HAM08079	PINETREE ST	QUEEN CITY AV	TREMONT ST	25	385.04	AC	650	44	POOR	Y	
HAM08078	PINETREE ST	TREMONT ST	WAVERLY AV	24	242.67	AC	650	68	FAIR	Y	
HAM27463	PINK AL	CHARLOTTE ST	YORK ST	12	190.26		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM27462	PINK AL	FINDLAY ST	CHARLOTTE ST	13	197.32		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM08228	PINK AL	NAEHER ST	DAYTON ST	9	187.27		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM08227	PINK AL	YORK ST	NAEHER ST	8	186.65		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM39417	PIPE AL	TERM SW OF VANCE ST	VANCE ST	11	322.93		-1	-1		N	PRIVATE DRIVEWAY
HAM36949	PIQUA AV	CEDAR AV	TERM NE OF CEDAR AV	27	449.34	AC	615	95	GOOD	Y	
HAM31212	PITT AL	CEYLON AL	W MCMILLAN ST	9	279.34		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM19955	PITT AL	VINE ST	CEYLON AL	10	167.82		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM07347	PITTS AV	CHASE AV	ELLA ST	24	259.93	AC	495	47	POOR	Y	
HAM07452	PITTS AV	ELLA ST	PULLAN AV	24	175.36	AC	187	53	POOR	Y	
HAM07356	PITTS AV	HANFIELD ST	JESTER ST	24	225.28	AC	418	60	FAIR	Y	
HAM07455	PITTS AV	HOWLAND PL	WESTMORELAND AV	31	176.78	AC	336	90	GOOD	Y	
HAM07352	PITTS AV	JESTER ST	CHASE AV	24	226.07	AC	216	76	SATISFACTORY	Y	
HAM07384	PITTS AV	PULLAN AV	HOWLAND PL	30	133.01	AC	343	78	SATISFACTORY	Y	
HAM07396	PITTS AV	WESTMORELAND AV	BRUCE AV	31	424.89	AC	207	100	GOOD	Y	
HAM06681	PLAINVILLE RD	BRAMBLE AV	PALMETTO ST	36	236.43	AC	650	38	VERY POOR	Y	
HAM06662	PLAINVILLE RD	BRITTON AV	MERWIN AV	37	281.70	AC	277	30	VERY POOR	Y	
HAM13171	PLAINVILLE RD	BUCKINGHAM PL	HURD AV	37	292.41	AC	263	29	VERY POOR	Y	
HAM06755	PLAINVILLE RD	CINC|COLUTP CORPLINE	BRAMBLE AV	36	113.58	AC	650	52	POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM13197	PLAINVILLE RD	HURD AV	VINEWOOD AV	38	291.04	AC	251	31	VERY POOR	Y	
HAM13135	PLAINVILLE RD	INDIAN HILL RD	TICE CT	36	143.53	AC	261	32	VERY POOR	Y	
HAM06652	PLAINVILLE RD	MERWIN AV	POLMEYER AL	36	146.41	AC	634	35	VERY POOR	Y	
HAM06654	PLAINVILLE RD	PALMETTO ST	BRITTON AV	36	274.04	AC	209	30	VERY POOR	Y	
HAM06651	PLAINVILLE RD	POLMEYER AL	WINDWARD ST	37	190.17	AC	270	31	VERY POOR	Y	
HAM13159	PLAINVILLE RD	ROE ST	BUCKINGHAM PL	37	313.59	AC	650	34	VERY POOR	Y	
HAM13196	PLAINVILLE RD	VINEWOOD AV	INDIAN HILL RD	38	244.44	AC	364	33	VERY POOR	Y	
HAM13158	PLAINVILLE RD	WINDWARD ST	ROE ST	36	314.03	AC	420	33	VERY POOR	Y	
HAM01292	PLANTATION WY	SPRUCEGLEN DR	KIRKLAND DR	62	589.01	AC	365	78	SATISFACTORY	Y	
HAM35472	PLANTATION WY	TERM S OF SPRUCEGLEN DR	SPRUCEGLEN DR	25	321.27	AC	521	72	SATISFACTORY	Y	
HAM38908	PLAYFIELD LN	WILMER AV	TERM E OF WILMER AV	23	1566.39	AC	510	56	FAIR	Y	
HAM14754	PLAZA AV	OXFORD AV	BEECHMONT AV	12	276.63	AC	582	86	GOOD	Y	ONE WAY
HAM08487	PLEASANT ST	FINDLAY ST	ETON PL	18	135.13	AC	650	44	POOR	Y	
HAM10583	PLEASANT ST	GLASS AL	W ELDER ST	19	116.27	AC	650	97	GOOD	Y	ONE WAY / UNCOLLECTED PORTION BLOCKED BY GATE
HAM10584	PLEASANT ST	GREEN ST	GLASS AL	18	293.93	AC	650	95	GOOD	Y	ONE WAY
HAM08464	PLEASANT ST	LEVI AL	GREEN ST	18	160.92	AC	650	95	GOOD	Y	ONE WAY
HAM21695	PLEASANT ST	W 14TH ST	W 15TH ST	18	425.39	AC	650	100	GOOD	Y	ONE WAY
HAM21707	PLEASANT ST	W 15TH ST	W LIBERTY ST	18	620.22	AC	589	100	GOOD	Y	ONE WAY
HAM08483	PLEASANT ST	W ELDER ST	SELLEW AL	9	117.18		-1	-1		N	BOOTS ON THE GROUND / INACCESSIBLE TO VAN
HAM21667	PLEASANT ST	W LIBERTY ST	LEVI AL	18	225.68	AC	464	94	GOOD	Y	ONE WAY
HAM39600	PLEASANT VIEW AV	BLAIR AV	TERM N OF BLAIR AV	36	745.24	AC	373	91	GOOD	Y	
HAM38007	PLEASURE DR	TERM SE OF W 8TH ST	W 8TH ST	22	856.62	AC	650	50	POOR	Y	
HAM32129	PLOUGH AL	GOETZ AL	COGSWELL AL	18	195.20		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM26004	PLUM ST	GEORGE ST	W 7TH ST	51	248.16	AC	307	46	POOR	Y	ONE WAY
HAM27637	PLUM ST	MCFARLAND ST	W 4TH ST	51	234.85	AC	541	83	SATISFACTORY	Y	ONE WAY
HAM27640	PLUM ST	PERRY ST	W 5TH ST	50	234.02	AC	592	72	SATISFACTORY	Y	ONE WAY
HAM25954	PLUM ST	RICHMOND ST	W COURT ST	50	166.58	AC	340	55	POOR	Y	ONE WAY
HAM28096	PLUM ST	W 3RD ST	MCFARLAND ST	51	234.97	AC	650	67	FAIR	Y	ONE WAY
HAM27639	PLUM ST	W 4TH ST	PERRY ST	50	228.04	AC	650	74	SATISFACTORY	Y	ONE WAY
HAM26005	PLUM ST	W 6TH ST	GEORGE ST	40	187.27	AC	297	67	FAIR	Y	ONE WAY
HAM26000	PLUM ST	W 7TH ST	W 8TH ST	50	358.44	AC	650	44	POOR	Y	ONE WAY
HAM25995	PLUM ST	W 8TH ST	WEAVER AL	55	131.36	AC	368	60	FAIR	Y	ONE WAY
HAM25956	PLUM ST	W 9TH ST	RICHMOND ST	50	168.42	AC	397	54	POOR	Y	ONE WAY
HAM25958	PLUM ST	W COURT ST	W CENTRAL PKWY	51	290.91	AC	650	72	SATISFACTORY	Y	ONE WAY
HAM25993	PLUM ST	WEAVER AL	W 9TH ST	56	132.40	AC	292	70	FAIR	Y	ONE WAY
HAM14265	PLYMOUTH AV	EPPERT WALK	BEECHMONT AV	33	184.20	AC	650	62	FAIR	Y	
HAM34120	PLYMOUTH AV	OXFORD AV	EPPERT WALK	27	159.70	AC	272	89	GOOD	Y	
HAM14264	PLYMOUTH AV	REBOLD LN	OXFORD AV	20	178.44	AC	650	84	SATISFACTORY	Y	
HAM14263	PLYMOUTH AV	SUTTON AV	REBOLD LN	20	186.24	AC	485	60	FAIR	Y	
HAM07715	POGUE AV	BEECH LN	EAST HILL AV	31	191.29	AC	511	95	GOOD	Y	
HAM07733	POGUE AV	COHOON ST	FAIRFAX AV	36	348.59	AC	461	95	GOOD	Y	
HAM07732	POGUE AV	FAIRFAX AV	OBRYON ST	30	290.91	AC	419	95	GOOD	Y	
HAM07728	POGUE AV	LAVINIA AV	BEECH LN	31	578.06	AC	198	95	GOOD	Y	
HAM07718	POGUE AV	OBRYON ST	LAVINIA AV	30	149.72	AC	242	95	GOOD	Y	
HAM37113	POGUE AV	TERM SW OF COHOON ST	COHOON ST	36	180.34	AC	650	93	GOOD	Y	
HAM38068	POINTER LN	AIKENSIDE AV	TERM N OF AIKENSIDE AV	24	298.42	AC	650	35	VERY POOR	Y	
HAM55651	POLICE ACADEMY DR	TERM E OF EVANS ST	EVANS ST	19	454.01	AC	454	86	GOOD	Y	
HAM19946	POLK ST	VINE ST	TERM W OF VINE ST	20	150.15	AC	650	90	GOOD	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM06665	POLMEYER AL	CINC|COLUTP CORPLINE	KENMORE AV	9	552.25	AC	525	29	VERY POOR	Y	
HAM06664	POLMEYER AL	PLAINVILLE RD	CINC|COLUTP CORPLINE	8	249.57	AC	650	38	VERY POOR	Y	
HAM37914	POMEROY ST	KENWOOD AV	TERM S OF KENWOOD AV	19	112.14		-1	-1		N	UNPAVED ROAD
HAM33765	POMEROY ST	RENSLAR AV	TERM S OF RENSLAR AV	18	139.32	AC	650	92	GOOD	Y	
HAM05796	POMONA CT	HACKBERRY ST	CLEINVIEW AV	17	298.16	AC	650	95	GOOD	Y	ONE WAY
HAM35593	PONDEROSA DR	TERM S OF WESTONRIDGE DR	WESTONRIDGE DR	26	391.61	AC	650	95	GOOD	Y	
HAM03595	PONDEROSA DR	WESTONRIDGE DR	W NORTH BEND RD	24	1232.31	AC	222	95	GOOD	Y	
HAM07286	POPE AL	BALTZER AL	LANGLAND ST	7	140.46		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM07288	POPE AL	FERGUS ST	GREY AL	7	143.61		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM07287	POPE AL	GREY AL	BALTZER AL	6	238.19		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM07282	POPE AL	HONER AL	INGOL AL	7	161.12		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM07281	POPE AL	INGOL AL	HAMILTON AV	7	160.05		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM07284	POPE AL	LANGLAND ST	HONER AL	8	141.98		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM17732	POPLAR LN	E 70TH ST	TERM NE OF E 70TH ST	15	278.63	AC	650	69	FAIR	Y	UNCOLLECTED PORTION BLOCKED BY BARRICADE
HAM27053	POPLAR LN	E 72ND ST	GRANITE AL	15	194.11	AC	650	77	SATISFACTORY	Y	ONE WAY
HAM00042	POPLAR LN	E 73RD ST	SANDSTONE AL	13	193.60	AC	650	38	VERY POOR	Y	ONE WAY
HAM27041	POPLAR LN	E SEYMOUR AV	MARBLE AL	15	194.91	AC	557	93	GOOD	Y	ONE WAY
HAM00041	POPLAR LN	GRANITE AL	E 73RD ST	15	190.95	AC	650	66	FAIR	Y	ONE WAY
HAM27051	POPLAR LN	MARBLE AL	E 72ND ST	15	190.79	AC	650	76	SATISFACTORY	Y	ONE WAY
HAM19515	POPLAR LN	SANDSTONE AL	E NORTH BEND RD	14	225.48	AC	650	63	FAIR	Y	ONE WAY
HAM37090	POPLAR LN	TERM SW OF E 75TH ST	E 75TH ST	17	362.11	AC	650	47	POOR	Y	
HAM37078	POPLAR LN	TERM SW OF E SEYMOUR AV	E SEYMOUR AV	15	151.08	AC	650	93	GOOD	Y	
HAM08291	POPLAR ST	BARD AL	JOHN ST	31	125.70	AC	650	40	VERY POOR	Y	
HAM27488	POPLAR ST	BAYMILLER ST	MALDEN WALK	32	455.72	AC	343	34	VERY POOR	Y	
HAM10752	POPLAR ST	CENTRAL AV	KUHFERS AL	32	133.17	AC	650	37	VERY POOR	Y	
HAM08290	POPLAR ST	JOHN ST	SNYDER AL	31	135.16	AC	650	53	POOR	Y	
HAM10750	POPLAR ST	KUHFERS AL	BARD AL	32	213.18	AC	462	38	VERY POOR	Y	
HAM08185	POPLAR ST	LINN ST	BAYMILLER ST	30	594.27	AC	650	50	POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM27491	POPLAR ST	MALDEN WALK	WINCHELL AV	31	150.99	AC	603	42	POOR	Y	
HAM08318	POPLAR ST	SNYDER AL	LINN ST	31	636.73	AC	650	35	VERY POOR	Y	
HAM00324	PORTAGE ST	TERM SE OF WHIPPLE ST	WHIPPLE ST	27	194.44	AC	650	47	POOR	Y	
HAM00222	PORTAGE ST	WHIPPLE ST	HUEY AV	15	466.66	AC	650	36	VERY POOR	Y	
HAM27417	PORTER AL	CURRY AL	BANK ST	10	138.72		-1	-1		N	DOES NOT EXIST
HAM27412	PORTER AL	GARDEN ST	CURRY AL	9	105.99		-1	-1		N	DOES NOT EXIST
HAM11999	PORTMAN AV	GRAFTON AV	LACONIA AV	24	276.70	AC	417	71	SATISFACTORY	Y	
HAM12467	PORTMAN AV	GROVER AV	RHODE ISLAND AV	24	389.42	AC	313	76	SATISFACTORY	Y	
HAM12001	PORTMAN AV	LACONIA AV	GROVER AV	23	159.41	AC	635	74	SATISFACTORY	Y	
HAM11997	PORTMAN AV	LILLIAN DR	GRAFTON AV	24	267.23	AC	506	91	GOOD	Y	
HAM11995	PORTMAN AV	NEWFIELD AV	LILLIAN DR	25	274.21	AC	275	81	SATISFACTORY	Y	
HAM11993	PORTMAN AV	READING RD	NEWFIELD AV	25	708.04	AC	472	85	SATISFACTORY	Y	
HAM12744	PORTSMOUTH AV	COLUMBUS AV	PAXTON AV	24	576.14	AC	258	88	GOOD	Y	
HAM12722	PORTSMOUTH AV	PAXTON AV	VICTORIA LN	21	2473.07	AC	407	55	POOR	Y	
HAM27616	POSTAL AL	E 4TH ST	HONING AL	7	154.97		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM17426	POTOMAC AV	CLAYLAND ST	DUCK CREEK RD TO DANA AV RAMP	30	171.51	AC	650	88	GOOD	Y	
HAM37370	POTOMAC AV	CLAYLAND ST	TERM N OF CLAYLAND ST	24	121.07	AC	650	78	SATISFACTORY	Y	
HAM17430	POTOMAC AV	IVY AV	CLAYLAND ST	19	610.28	AC	469	79	SATISFACTORY	Y	
HAM26414	POTTER PL	WOODBURN AV	IDLEWILD AV	29	477.78	AC	650	93	GOOD	Y	
HAM02847	POWELL DR	MCKINLEY AV	HARRISON AV	21	903.01	AC	451	45	POOR	Y	
HAM07440	POWERS CT	BORDEN ST	LLEWELLYN AV	31	285.84	AC	196	92	GOOD	Y	
HAM38602	POWERS CT	LLEWELLYN AV	TERM W OF LLEWELLYN AV	31	188.71	AC	650	78	SATISFACTORY	Y	
HAM28152	POWERS PL	PRANG ST	BORDEN ST	26	810.27	AC	404	44	POOR	Y	
HAM55175	POWERS PL	TERM E OF PRANG ST	PRANG ST	25	63.03	AC	650	69	FAIR	Y	
HAM29469	POWERS ST	APPLE ST	TURRILL ST	24	242.70	AC	317	60	FAIR	Y	ONE WAY
HAM29887	POWERS ST	CASS AV	TAPPAN AV	24	255.51	AC	650	73	SATISFACTORY	Y	
HAM29464	POWERS ST	CHERRY ST	COLERAIN AV	25	211.41	AC	314	79	SATISFACTORY	Y	ONE WAY
HAM29918	POWERS ST	HERRON AV	CASS AV	25	268.27	AC	650	80	SATISFACTORY	Y	
HAM29468	POWERS ST	SPRING GROVE AV	APPLE ST	24	172.13	AC	474	72	SATISFACTORY	Y	ONE WAY
HAM29919	POWERS ST	SYLVAN AV	HERRON AV	24	550.77	AC	443	79	SATISFACTORY	Y	
HAM38601	POWERS ST	TERM E OF SYLVAN AV	SYLVAN AV	29	124.85	AC	650	78	SATISFACTORY	Y	
HAM29465	POWERS ST	TURRILL ST	CHERRY ST	25	238.15	AC	290	70	FAIR	Y	ONE WAY
HAM28169	PRANG ST	ELMORE ST	TOWNSEND PL	25	313.27	AC	424	85	SATISFACTORY	Y	
HAM28157	PRANG ST	TOWNSEND PL	POWERS PL	25	235.94	AC	633	83	SATISFACTORY	Y	
HAM00543	PRENTICE ST	EBERSOLE AV	RAVENNA ST	21	412.10	AC	650	95	GOOD	Y	
HAM13080	PRENTICE ST	MATHIS ST	SIMPSON AV	19	395.26	AC	495	67	FAIR	Y	
HAM00522	PRENTICE ST	RAVENNA ST	WHETSEL AV	16	345.43	AC	500	94	GOOD	Y	
HAM13082	PRENTICE ST	SIMPSON AV	GLENSHADE AV	19	397.38	AC	281	71	SATISFACTORY	Y	
HAM39674	PRENTICE ST	TERM W OF EBERSOLE AV	EBERSOLE AV	20	276.20	AC	650	85	SATISFACTORY	Y	
HAM00525	PRENTICE ST	WARD ST	MATHIS ST	19	328.93	AC	452	81	SATISFACTORY	Y	ONE WAY
HAM00524	PRENTICE ST	WHETSEL AV	WARD ST	19	349.65	AC	650	45	POOR	Y	
HAM09862	PRESCOTT ST	HUEY AV	MERIDIAN ST	10	294.44	AC	650	37	VERY POOR	Y	ONE WAY
HAM00249	PRESCOTT ST	MERIDIAN ST	REVERE AV	10	417.86	AC	551	88	GOOD	Y	ONE WAY
HAM02701	PRESIDENT DR	BALTIMORE AV	FARADAY RD	44	418.29	AC	284	66	FAIR	Y	
HAM38146	PRESIDENT DR	CITY VIEW	TERM NE OF CITY VIEW	38	435.96	AC	385	50	POOR	Y	
HAM29897	PRESIDENT DR	FARADAY RD	WILLIAMSBURG DR	45	725.70	AC	406	49	POOR	Y	
HAM29931	PRESIDENT DR	NOTTINGHAM RD	CITY VIEW	38	278.90	AC	282	44	POOR	Y	
HAM29955	PRESIDENT DR	WILLIAMSBURG DR	NOTTINGHAM RD	35	1102.12	AC	414	57	FAIR	Y	
HAM24210	PRESLEY AL	BURBANK ST	MORGAN ST	15	274.45	AC	650	58	FAIR	Y	
HAM24204	PRESLEY AL	MORGAN ST	WAYNE ST	15	274.70	BR	650	-1		Y	
HAM24207	PRESLEY AL	WILKINSON ST	BURBANK ST	12	272.58	AC	650	23	SERIOUS	Y	UNCOLLECTED PORTION BLOCKED BY DUMPSTER
HAM21568	PRESTON ST	MYRTLE AV	CHAPEL ST	29	498.30	AC	650	92	GOOD	Y	
HAM38433	PRESTON ST	TERM S OF MYRTLE AV	MYRTLE AV	30	231.71	AC	650	93	GOOD	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM02337	PRICE AV	CHATEAU AV	GRAND AV	50	304.81	AC	543	95	GOOD	Y	
HAM02333	PRICE AV	CONSIDINE AV	PURCELL AV	37	327.88	AC	334	44	POOR	Y	
HAM02331	PRICE AV	ELBERON AV	WOODLAWN AV	37	503.54	AC	650	25	SERIOUS	Y	
HAM02329	PRICE AV	FAIRBANKS AV	WELLS ST	25	258.35	AC	650	40	VERY POOR	Y	
HAM02335	PRICE AV	GRAND AV	HAWTHORNE AV	50	340.68	AC	590	92	GOOD	Y	
HAM02334	PRICE AV	HAWTHORNE AV	CONSIDINE AV	38	314.01	AC	650	37	VERY POOR	Y	
HAM01715	PRICE AV	MATSON PL	MT HOPE AV	51	271.58	AC	650	92	GOOD	Y	
HAM01714	PRICE AV	MT HOPE AV	SUMMIT AV	51	299.33	AC	561	93	GOOD	Y	
HAM02332	PRICE AV	PURCELL AV	ELBERON AV	36	353.14	AC	638	34	VERY POOR	Y	
HAM02338	PRICE AV	SUMMIT AV	CHATEAU AV	51	302.35	AC	172	94	GOOD	Y	
HAM02570	PRICE AV	VOSS ST	ENRIGHT AV	14	243.32	AC	650	37	VERY POOR	Y	
HAM02330	PRICE AV	WOODLAWN AV	FAIRBANKS AV	36	330.92	AC	650	35	VERY POOR	Y	
HAM02605	PRINCETON ST	INGALLS ST	LILIENTHAL ST	8	261.24	AC	650	92	GOOD	Y	
HAM37031	PRINCETON ST	TERM E OF INGALLS ST	INGALLS ST	15	319.56	AC	650	93	GOOD	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM09431	PRINCIPIO AV	CRESTWOOD AV	DILLON AV	29	683.53	AC	332	53	POOR	Y	
HAM09430	PRINCIPIO AV	DILLON AV	TANNEHILL LN	29	302.40	AC	477	45	POOR	Y	
HAM09368	PRINCIPIO AV	HAYWARD AV	CRESTWOOD AV	30	214.54	AC	548	41	POOR	Y	
HAM09274	PRINCIPIO AV	HAYWARD CT	HAYWARD AV	30	112.98	AC	214	41	POOR	Y	
HAM14441	PRINCIPIO AV	HEEKIN AV	OBSERVATORY CIR	31	1105.03	AC	242	46	POOR	Y	
HAM09367	PRINCIPIO AV	HERSCHEL AV	HAYWARD CT	30	342.56	AC	470	49	POOR	Y	
HAM34333	PRINCIPIO AV	TANNEHILL LN	HEEKIN AV	30	624.94	AC	403	47	POOR	Y	
HAM25733	PRIOR ST	VINE ST	WALNUT ST	13	462.96	AC	650	17	SERIOUS	Y	ONE WAY / UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM26050	PRIVATE AL	SYCAMORE ST	MASONIC AL	11	316.30	AC	650	73	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM35562	PRIVATE DRIVEWAY	FEDERAL DR	TERM W OF FEDERAL DR	39	270.70	AC	650	14	SERIOUS	Y	
HAM39539	PRIVATE ST	TERM NE OF OLD LUDLOW AV	OLD LUDLOW AV	11	713.08	AC	650	24	SERIOUS	Y	
HAM39269	PROBASCO CT	TERM S OF PROBASCO ST	PROBASCO ST	18	227.64	AC	650	78	SATISFACTORY	Y	
HAM25505	PROBASCO ST	AUSTIN TER	MARSHALL AV	29	668.71	AC	582	40	VERY POOR	Y	
HAM05443	PROBASCO ST	CLIFTON AV	JOSELIN AL	30	253.96	AC	650	51	POOR	Y	
HAM33145	PROBASCO ST	DIGBY AV	AUSTIN TER	29	338.45	AC	248	35	VERY POOR	Y	
HAM25481	PROBASCO ST	DUKE ST	PROBASCO CT	30	210.82	AC	650	37	VERY POOR	Y	
HAM05444	PROBASCO ST	JOSELIN AL	STRATFORD AV	29	185.68	AC	295	48	POOR	Y	
HAM25506	PROBASCO ST	MARSHALL AV	DUKE ST	30	551.76	AC	650	31	VERY POOR	Y	
HAM25537	PROBASCO ST	PROBASCO CT	DECKEBACH AV	30	105.00	AC	511	57	FAIR	Y	
HAM05348	PROBASCO ST	STRATFORD AV	DIGBY AV	30	326.42	AC	370	44	POOR	Y	
HAM04624	PRODUCTION DR	SALFORD DR	AMBERLAWN AV	24	882.52	AC	328	47	POOR	Y	
HAM05861	PROSPECT PL	HARVEY AV	KNOTT ST	30	985.81	AC	650	93	GOOD	Y	
HAM34701	PROSPECT PL	KNOTT ST	READING RD	35	741.41	AC	642	83	SATISFACTORY	Y	
HAM01835	PROSPERITY PL	ASHBROOK DR	FERGUSON RD	30	1780.47	AC	298	67	FAIR	Y	
HAM03256	PROSPERITY PL	FERGUSON RD	GLENWAY AV	29	272.59	AC	650	62	FAIR	Y	ONE WAY
HAM38460	PROVIDENCE ST	TERM S OF FINDLAY ST	FINDLAY ST	19	312.36		-1	-1		N	PARKING LOT
HAM32213	PROVIDENCE ST	W 14TH ST	GALENA AL	14	321.96	AC	650	73	SATISFACTORY	Y	
HAM39382	PROVINCIAL CT	TERM S OF QUEBEC RD	QUEBEC RD	26	632.12	AC	624	80	SATISFACTORY	Y	
HAM58370	PUEBLO ST	TERM W OF YOUNG ST	YOUNG ST	30	337.71	AC	650	95	GOOD	Y	UNCOLLECTED PORTION PRIVATE DRIVEWAY
HAM07260	PULLAN AV	BEECH HILL AV	WILLIAMSON PL	35	121.14	AC	438	78	SATISFACTORY	Y	
HAM07265	PULLAN AV	BROOKSIDE AV	HAIGHT AV	35	169.65	AC	487	87	GOOD	Y	
HAM07262	PULLAN AV	CARRIE AL	LANGLAND ST	34	133.65	AC	157	93	GOOD	Y	
HAM07526	PULLAN AV	CHAMBERS ST	FERGUS ST	34	501.51	AC	198	95	GOOD	Y	
HAM07448	PULLAN AV	CHERRY ST	DELANEY ST	38	263.40	AC	293	62	FAIR	Y	
HAM07525	PULLAN AV	DANE AV	CHAMBERS ST	33	407.19	AC	326	95	GOOD	Y	
HAM07449	PULLAN AV	DELANEY ST	PITTS AV	37	502.50	AC	328	57	FAIR	Y	
HAM07258	PULLAN AV	FERGUS ST	BEECH HILL AV	34	141.99	AC	392	81	SATISFACTORY	Y	
HAM07380	PULLAN AV	HAIGHT AV	HAMILTON AV	36	386.17	AC	432	82	SATISFACTORY	Y	
HAM07447	PULLAN AV	HAMILTON AV	TURRILL ST	35	155.43	AC	519	78	SATISFACTORY	Y	
HAM07264	PULLAN AV	LANGLAND ST	BROOKSIDE AV	34	290.47	AC	238	91	GOOD	Y	
HAM07381	PULLAN AV	TURRILL ST	CHERRY ST	37	237.72	AC	366	58	FAIR	Y	
HAM07261	PULLAN AV	WILLIAMSON PL	CARRIE AL	35	137.62	AC	149	95	GOOD	Y	
HAM08055	PULTE ST	BEEKMAN ST	LINDEN ST	33	668.51	AC	279	94	GOOD	Y	
HAM08061	PULTE ST	LINDEN ST	SEEGAR AV	30	1168.29	AC	193	94	GOOD	Y	
HAM02746	PULTE ST	SEEGAR AV	TERM W OF SEEGAR AV	30	395.30	AC	650	95	GOOD	Y	UNCOLLECTED PORTION DOES NOT EXIST
HAM02357	PURCELL AV	BASSETT RD	PHILLIPS AV	36	1172.42	AC	650	32	VERY POOR	Y	
HAM02022	PURCELL AV	BREVIER AV	GLENWAY AV	31	562.50	AC	650	54	POOR	Y	
HAM02067	PURCELL AV	ELBERON AV	MURDOCK AV	30	857.22	AC	650	54	POOR	Y	
HAM02014	PURCELL AV	GLENWAY AV	LEHMAN RD	30	718.13	AC	488	87	GOOD	Y	
HAM57271	PURCELL AV	LEHMAN RD	PUBLIC TERM N OF LEHMAN RD	30	267.53	AC	650	58	FAIR	Y	
HAM02071	PURCELL AV	MURDOCK AV	BASSETT RD	37	1125.45	AC	611	34	VERY POOR	Y	
HAM02345	PURCELL AV	PHILLIPS AV	W 8TH ST	34	745.06	AC	650	36	VERY POOR	Y	
HAM02369	PURCELL AV	PRICE AV	WARSAW AV	23	1067.86	AC	625	37	VERY POOR	Y	
HAM02339	PURCELL AV	W 8TH ST	PRICE AV	31	422.79	AC	650	38	VERY POOR	Y	
HAM02055	PURCELL AV	WARSAW AV	BREVIER AV	30	680.70	AC	429	64	FAIR	Y	
HAM38399	PURDUE ST	FOREST AV	TERM N OF FOREST AV	18	843.03	AC	650	100	GOOD	Y	
HAM38506	PURE CT	TERM S OF CLINTON SPRINGS AV	CLINTON SPRINGS AV	19	429.12	AC	650	20	SERIOUS	Y	
HAM14244	PUTNAM RD	SALEM RD	SALEM HILLS LN	23	473.85	AC	558	82	SATISFACTORY	Y	
HAM29960	PUTZ PL	I-74 WB EXWY TO MONTANA AV RAMP	WEST FORK RD	35	354.43	AC	650	43	POOR	Y	
HAM35513	QUANTE AV	MONTANA AV	TERM N OF MONTANA AV	13	1040.36	AC	650	43	POOR	Y	
HAM54643	QUARRY ST	LEEPER ST	TERM NE OF LEEPER ST	13	390.38		-1	-1		N	BLOCKED BY GATE
HAM11696	QUEBEC RD	EVERS ST	MAYFIELD AV	29	250.44	AC	447	65	FAIR	Y	
HAM01910	QUEBEC RD	FAEHR ST	JONTE AV	31	228.23	AC	251	82	SATISFACTORY	Y	
HAM03128	QUEBEC RD	FORBUS ST	WESTWOOD AV	41	205.25	AC	315	91	GOOD	Y	
HAM11704	QUEBEC RD	GLENWAY AV	EVERS ST	30	458.32	AC	432	66	FAIR	Y	
HAM03129	QUEBEC RD	JONTE AV	LIERMAN ST	31	720.40	AC	228	88	GOOD	Y	
HAM02683	QUEBEC RD	LIERMAN ST	FORBUS ST	40	380.23	AC	274	91	GOOD	Y	
HAM11709	QUEBEC RD	MAYFIELD AV	W LIBERTY ST	29	352.97	AC	493	62	FAIR	Y	
HAM11059	QUEBEC RD	PROVINCIAL CT	FAEHR ST	33	850.63	AC	283	87	GOOD	Y	
HAM38992	QUEBEC RD	TERM S OF MAYFIELD AV	MAYFIELD AV	20	533.48	AC	650	92	GOOD	Y	
HAM35024	QUEBEC RD	W LIBERTY ST	PROVINCIAL CT	30	2887.28	AC	223	77	SATISFACTORY	Y	
HAM02681	QUEBEC RD	WESTWOOD AV	QUEEN CITY AV	40	231.15	AC	650	96	GOOD	Y	
HAM27357	QUEEN CITY AL	W MCMICKEN AV	W MCMILLAN ST	4	159.19		-1	-1		N	STAIRCASE
HAM08069	QUEEN CITY AV	BEEKMAN ST	LAWNWAY ST	21	306.89	AC	555	95	GOOD	Y	
HAM40871	QUEEN CITY AV	BLUFFCREST LN	RIDGETOP WY	44	1751.06	AC	215	81	SATISFACTORY	Y	
HAM03025	QUEEN CITY AV	BOUDINOT AV	WESTRIDGE AV	50	269.86	AC	226	80	SATISFACTORY	Y	
HAM02909	QUEEN CITY AV	CLIFFORD ST	EKARDT ST	34	280.83	AC	242	95	GOOD	Y	
HAM02852	QUEEN CITY AV	DAY CT	WESTBROOK DR	35	555.84	AC	278	31	VERY POOR	Y	
HAM09746	QUEEN CITY AV	EAST TOWER DR	TIMBERCREST DR	43	2029.56	PCC	266	89	GOOD	Y	
HAM02908	QUEEN CITY AV	EKARDT ST	SPERBER ST	33	253.72	AC	155	95	GOOD	Y	
HAM08155	QUEEN CITY AV	ENGEL AL	GRAND AV	35	433.33	AC	212	95	GOOD	Y	
HAM09750	QUEEN CITY AV	ERLENE DR	GEHRUM LN	52	748.79	PCC	381	94	GOOD	Y	
HAM03026	QUEEN CITY AV	FERGUSON RD	BOUDINOT AV	41	1384.83	AC	236	75	SATISFACTORY	Y	
HAM01889	QUEEN CITY AV	GRAND AV	RANKIN ST	36	117.67	AC	142	95	GOOD	Y	
HAM08083	QUEEN CITY AV	HARRISON AV	ENGEL AL	36	799.67	AC	229	95	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM01899	QUEEN CITY AV	KEBLER ST	WICKHAM PL	34	149.58	AC	142	95	GOOD	Y	
HAM02998	QUEEN CITY AV	LAFEUILLE AV	ERLENE DR	46	576.65	AC	324	85	SATISFACTORY	Y	
HAM08105	QUEEN CITY AV	LAWNWAY ST	PINETREE ST	47	382.14	AC	356	95	GOOD	Y	
HAM35029	QUEEN CITY AV	LICK RUN WY	QUEEN CITY BYPS	34	1199.18	AC	566	68	FAIR	Y	
HAM01892	QUEEN CITY AV	MERTON ST	VAN HART ST	35	163.93	AC	268	95	GOOD	Y	
HAM03023	QUEEN CITY AV	MIDWAY AV	SUE LN	44	345.89	AC	650	45	POOR	Y	
HAM35028	QUEEN CITY AV	QUEEN CITY BYPS	TILLIE AV	61	743.03	PCC	243	86	GOOD	Y	
HAM01898	QUEEN CITY AV	RANKIN ST	KEBLER ST	36	805.52	AC	135	95	GOOD	Y	
HAM34971	QUEEN CITY AV	RICHTER ST	LICK RUN WY	32	629.85	AC	620	42	POOR	Y	
HAM31934	QUEEN CITY AV	RIDGETOP WY	QUEEN CITY AV TO LAFEUILLE AV RAMP	44	971.46	AC	225	91	GOOD	Y	
HAM02907	QUEEN CITY AV	SPERBER ST	WHITE ST	34	208.22	AC	219	95	GOOD	Y	
HAM03043	QUEEN CITY AV	SUE LN	DAY CT	35	295.02	AC	270	34	VERY POOR	Y	
HAM40870	QUEEN CITY AV	SUNSET AV	BLUFFCREST LN	49	554.68	AC	353	87	GOOD	Y	
HAM38580	QUEEN CITY AV	TERM E OF BEEKMAN ST	BEEKMAN ST	38	530.33	AC	544	100	GOOD	Y	
HAM02949	QUEEN CITY AV	TILLIE AV	WYOMING AV	57	159.32	PCC	403	73	SATISFACTORY	Y	
HAM03027	QUEEN CITY AV	TIMBERCREST DR	FERGUSON RD	47	680.77	PCC	431	83	SATISFACTORY	Y	
HAM02680	QUEEN CITY AV	VAN HART ST	QUEBEC RD	34	701.00	AC	147	95	GOOD	Y	
HAM01793	QUEEN CITY AV	WESTBROOK DR	WERK RD	34	857.38	AC	500	35	VERY POOR	Y	
HAM03024	QUEEN CITY AV	WESTRIDGE AV	MIDWAY AV	50	401.17	AC	169	64	FAIR	Y	
HAM01895	QUEEN CITY AV	WICKHAM PL	MERTON ST	34	391.79	AC	158	95	GOOD	Y	
HAM09854	QUEEN CITY AV	WYOMING AV	SUNSET AV	56	1053.92	AC	303	86	GOOD	Y	
HAM35027	QUEEN CITY BYPS	LICK RUN WY	QUEEN CITY AV	62	969.65	PCC	356	96	GOOD	Y	
HAM40996	QUEEN CITY BYPS	QUEEN CITY AV	LICK RUN WY	26	967.01	PCC	383	80	SATISFACTORY	Y	
HAM62471	QUEEN CITY BYPS	QUEEN CITY BYPS	QUEEN CITY BYPS	62	956.11	PCC	179	96	GOOD	Y	
HAM40992	QUEEN CITY BYPS	WESTWOOD AV	LICK RUN WY	35	1039.01	PCC	297	89	GOOD	Y	
HAM38719	QUEENSWOOD DR	TERM S OF CYCLORAMA DR	CYCLORAMA DR	26	1547.51	AC	378	73	SATISFACTORY	Y	
HAM25847	RACE ST	ELKINS AL	W CENTRAL PKWY	42	156.03	AC	361	67	FAIR	Y	ONE WAY
HAM08549	RACE ST	FINDLAY ST	ROWAN CT	40	136.20	AC	650	79	SATISFACTORY	Y	ONE WAY
HAM25851	RACE ST	GARFIELD PL	WEAVER AL	41	157.24	AC	296	34	VERY POOR	Y	ONE WAY
HAM08552	RACE ST	GLASS AL	W ELDER ST	39	157.13	AC	380	56	FAIR	Y	ONE WAY
HAM08553	RACE ST	GREEN ST	GLASS AL	40	294.23	AC	422	51	POOR	Y	ONE WAY
HAM08555	RACE ST	LEVI AL	GREEN ST	39	160.60	AC	307	59	FAIR	Y	ONE WAY
HAM25806	RACE ST	LHOMMEDIEU AL	W 7TH ST	39	126.15	AC	383	69	FAIR	Y	ONE WAY
HAM25808	RACE ST	MORAND AL	SHILLITO PL	33	99.13	AC	650	66	FAIR	Y	ONE WAY
HAM25849	RACE ST	PENDERY AL	W COURT ST	41	168.67	AC	347	64	FAIR	Y	ONE WAY
HAM08554	RACE ST	ROWAN CT	W MCMICKEN AV	40	352.93	AC	403	42	POOR	Y	ONE WAY
HAM08550	RACE ST	SELLEW AL	FINDLAY ST	40	271.10	PCC	379	96	GOOD	Y	ONE WAY
HAM25807	RACE ST	SHILLITO PL	LHOMMEDIEU AL	41	107.71	AC	650	64	FAIR	Y	ONE WAY
HAM25734	RACE ST	THORP AL	W 6TH ST	34	125.60	AC	385	58	FAIR	Y	ONE WAY
HAM25846	RACE ST	W 12TH ST	W 13TH ST	38	424.01	AC	650	45	POOR	Y	ONE WAY
HAM32211	RACE ST	W 13TH ST	W 14TH ST	36	423.45	AC	513	40	VERY POOR	Y	ONE WAY
HAM21704	RACE ST	W 14TH ST	W 15TH ST	40	430.41	AC	322	67	FAIR	Y	ONE WAY
HAM21708	RACE ST	W 15TH ST	W LIBERTY ST	40	560.71	AC	650	54	POOR	Y	ONE WAY
HAM27624	RACE ST	W 3RD ST	W OGDEN PL	41	296.32	AC	627	36	VERY POOR	Y	ONE WAY
HAM27625	RACE ST	W 4TH ST	W 5TH ST	41	461.82	AC	407	45	POOR	Y	ONE WAY
HAM25735	RACE ST	W 5TH ST	THORP AL	38	338.35	AC	650	81	SATISFACTORY	Y	ONE WAY
HAM25809	RACE ST	W 6TH ST	MORAND AL	32	129.94	AC	650	62	FAIR	Y	ONE WAY
HAM25805	RACE ST	W 7TH ST	W ONEIDIA AL	39	133.69	AC	355	70	FAIR	Y	ONE WAY
HAM25802	RACE ST	W 9TH ST	PENDERY AL	40	165.07	AC	364	74	SATISFACTORY	Y	ONE WAY
HAM25852	RACE ST	W CENTRAL PKWY	W 12TH ST	38	432.93	AC	320	44	POOR	Y	ONE WAY
HAM25848	RACE ST	W COURT ST	ELKINS AL	42	162.31	AC	423	68	FAIR	Y	ONE WAY
HAM08551	RACE ST	W ELDER ST	SELLEW AL	40	156.80	PCC	366	94	GOOD	Y	ONE WAY
HAM21677	RACE ST	W LIBERTY ST	LEVI AL	40	285.55	AC	595	68	FAIR	Y	ONE WAY
HAM27626	RACE ST	W OGDEN PL	W 4TH ST	41	182.82	AC	364	42	POOR	Y	ONE WAY
HAM25811	RACE ST	W ONEIDIA AL	GARFIELD PL	39	172.57	AC	347	71	SATISFACTORY	Y	ONE WAY
HAM25850	RACE ST	WEAVER AL	W 9TH ST	41	161.38	AC	229	50	POOR	Y	ONE WAY
HAM25597	RACHEL ST	HENSHAW AV	COLERAIN AV	30	251.69	AC	650	91	GOOD	Y	
HAM25596	RACHEL ST	MASSACHUSETTS AV	SIDNEY AV	31	250.43	AC	568	93	GOOD	Y	
HAM25606	RACHEL ST	SIDNEY AV	HENSHAW AV	29	250.20	AC	217	93	GOOD	Y	
HAM37504	RACK CT	TERM E OF MONFORT HILLS AV	MONFORT HILLS AV	24	438.65	AC	435	95	GOOD	Y	
HAM38586	RADCLIFF DR	LEHMAN RD	TERM N OF LEHMAN RD	36	2454.18	AC	369	63	FAIR	Y	
HAM02175	RAEBURN DR	CHAPELRIDGE DR	S RAEBURN DR	25	358.76	AC	179	90	GOOD	Y	
HAM02173	RAEBURN DR	N RAEBURN DR	RAEBURN LN	26	344.47	AC	196	90	GOOD	Y	
HAM02174	RAEBURN DR	RAEBURN LN	RAEBURN TER	25	198.30	AC	270	77	SATISFACTORY	Y	
HAM02177	RAEBURN DR	RAEBURN TER	COLERAIN AV	24	802.21	AC	255	92	GOOD	Y	
HAM01864	RAEBURN DR	S RAEBURN DR	N RAEBURN DR	25	303.53	AC	175	95	GOOD	Y	
HAM37897	RAEBURN DR	TERM E OF CHAPELRIDGE DR	CHAPELRIDGE DR	26	1204.29	AC	265	85	SATISFACTORY	Y	
HAM37129	RAEBURN LN	TERM SW OF RAEBURN DR	RAEBURN DR	21	266.72	AC	650	52	POOR	Y	
HAM37128	RAEBURN TER	RAEBURN DR	TERM W OF RAEBURN DR	24	938.28	AC	440	31	VERY POOR	Y	
HAM36107	RAGLAN ST	TERM S OF CAMBRIDGE AV	CAMBRIDGE AV	12	423.61	AC	650	34	VERY POOR	Y	
HAM65977	RAILSIDE AV	STEFAN CREMER LN	TERM W OF STEFAN CREMER LN	37	795.00	PCC	346	92	GOOD	Y	
HAM65976	RAILSIDE AV	TERM NE OF STEFAN CREMER LN	STEFAN CREMER LN	37	351.87	PCC	383	96	GOOD	Y	
HAM39068	RAINBOW CT	RAINBOW LN	TERM NE OF RAINBOW LN	26	747.60	AC	379	74	SATISFACTORY	Y	
HAM14812	RAINBOW LN	COFFEY ST	GRAF DR	25	305.71	AC	650	79	SATISFACTORY	Y	
HAM16692	RAINBOW LN	COFFEY ST	CORBLY RD	24	368.49	AC	650	52	POOR	Y	
HAM16699	RAINBOW LN	FINDLATER CT	RAINBOW CT	25	286.29	AC	390	76	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM16696	RAINBOW LN	GRAF DR	COFFEY ST	25	250.56	AC	354	46	POOR	Y	
HAM18777	RAINBOW LN	GRAF DR	FINDLATER CT	25	728.01	AC	195	55	POOR	Y	
HAM16695	RAINBOW LN	HIALEA CT	GRAF DR	25	210.71	AC	388	67	FAIR	Y	
HAM16694	RAINBOW LN	RAINBOW CT	TRIESTA CT	25	302.70	AC	241	50	POOR	Y	
HAM16691	RAINBOW LN	TRIESTA CT	HIALEA CT	25	292.25	AC	303	76	SATISFACTORY	Y	
HAM03742	RALPH AV	COVEDALE AV	CINC|GREETP CORPLINE	24	152.52	AC	650	92	GOOD	Y	
HAM03672	RALPH AV	GLENWAY AV	COVEDALE AV	20	1824.27	AC	471	94	GOOD	Y	
HAM21865	RALSTON AV	HAROLD AL	MILLCREEK RD	23	252.21	AC	557	45	POOR	Y	
HAM21875	RALSTON AV	ROLL AV	DAWSON AV	25	258.40	AC	533	52	POOR	Y	
HAM21866	RALSTON AV	SPRING GROVE AV	HAROLD AL	30	153.21	AC	650	69	FAIR	Y	
HAM26262	RAMMELSBURG ST	KERPER AV	BRAXTON CAMPBELL CT	24	136.13	AC	505	61	FAIR	Y	ONE WAY
HAM26261	RAMMELSBURG ST	MATHERS ST	KERPER AV	24	346.55	AC	650	38	VERY POOR	Y	ONE WAY
HAM15389	RAMONA AV	BOUDINOT AV	CORAL PARK DR	24	366.98	AC	650	59	FAIR	Y	
HAM38975	RAMONA AV	CORAL PARK DR	TERM W OF CORAL PARK DR	25	843.57	AC	423	84	SATISFACTORY	Y	
HAM15391	RAMONA AV	EPWORTH AV	RAMONA CIR	30	578.31	AC	326	74	SATISFACTORY	Y	
HAM15390	RAMONA AV	RAMONA CIR	BOUDINOT AV	31	407.20	AC	533	55	POOR	Y	
HAM38972	RAMONA CIR	RAMONA AV	TERM N OF RAMONA AV	25	309.96	AC	650	94	GOOD	Y	
HAM14823	RANCHVALE DR	RANCHVALE DR	WASIGO DR	25	299.08	AC	650	38	VERY POOR	Y	UNCOLLECTED PORTION BLOCKED BY BARRICADE
HAM38257	RANCHVALE DR	RANCHVALE DR	TERM SE OF RANCHVALE DR SPLIT	25	111.23		-1	-1		N	BLOCKED BY BARRICADE
HAM38248	RANCHVALE DR	TERM NW OF RANCHVALE DR SPLIT	RANCHVALE DR	25	104.24		-1	-1		N	BLOCKED BY BARRICADE
HAM25682	RANCHVALE DR	WASIGO DR	REDFIELD PL	25	1069.26	AC	650	34	VERY POOR	Y	
HAM38405	RANDOLPH ST	DULUTH AV	TERM N OF DULUTH AV	14	235.13	AC	650	40	VERY POOR	Y	
HAM01890	RANKIN ST	QUEEN CITY AV	WICKHAM PL	25	170.53	AC	650	76	SATISFACTORY	Y	
HAM01887	RANKIN ST	WICKHAM PL	TERM N OF WICKHAM PL	23	86.00		-1	-1		N	BLOCKED BY VEHICLES
HAM38995	RAPID AV	ST LAWRENCE AV	TERM N OF ST LAWRENCE AV	20	396.61	AC	468	92	GOOD	Y	
HAM02424	RAPID RUN PIKE	RUTLEDGE AV	GLENWAY AV	28	1745.45	AC	351	31	VERY POOR	Y	
HAM02400	RAPID RUN PIKE	SUNSET AV	RUTLEDGE AV	28	674.49	AC	280	34	VERY POOR	Y	
HAM13494	RAPID RUN RD	BENZ AV	COVEDALE AV	35	1210.47	AC	202	51	POOR	Y	
HAM00344	RAPID RUN RD	CINC|DELHTP CORPLINE	OTTAWA ST	19	525.28	AC	443	78	SATISFACTORY	Y	
HAM02421	RAPID RUN RD	CLEARVIEW AV	HERMOSA AV	34	475.22	AC	202	46	POOR	Y	
HAM13493	RAPID RUN RD	CORONADO AV	BENZ AV	34	427.59	AC	353	43	POOR	Y	
HAM13495	RAPID RUN RD	COVEDALE AV	CINC|DELHTP CORPLINE	35	155.14	AC	309	90	GOOD	Y	
HAM02414	RAPID RUN RD	GLENWAY AV	LINDA DR	33	310.46	AC	650	43	POOR	Y	
HAM02239	RAPID RUN RD	GREENWICH AV	PEDRETTI AV	35	349.83	AC	175	52	POOR	Y	
HAM02240	RAPID RUN RD	HERMOSA AV	ST LAWRENCE AV	35	345.46	AC	231	48	POOR	Y	
HAM02415	RAPID RUN RD	LINDA DR	MIDLAND AV	34	122.69	AC	188	61	FAIR	Y	
HAM02418	RAPID RUN RD	MIDLAND AV	CLEARVIEW AV	33	351.50	AC	313	51	POOR	Y	
HAM00345	RAPID RUN RD	OTTAWA ST	HILLSIDE AV	18	217.95	AC	642	83	SATISFACTORY	Y	
HAM02236	RAPID RUN RD	OVERLOOK AV	NEBRASKA AV	34	341.22	AC	650	44	POOR	Y	
HAM02238	RAPID RUN RD	PEDRETTI AV	OVERLOOK AV	34	312.00	AC	172	57	FAIR	Y	
HAM02242	RAPID RUN RD	ST LAWRENCE AV	GREENWICH AV	34	482.68	AC	144	65	FAIR	Y	
HAM15382	RATTERMAN AV	LISCHER AV	HARRISON AV	27	483.54	AC	422	54	POOR	Y	
HAM15404	RATTERMAN AV	MCKINLEY AV	LISCHER AV	26	874.66	AC	417	52	POOR	Y	
HAM35690	RAVENAL CT	MONTGOMERY RD	TERM NW OF MONTGOMERY RD	21	369.60	AC	650	93	GOOD	Y	
HAM22061	RAVENNA ST	CHANDLER ST	LUHN AV	21	958.06	AC	381	76	SATISFACTORY	Y	
HAM00529	RAVENNA ST	DESMOND ST	CHANDLER ST	26	413.44	AC	509	70	FAIR	Y	
HAM22077	RAVENNA ST	LUHN AV	CINC|COLUTP CORPLINE	16	276.13	AC	474	37	VERY POOR	Y	
HAM00551	RAVENNA ST	MADISON RD	SIERRA PARK PL	18	348.85	AC	576	45	POOR	Y	
HAM00550	RAVENNA ST	PEABODY AV	PRENTICE ST	24	477.99	AC	514	53	POOR	Y	
HAM33872	RAVENNA ST	PRENTICE ST	MADISON RD	19	343.39	AC	650	28	VERY POOR	Y	
HAM00530	RAVENNA ST	SIERRA PARK PL	DESMOND ST	17	327.78	AC	432	44	POOR	Y	
HAM38110	RAVENWOOD AV	KENNEDY AV	TERM E OF KENNEDY AV	25	532.45	AC	650	44	POOR	Y	
HAM11546	RAVENWOOD AV	TYNE AV	KENNEDY AV	21	394.09	AC	558	94	GOOD	Y	
HAM20028	RAVINE ST	ADA ST	VOLKERT ST	30	234.28	AC	296	95	GOOD	Y	
HAM19877	RAVINE ST	CASSATT ST	OLD MCMILLAN ST	29	251.16	AC	650	95	GOOD	Y	
HAM20037	RAVINE ST	CENTRAL PKWY	W MCMICKEN AV	37	292.98	AC	650	56	FAIR	Y	
HAM19896	RAVINE ST	CITY VIEW PL	FAIRVIEW PARK DR	36	544.60	AC	375	35	VERY POOR	Y	
HAM19888	RAVINE ST	FAIRVIEW PARK DR	WARNER ST	36	186.33	AC	433	40	VERY POOR	Y	
HAM32164	RAVINE ST	KLOTTER AV	CITY VIEW PL	35	244.16	AC	545	43	POOR	Y	
HAM19990	RAVINE ST	MOHAWK ST	KLOTTER AV	35	164.71	AC	650	46	POOR	Y	
HAM19876	RAVINE ST	OLD MCMILLAN ST	STRAIGHT ST	32	598.81	AC	550	59	FAIR	Y	
HAM19842	RAVINE ST	TILLOTSON ST	ADA ST	29	233.99	AC	200	95	GOOD	Y	
HAM20027	RAVINE ST	VOLKERT ST	CASSATT ST	31	222.19	AC	303	94	GOOD	Y	
HAM19991	RAVINE ST	W MCMICKEN AV	MOHAWK ST	37	113.89	AC	650	40	VERY POOR	Y	
HAM19843	RAVINE ST	WARNER ST	TILLOTSON ST	29	230.58	AC	294	95	GOOD	Y	
HAM02809	RAVOGLI AV	FLEETWOOD AV	PANCOAST AV	23	415.16	AC	404	51	POOR	Y	
HAM02793	RAVOGLI AV	OCOSTA AV	HARRISON AV	25	322.94	AC	650	57	FAIR	Y	
HAM02796	RAVOGLI AV	PANCOAST AV	OCOSTA AV	24	213.20	AC	243	70	FAIR	Y	
HAM40869	RAWSON FARM LN	MIDDLETON AV	TERM NE OF MIDDLETON AV	21	664.06	AC	499	81	SATISFACTORY	Y	
HAM60636	RAWSON PL	S CLUBCREST AV	TERM OF PUBLIC ROW	22	193.18	AC	479	40	VERY POOR	Y	
HAM10413	RAWSON WOODS CIR	RAWSON WOODS LN	RAWSON WOODS LN	18	855.60	AC	650	85	SATISFACTORY	Y	
HAM10410	RAWSON WOODS LN	MIDDLETON AV	RAWSON WOODS CIR	21	321.17	AC	411	84	SATISFACTORY	Y	
HAM10409	RAWSON WOODS LN	RAWSON WOODS CIR	RAWSON WOODS CIR	22	375.44	AC	580	92	GOOD	Y	
HAM39538	RAWSON WOODS LN	RAWSON WOODS CIR	TERM W OF RAWSON WOODS CIR	21	65.38	AC	650	89	GOOD	Y	
HAM20328	RAY AL	E 13TH ST	TERM N OF E 13TH ST	8	96.01	BR	650	-1		Y	
HAM12728	RAYMAR BLVD	CLOISTER CT	VICTORIA AV	24	652.34	AC	484	49	POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM09322	RAYMAR BLVD	ERIE AV	RAYMAR DR	25	520.72	AC	554	71	SATISFACTORY	Y	
HAM09294	RAYMAR BLVD	RAYMAR DR	CLOISTER CT	25	522.99	AC	288	38	VERY POOR	Y	
HAM12732	RAYMAR DR	RAYMAR BLVD	UNKNOWN	21	853.52	AC	391	48	POOR	Y	
HAM14686	RAYTEE TER	CLAUDIA CT	RONALDSON AV	25	297.52	AC	649	63	FAIR	Y	
HAM36903	READING LN	AVON DR	TERM N OF AVON DR	23	350.47	AC	650	94	GOOD	Y	
HAM00047	READING RD	AMBERLAWN AV	SUMMIT RD	44	525.46	AC	373	59	FAIR	Y	
HAM19317	READING RD	ANITA PL	CALIFORNIA AV	40	344.04	AC	201	75	SATISFACTORY	Y	
HAM23929	READING RD	AVON DR	TENNESSEE AV	42	1255.94	AC	394	61	FAIR	Y	
HAM19282	READING RD	AVONDALE AV	BARRY LN	50	310.68	AC	193	61	FAIR	Y	
HAM23914	READING RD	AVONLEA AV	YARMOUTH AV	40	368.01	AC	258	73	SATISFACTORY	Y	
HAM19284	READING RD	BARRY LN	DEBBE LN	40	422.91	AC	542	51	POOR	Y	
HAM19322	READING RD	BELLA VISTA ST	PORTMAN AV	41	431.11	AC	199	76	SATISFACTORY	Y	
HAM23915	READING RD	BERKLEY AV	JOSEPH ST	40	259.32	AC	262	88	GOOD	Y	
HAM21620	READING RD	BLAIR AV	MAPLE AV	52	301.54	AC	170	62	FAIR	Y	
HAM27846	READING RD	BOLIVAR AL	I-471 NB EXWY TO E LIBERTY ST RAMP	60	211.00	PCC	248	89	GOOD	Y	
HAM24179	READING RD	BOWMAN TER	UNION ST	50	255.04	AC	213	92	GOOD	Y	
HAM08684	READING RD	BUNKER AL	BROADWAY	31	126.78	AC	650	62	FAIR	Y	
HAM19091	READING RD	BURNET AV	MINNESOTA ST	52	638.36	AC	383	57	FAIR	Y	
HAM19367	READING RD	BURTON AV	DANA AV	50	461.52	AC	245	69	FAIR	Y	
HAM19321	READING RD	CALIFORNIA AV	ROSE PL	40	279.15	AC	253	66	FAIR	Y	
HAM21622	READING RD	CARPLIN PL	STEWART PL	53	249.78	AC	337	46	POOR	Y	
HAM19271	READING RD	CARRAHEN AV	LANGDON FARM RD	40	714.91	AC	175	76	SATISFACTORY	Y	
HAM19358	READING RD	CHALFONTE PL	S FRED SHUTTLESWORTH CIR	49	267.01	AC	262	49	POOR	Y	
HAM54114	READING RD	CINC|READNG CORPLINE	SUNNYBROOK DR	40	974.97	AC	239	56	FAIR	Y	
HAM27881	READING RD	CITY STEPS	READING RD TO I-71 NB RAMP	72	470.43	AC	192	71	SATISFACTORY	Y	
HAM21625	READING RD	CLEVELAND AV	PROSPECT PL	52	192.89	AC	265	68	FAIR	Y	
HAM19356	READING RD	CLINTON SPRINGS AV	LENOX PL	50	361.10	AC	255	54	POOR	Y	
HAM19350	READING RD	DANA AV	CLINTON SPRINGS AV	51	505.02	AC	214	73	SATISFACTORY	Y	
HAM27874	READING RD	DANDRIDGE ST	CITY STEPS	72	146.01	AC	199	69	FAIR	Y	
HAM19328	READING RD	DEBBE LN	ASMANN AV	41	763.40	AC	315	51	POOR	Y	
HAM27848	READING RD	E 12TH ST	BOLIVAR AL	54	142.60	PCC	650	88	GOOD	Y	
HAM27821	READING RD	E CENTRAL PKWY	PENDLETON ST	54	235.52	PCC	212	98	GOOD	Y	
HAM66741	READING RD	E CENTRAL PKWY	PENDLETON ST	59	244.51	PCC	230	94	GOOD	Y	
HAM24180	READING RD	E MARTIN LUTHER KING JR DR	BOWMAN TER	50	132.79	AC	218	93	GOOD	Y	
HAM35307	READING RD	E SEYMOUR AV	LOSANTIVILLE AV	78	1342.87	AC	279	68	FAIR	Y	
HAM08685	READING RD	EGGLESTON AV	BUNKER AL	39	79.08	AC	650	67	FAIR	Y	
HAM19323	READING RD	ELIZABETH PL	BELLA VISTA ST	41	226.02	AC	173	74	SATISFACTORY	Y	
HAM26230	READING RD	FOREST AV	HUTCHINS AV	51	301.74	AC	650	71	SATISFACTORY	Y	
HAM26231	READING RD	GHOLSON AV	CHALFONTE PL	49	526.08	AC	223	56	FAIR	Y	
HAM26227	READING RD	GLENWOOD AV	GHOLSON AV	51	444.23	AC	277	49	POOR	Y	
HAM08596	READING RD	GOETZ AL	SYCAMORE ST	24	332.03	AC	496	95	GOOD	Y	ONE WAY
HAM19273	READING RD	GREENVIEW PL	NORTHAMPTON DR	41	340.15	AC	231	77	SATISFACTORY	Y	
HAM21621	READING RD	HALE AV	BLAIR AV	52	392.99	AC	235	71	SATISFACTORY	Y	
HAM19089	READING RD	HELEN ST	KINSEY AV	54	555.42	AC	235	71	SATISFACTORY	Y	
HAM26229	READING RD	HUTCHINS AV	LEXINGTON AV	51	377.28	AC	332	63	FAIR	Y	
HAM27847	READING RD	I-471 NB EXWY TO E LIBERTY ST RAMP	DANDRIDGE ST	72	255.69	AC	275	72	SATISFACTORY	Y	
HAM27903	READING RD	I-71 SB TO READING RD RAMP	READING RD TO I-71 SB EXWY RAMP	31	950.12	AC	230	70	FAIR	Y	
HAM23913	READING RD	JOSEPH ST	AVONLEA AV	40	86.98	PCC	357	92	GOOD	Y	
HAM27982	READING RD	JUNE ST	OAK ST	52	546.87	AC	485	50	POOR	Y	
HAM19090	READING RD	KINSEY AV	BURNET AV	56	592.69	AC	272	46	POOR	Y	
HAM00058	READING RD	LANGDON FARM RD	STERNBLOCK LN	40	369.48	AC	260	82	SATISFACTORY	Y	
HAM19283	READING RD	LENOX PL	AVONDALE AV	50	705.24	AC	192	60	FAIR	Y	
HAM26225	READING RD	LEXINGTON AV	MANN PL	50	307.74	AC	252	48	POOR	Y	
HAM34672	READING RD	LINTON ST	E UNIVERSITY AV	51	433.83	AC	190	95	GOOD	Y	
HAM19543	READING RD	LOSANTIVILLE AV	ROSECLIFF AV	60	863.23	AC	181	67	FAIR	Y	
HAM08597	READING RD	MAIN ST	GOETZ AL	24	128.97	AC	650	95	GOOD	Y	ONE WAY
HAM26228	READING RD	MANN PL	GLENWOOD AV	50	273.57	AC	324	48	POOR	Y	
HAM21619	READING RD	MAPLE AV	CLEVELAND AV	51	176.05	AC	211	72	SATISFACTORY	Y	
HAM20381	READING RD	MCGREGOR AV	HELEN ST	54	355.76	AC	281	79	SATISFACTORY	Y	
HAM60111	READING RD	MERCY HEALTH PL	BERKLEY AV	50	333.33	AC	222	72	SATISFACTORY	Y	
HAM27981	READING RD	MINNESOTA ST	WILLIAM H TAFT RD	52	316.68	AC	242	67	FAIR	Y	
HAM19272	READING RD	NORTHAMPTON DR	CARRAHEN AV	41	446.03	AC	211	85	SATISFACTORY	Y	
HAM19553	READING RD	NORTHWOOD DR	AMBERLAWN AV	41	898.94	AC	251	50	POOR	Y	
HAM27984	READING RD	OAK ST	LINTON ST	51	536.70	AC	268	45	POOR	Y	
HAM27833	READING RD	PENDLETON ST	E 12TH ST	52	807.97	PCC	264	93	GOOD	Y	
HAM19275	READING RD	PORTMAN AV	GREENVIEW PL	42	317.43	AC	225	73	SATISFACTORY	Y	
HAM19008	READING RD	PROSPECT PL	WINDHAM AV	51	220.81	AC	650	66	FAIR	Y	
HAM63512	READING RD	READING RD	E MARTIN LUTHER KING JR DR	37	728.31	AC	199	91	GOOD	Y	
HAM27920	READING RD	READING RD TO I-71 NB RAMP	I-71 SB TO READING RD RAMP	50	964.67	AC	257	74	SATISFACTORY	Y	
HAM27917	READING RD	READING RD TO I-71 SB EXWY RAMP	MCGREGOR AV	55	1693.66	AC	208	51	POOR	Y	
HAM31451	READING RD	READING RD TO SR 562 EB RAMP	READING RD TO SR 562 WB RAMP	76	514.18	AC	484	85	SATISFACTORY	Y	
HAM60112	READING RD	READING RD TO SR 562 WB RAMP	MERCY HEALTH PL	50	229.17	AC	175	84	SATISFACTORY	Y	
HAM21624	READING RD	RIDGEWAY AV	CARPLIN PL	52	134.55	AC	324	47	POOR	Y	
HAM24172	READING RD	RIDGEWAY AV	RIDGEWAY AV	52	89.69	AC	218	51	POOR	Y	
HAM35303	READING RD	ROSE PL	ELIZABETH PL	40	288.26	AC	165	77	SATISFACTORY	Y	
HAM19546	READING RD	ROSECLIFF AV	SHENANDOAH AV	41	757.55	AC	261	54	POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM19357	READING RD	S FRED SHUTTLESWORTH CIR	BURTON AV	49	519.77	AC	264	71	SATISFACTORY	Y	
HAM19544	READING RD	SECTION RD	NORTHWOOD DR	40	480.26	AC	211	59	FAIR	Y	
HAM19545	READING RD	SHENANDOAH AV	SECTION RD	40	220.95	AC	324	48	POOR	Y	
HAM19332	READING RD	SHERMAN AV	ASMANN AV	40	1796.71	AC	313	50	POOR	Y	
HAM19334	READING RD	SHERMAN AV	CINC|NOR CORPLINE	51	744.16	AC	372	46	POOR	Y	
HAM19557	READING RD	STERNBLOCK LN	E SEYMOUR AV	71	1559.44	AC	201	76	SATISFACTORY	Y	
HAM21623	READING RD	STEWART PL	HALE AV	52	411.84	AC	274	36	VERY POOR	Y	
HAM54113	READING RD	SUMMIT RD	CINC|READNG CORPLINE	40	1025.55	AC	216	56	FAIR	Y	
HAM18989	READING RD	SUNNYBROOK DR	CINC|READNG CORPLINE	38	277.79	AC	264	59	FAIR	Y	
HAM08686	READING RD	SYCAMORE ST	EGGLESTON AV	51	299.23	AC	650	57	FAIR	Y	
HAM23925	READING RD	TENNESSEE AV	SR 562 EB TO READING RD RAMP	60	597.14	AC	263	79	SATISFACTORY	Y	
HAM19331	READING RD	TERM SW OF	AVON DR	40	458.80	AC	275	67	FAIR	Y	
HAM24184	READING RD	UNION ST	WHITTIER ST	52	507.01	AC	194	91	GOOD	Y	
HAM24182	READING RD	WHITTIER ST	RIDGEWAY AV	53	327.77	AC	234	46	POOR	Y	
HAM27983	READING RD	WILLIAM H TAFT RD	JUNE ST	52	215.49	AC	650	64	FAIR	Y	
HAM26226	READING RD	WINDHAM AV	FOREST AV	52	438.64	AC	400	65	FAIR	Y	
HAM19611	READING RD	YARMOUTH AV	ANITA PL	40	307.00	AC	274	84	SATISFACTORY	Y	
HAM27924	READING RD TO I-71 NB RAMP	READING RD	I-71 NB RAMP	39	1927.49	AC	166	97	GOOD	Y	ONE WAY
HAM27925	READING RD TO READING RD RAMP	READING RD	READING RD RAMP	29	2070.91	AC	139	96	GOOD	Y	ONE WAY
HAM23950	READING RD TO SR 562 EB RAMP	READING RD	SR 562 EB RAMP	20	1109.20	AC	182	65	FAIR	Y	ONE WAY
HAM23923	READING RD TO SR 562 WB RAMP	READING RD	NORWOOD LATERAL WB	28	1113.92	AC	170	67	FAIR	Y	ONE WAY
HAM25647	REALISTIC AV	TERM S OF DANA AV	DANA AV	20	699.42	AC	650	42	POOR	Y	
HAM14327	REBOLD LN	CAMPUS LN	PLYMOUTH AV	9	352.09	AC	650	27	VERY POOR	Y	
HAM50220	REBOLD LN	PLYMOUTH AV	TERM N OF PLYMOUTH AV	9	149.81	AC	650	79	SATISFACTORY	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM11273	RED BANK EXWY	BROTHERTON CT	RED BANK RD	58	361.09	AC	318	63	FAIR	Y	
HAM60355	RED BANK EXWY	CORSICA PL	HETZEL ST	55	1130.58	AC	232	57	FAIR	Y	
HAM64072	RED BANK EXWY	HERRINGBONE DR	RED BANK RD	35	423.60	AC	237	67	FAIR	Y	
HAM64071	RED BANK EXWY	HETZEL ST	HERRINGBONE DR	56	446.49	AC	522	59	FAIR	Y	
HAM00535	RED BANK EXWY	MADISON RD	MEDPACE WY	77	858.01	AC	650	62	FAIR	Y	
HAM61753	RED BANK EXWY	MEDPACE WY	CINC|COLUTP CORPLINE	25	2009.45	AC	164	81	SATISFACTORY	Y	
HAM61754	RED BANK EXWY	MEDPACE WY	CINC|COLUTP CORPLINE	25	2019.17	AC	161	73	SATISFACTORY	Y	
HAM00485	RED BANK EXWY	RED BANK RD	MADISON RD	48	573.91	AC	340	70	FAIR	Y	
HAM60354	RED BANK EXWY	RED BANK RD	CORSICA PL	55	1037.72	AC	284	60	FAIR	Y	
HAM61620	RED BANK EXWY	RED BANK RD	MADISON RD	48	586.74	AC	339	82	SATISFACTORY	Y	
HAM11513	RED BANK RD	AIKENSIDE AV	WOODFORD RD	35	1044.70	AC	412	39	VERY POOR	Y	
HAM31802	RED BANK RD	CENTENNIAL DR	CORSICA PL	20	309.14	AC	245	77	SATISFACTORY	Y	
HAM25706	RED BANK RD	CINC|COLUTP CORPLINE	ONONDAGO AV	37	1309.04	AC	328	42	POOR	Y	
HAM11278	RED BANK RD	CINC|FAIRFX CORPLINE	BROTHERTON CT	41	677.04	AC	514	62	FAIR	Y	
HAM33488	RED BANK RD	CORSICA PL	TOMPKINS AV	22	1073.77	AC	288	85	SATISFACTORY	Y	
HAM07149	RED BANK RD	DUCK CREEK RD	Cinc|ColTwp Corpline	33	1358.60	AC	364	52	POOR	Y	
HAM11494	RED BANK RD	DUNLOE AV	IONA AV	22	328.22	AC	259	55	POOR	Y	
HAM59233	RED BANK RD	FAIR LN	SHANNON WY	20	315.49	PCC	244	89	GOOD	Y	
HAM33975	RED BANK RD	HETZEL ST	MEDPACE WY	22	675.95	AC	615	30	VERY POOR	Y	
HAM11503	RED BANK RD	IBERIS AV	DUNLOE AV	23	238.10	AC	212	72	SATISFACTORY	Y	
HAM63472	RED BANK RD	IBERIS AV	IBERIS AV	25	123.51	AC	215	73	SATISFACTORY	Y	
HAM11497	RED BANK RD	IONA AV	STANDISH AV	20	340.71	AC	266	75	SATISFACTORY	Y	
HAM35692	RED BANK RD	KIRKUP AV	ODIN AV	15	366.05	AC	297	33	VERY POOR	Y	
HAM55428	RED BANK RD	MEDPACE WY	RED BANK EXWY	36	268.62	AC	650	72	SATISFACTORY	Y	
HAM53582	RED BANK RD	ODIN AV	TERM N OF ODIN AV	17	102.77	AC	650	52	POOR	Y	
HAM10325	RED BANK RD	ONONDAGO AV	AIKENSIDE AV	38	459.11	AC	301	41	POOR	Y	
HAM31801	RED BANK RD	RED BANK EXWY	CENTENNIAL DR	38	233.13	AC	478	77	SATISFACTORY	Y	
HAM59232	RED BANK RD	SHANNON WY	CINC|FAIRFX CORPLINE	20	1748.77	PCC	196	95	GOOD	Y	
HAM04765	RED BANK RD	STANDISH AV	ZINSLE AV	22	358.85	AC	510	75	SATISFACTORY	Y	
HAM25701	RED BANK RD	TERM S OF	ELLMARIE DR	32	822.27	AC	251	66	FAIR	Y	
HAM63473	RED BANK RD	TERM S OF	IBERIS AV	25	59.97	AC	138	77	SATISFACTORY	Y	
HAM54256	RED BANK RD	WALKER AV	CINC|SILVTN CORPLINE	28	120.81	AC	319	73	SATISFACTORY	Y	
HAM11514	RED BANK RD	WOODFORD RD	WALKER AV	24	620.76	AC	421	73	SATISFACTORY	Y	
HAM10907	RED BANK RD	WOODLAND RD	FAIR LN	48	1088.15	PCC	197	90	GOOD	Y	
HAM04764	RED BANK RD	ZINSLE AV	KIRKUP AV	17	354.02	AC	650	40	VERY POOR	Y	
HAM11903	RED BUD AV	AVON FIELDS LN	ROSE HILL AV	20	697.16	AC	506	78	SATISFACTORY	Y	
HAM11898	RED BUD AV	AVON FIELDS PL	AVON FIELDS LN	21	348.00	AC	461	52	POOR	Y	
HAM00126	RED BUD AV	BURTON WOODS LN	E MITCHELL AV	25	615.44	AC	633	94	GOOD	Y	
HAM05689	RED BUD AV	CLINTON SPRINGS AV	LEYMAN DR	24	833.09	AC	372	92	GOOD	Y	
HAM00128	RED BUD AV	E MITCHELL AV	ROSE HILL AV	26	408.18	AC	650	48	POOR	Y	
HAM00127	RED BUD AV	LEYMAN DR	BURTON WOODS LN	25	253.73	AC	221	93	GOOD	Y	
HAM11899	RED BUD AV	RED BUD PL	AVON FIELDS PL	20	346.85	AC	472	57	FAIR	Y	
HAM11900	RED BUD AV	ROSE HILL AV	RED BUD PL	25	377.53	AC	366	56	FAIR	Y	
HAM12863	RED BUD PL	RED BUD AV	ROSE HILL AV	21	582.96	AC	650	95	GOOD	Y	ONE WAY
HAM02262	REDCEDAR DR	FOLCHI DR	LEAFWOOD DR	24	534.38	AC	219	72	SATISFACTORY	Y	
HAM01965	REDCEDAR DR	LEAFWOOD DR	GROESBECK RD	23	371.19	AC	349	47	POOR	Y	
HAM01968	REDCEDAR DR	SUGARBERRY CT	FOLCHI DR	24	197.02	AC	224	76	SATISFACTORY	Y	
HAM36948	REDCEDAR DR	TERM S OF SUGARBERRY CT	SUGARBERRY CT	23	157.56	AC	448	77	SATISFACTORY	Y	
HAM37093	REDEAGLE WY	VAN KIRK AV	TERM NW OF VAN KIRK AV	26	398.81	AC	605	93	GOOD	Y	
HAM37932	REDFIELD PL	HANOVER CIR	TERM N OF HOKEL LN	25	154.50	AC	576	81	SATISFACTORY	Y	
HAM25679	REDFIELD PL	RANCHVALE DR	HANOVER CIR	25	711.30	AC	610	47	POOR	Y	
HAM05457	REDMOND AL	HUMBERT ST	WOOL ST	11	499.26	AC	650	92	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM05454	REDMOND AL	WOOL ST	BABB AL	11	365.00	AC	650	93	GOOD	Y	
HAM12125	REDWAY AV	DAKOTA AV	GLEN LYON AV	36	200.11	AC	548	63	FAIR	Y	
HAM12106	REDWAY AV	GLEN LYON AV	WINDING WY	35	668.79	AC	268	71	SATISFACTORY	Y	
HAM12111	REDWAY AV	LENOX PL	DAKOTA AV	36	587.41	AC	208	61	FAIR	Y	
HAM27765	REEDY ST	CULVERT ST	E COURT ST	37	543.48	AC	448	44	POOR	Y	
HAM27701	REEDY ST	E 8TH ST TO GILBERT AV RAMP	CULVERT ST	39	443.59	AC	650	63	FAIR	Y	
HAM37899	REEMELIN AV	TERM SE OF MEHMERT AV	MEHMERT AV	13	721.31	AC	650	31	VERY POOR	Y	
HAM35078	REFLECTION LN	ROCKINGHAM AV	RHODE ISLAND AV	20	570.70	AC	512	94	GOOD	Y	
HAM12778	REGENT AV	CORINTH AV	PADDOCK RD	26	408.14	AC	535	95	GOOD	Y	
HAM40479	REGENT AV	OAKDALE AV	OBERLIN AV	33	531.76	AC	650	94	GOOD	Y	
HAM12466	REGENT AV	OBERLIN AV	MATLOCK AV	32	519.27	AC	506	95	GOOD	Y	
HAM35279	REGENT AV	PADDOCK RD	OAKDALE AV	32	558.45	AC	650	95	GOOD	Y	
HAM40494	REGENT AV	TERM W OF CORINTH AV	CORINTH AV	25	360.28	AC	650	83	SATISFACTORY	Y	
HAM03302	REGINA AV	ST LAWRENCE AV	VINCENT AV	36	806.93	AC	514	49	POOR	Y	
HAM39693	REGINA GRAETER WY	TERM W OF PADDOCK RD	PADDOCK RD	24	1210.92	AC	390	79	SATISFACTORY	Y	
HAM38041	REID AV	TERM E OF HAMILTON AV	HAMILTON AV	25	1437.06	AC	194	95	GOOD	Y	
HAM35667	REINHOLD DR	SALFORD DR	SUMMIT RD	36	1395.25	AC	570	80	SATISFACTORY	Y	
HAM35664	REINHOLD DR	SUMMIT RD	TERM N OF SUMMIT RD	36	547.00	AC	495	35	VERY POOR	Y	
HAM03726	RELLEUM AV	GLENWAY AV	COVEDALE AV	24	2027.69	AC	372	54	POOR	Y	
HAM21773	RENFRO AV	DARTMOUTH DR	SWAN PL	21	536.01	AC	526	63	FAIR	Y	
HAM15324	RENFRO AV	SWAN PL	GLENMORE AV	21	538.37	AC	648	50	POOR	Y	
HAM39260	RENNER PL	TERM S OF KLOTTER AV	KLOTTER AV	16	163.40	AC	650	72	SATISFACTORY	Y	
HAM20002	RENNER ST	HAMBURG ST	TERM NW OF HAMBURG ST	24	330.06	AC	415	51	POOR	Y	
HAM53292	RENNER ST	TERM SE OF HAMBURG ST	HAMBURG ST	25	458.03	AC	650	64	FAIR	Y	
HAM53747	RENSHAW ST	MOERLEIN AV	TERM W OF MOERLEIN AV	12	143.48	AC	650	47	POOR	Y	
HAM06142	RENSLAR AV	BERTE ST	BRYSON ST	12	294.00	AC	195	95	GOOD	Y	
HAM06141	RENSLAR AV	BRYSON ST	CROSLIN ST	15	283.71	AC	320	87	GOOD	Y	
HAM06190	RENSLAR AV	CROSLIN ST	POMEROY ST	16	776.19	AC	158	93	GOOD	Y	
HAM06186	RENSLAR AV	KOEHLER ST	KELLOGG AV	17	189.32	AC	631	63	FAIR	Y	
HAM06147	RENSLAR AV	PANAMA ST	BERTE ST	11	253.02	AC	582	94	GOOD	Y	
HAM06137	RENSLAR AV	POMEROY ST	KOEHLER ST	17	212.87	AC	615	85	SATISFACTORY	Y	
HAM08481	REPUBLIC ST	GREEN ST	W ELDER ST	25	452.27	AC	650	87	GOOD	Y	ONE WAY
HAM08461	REPUBLIC ST	RUSS AL	GREEN ST	20	124.71	AC	515	79	SATISFACTORY	Y	ONE WAY
HAM54162	REPUBLIC ST	TERM S OF FINDLAY ST	FINDLAY ST	16	64.29	AC	650	50	POOR	Y	
HAM25845	REPUBLIC ST	W 12TH ST	W 13TH ST	19	424.42	AC	650	66	FAIR	Y	ONE WAY
HAM32210	REPUBLIC ST	W 13TH ST	W 14TH ST	19	425.23	AC	650	45	POOR	Y	ONE WAY
HAM21702	REPUBLIC ST	W 14TH ST	W 15TH ST	30	422.68	AC	650	52	POOR	Y	ONE WAY
HAM21710	REPUBLIC ST	W 15TH ST	W LIBERTY ST	32	493.18	AC	650	34	VERY POOR	Y	ONE WAY
HAM08457	REPUBLIC ST	W ELDER ST	BARDES AL	19	114.04	AC	650	87	GOOD	Y	
HAM21670	REPUBLIC ST	W LIBERTY ST	RUSS AL	19	426.56	AC	650	83	SATISFACTORY	Y	ONE WAY
HAM05488	RESOR AV	CLIFTON AV	RESOR PL	31	654.39	AC	498	81	SATISFACTORY	Y	
HAM05487	RESOR AV	MIDDLETON AV	HEDGEROW LN	29	346.97	AC	650	73	SATISFACTORY	Y	
HAM05472	RESOR AV	RESOR PL	MIDDLETON AV	30	293.41	AC	465	56	FAIR	Y	
HAM39526	RESOR PL	TERM S OF RESOR AV	RESOR AV	21	239.70	AC	650	91	GOOD	Y	
HAM00197	REVERE AV	CHELSEA PL	ROCKAWAY AV	24	270.46	AC	349	29	VERY POOR	Y	
HAM00224	REVERE AV	GRACELY DR	PRESCOTT ST	26	429.58	AC	562	41	POOR	Y	
HAM00213	REVERE AV	IVANHOE AV	TWAIN AV	18	515.56	AC	589	40	VERY POOR	Y	
HAM00216	REVERE AV	MACKENZIE AV	IVANHOE AV	20	307.58	AC	513	34	VERY POOR	Y	
HAM00223	REVERE AV	PRESCOTT ST	RICHARDSON PL	24	138.83	AC	612	47	POOR	Y	
HAM00225	REVERE AV	RICHARDSON PL	CHELSEA PL	25	270.97	AC	636	41	POOR	Y	
HAM00195	REVERE AV	RIVER RD	GRACELY DR	24	236.65	AC	643	38	VERY POOR	Y	
HAM00221	REVERE AV	ROCKAWAY AV	MACKENZIE AV	21	355.10	AC	407	46	POOR	Y	
HAM39472	REX AV	TERM S OF ISLINGTON AV	ISLINGTON AV	18	245.37	AC	650	88	GOOD	Y	
HAM30775	RHINE WY	ELIZABETH ST	RITTEHOUSE CT	18	123.99	AC	650	67	FAIR	Y	
HAM30895	RHINE WY	RITTEHOUSE CT	CHESTNUT ST	18	121.41	AC	650	70	FAIR	Y	
HAM12411	RHODE ISLAND AV	ANDINA AV	GARDEN LN	35	270.10	AC	160	85	SATISFACTORY	Y	
HAM12410	RHODE ISLAND AV	AVONLEA AV	NORTHCUTT AV	35	357.66	AC	238	88	GOOD	Y	
HAM12409	RHODE ISLAND AV	BERKLEY AV	AVONLEA AV	35	359.04	AC	186	93	GOOD	Y	
HAM12407	RHODE ISLAND AV	CATALINA AV	BERKLEY AV	36	323.80	AC	168	90	GOOD	Y	
HAM35297	RHODE ISLAND AV	DALE RD	TRUITT AV	34	325.76	AC	349	93	GOOD	Y	
HAM12478	RHODE ISLAND AV	DALEWOOD PL	DALE RD	35	258.38	AC	203	89	GOOD	Y	
HAM35072	RHODE ISLAND AV	ENCLAVE LN	ROCKINGHAM AV	36	143.31	AC	539	87	GOOD	Y	
HAM35071	RHODE ISLAND AV	FAITH ST	ENCLAVE LN	36	371.70	AC	186	93	GOOD	Y	
HAM12413	RHODE ISLAND AV	GARDEN LN	DALEWOOD PL	35	240.89	AC	189	86	GOOD	Y	
HAM23935	RHODE ISLAND AV	LAWN AV	CATALINA AV	36	488.22	AC	189	86	GOOD	Y	
HAM12412	RHODE ISLAND AV	NORTHCUTT AV	ANDINA AV	36	306.41	AC	188	83	SATISFACTORY	Y	
HAM12473	RHODE ISLAND AV	PORTMAN AV	FAITH ST	36	290.69	AC	216	89	GOOD	Y	
HAM35077	RHODE ISLAND AV	REFLECTION LN	LANGDON FARM RD	36	162.27	AC	445	88	GOOD	Y	
HAM35076	RHODE ISLAND AV	ROCKINGHAM AV	REFLECTION LN	36	348.99	AC	233	93	GOOD	Y	
HAM23939	RHODE ISLAND AV	ROSS AV	LAWN AV	36	624.02	AC	650	92	GOOD	Y	
HAM34502	RHODE ISLAND AV	SUNWALK DR	E SEYMOUR AV	37	230.11	AC	650	91	GOOD	Y	
HAM12476	RHODE ISLAND AV	TRUITT AV	CINC|NOR CORPLINE	34	183.23	AC	115	90	GOOD	Y	
HAM34504	RHODE ISLAND AV	YORKTOWN RD	SUNWALK DR	37	224.01	AC	650	91	GOOD	Y	
HAM20388	RICE ST	GAGE ST	JUSTIS ST	20	414.88	AC	411	42	POOR	Y	
HAM20384	RICE ST	JUSTIS ST	VALENCIA ST	24	249.67	AC	237	68	FAIR	Y	
HAM32200	RICE ST	VALENCIA ST	THILL ST	23	388.92	AC	246	68	FAIR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM20175	RICE ST	WALSH AL	GAGE ST	24	115.03	AC	650	63	FAIR	Y	
HAM05587	RICE ST	WINKLER ST	WALSH AL	25	128.80	AC	650	72	SATISFACTORY	Y	
HAM00337	RICHARDSON PL	REVERE AV	HILLSIDE AV	15	822.09	AC	451	69	FAIR	Y	
HAM25953	RICHMOND ST	LLOYD AL	PEALE AL	15	182.96	AC	223	64	FAIR	Y	ONE WAY
HAM26014	RICHMOND ST	PEALE AL	CENTRAL AV	15	139.50	AC	650	68	FAIR	Y	ONE WAY
HAM25949	RICHMOND ST	PENDERY AL	WATTS AL	14	325.49	AC	650	20	SERIOUS	Y	ONE WAY
HAM25951	RICHMOND ST	PLUM ST	LLOYD AL	16	129.25	AC	501	67	FAIR	Y	ONE WAY
HAM25950	RICHMOND ST	WATTS AL	PLUM ST	15	136.58	AC	650	21	SERIOUS	Y	ONE WAY
HAM02689	RICHTER ST	WILLIAMS ST	HORTON ST	16	286.89	AC	650	55	POOR	Y	
HAM37418	RICHWILL CT	TERM E OF SHADYMIST LN	SHADYMIST LN	26	204.85	AC	650	33	VERY POOR	Y	
HAM09231	RICHWOOD AV	LE BLOND AV	ARNOLD ST	17	359.23	AC	650	87	GOOD	Y	
HAM09422	RICHWOOD AV	SHEFFIELD AV	LE BLOND AV	21	828.75	AC	378	85	SATISFACTORY	Y	
HAM38942	RICHWOOD CIR	TERM S OF SHEFFIELD AV	RICHWOOD AV	30	567.42	AC	605	93	GOOD	Y	
HAM39271	RIDDLE CREST LN	RIDDLE VIEW LN	TERM W OF RIDDLE VIEW LN	26	126.63	AC	650	80	SATISFACTORY	Y	
HAM39272	RIDDLE CREST LN	TERM E OF RIDDLE VIEW LN	RIDDLE VIEW LN	27	133.48	AC	650	71	SATISFACTORY	Y	
HAM25581	RIDDLE RD	DECKEBACH AV	W MCMICKEN AV	36	978.87	AC	650	48	POOR	Y	
HAM25582	RIDDLE RD	MARSHALL AV	DECKEBACH AV	34	857.86	AC	433	55	POOR	Y	
HAM25520	RIDDLE RD	RIDDLE VIEW LN	SANDHEGER PL	37	136.92	AC	650	59	FAIR	Y	
HAM25519	RIDDLE RD	SANDHEGER PL	MARSHALL AV	36	408.43	AC	650	41	POOR	Y	
HAM33147	RIDDLE RD	W MARTIN LUTHER KING JR DR	RIDDLE VIEW LN	36	1044.10	AC	447	52	POOR	Y	
HAM25491	RIDDLE VIEW LN	RIDDLE RD	RIDDLE CREST LN	25	1055.55	AC	650	47	POOR	Y	
HAM12222	RIDGE AV	ACOMB AV	MAPLELEAF AV	44	117.01	AC	148	51	POOR	Y	
HAM26532	RIDGE AV	ALAMO AV	CALVERT ST	40	538.89	AC	650	43	POOR	Y	
HAM12846	RIDGE AV	ALLEY	SCHUBERT AV	30	222.78	AC	309	44	POOR	Y	
HAM12191	RIDGE AV	AUTEN AV	BEAVER AV	31	340.03	AC	367	34	VERY POOR	Y	
HAM12225	RIDGE AV	BEAVER AV	GLOSS AV	31	348.82	AC	311	40	VERY POOR	Y	
HAM12235	RIDGE AV	BELLEWOOD AV	PARKVIEW AV	29	886.35	AC	280	57	FAIR	Y	
HAM11579	RIDGE AV	BEREDITH PL	AMBR|CINC|COLUTP CORPLINE	31	546.63	AC	261	32	VERY POOR	Y	
HAM12803	RIDGE AV	BROTHERTON RD	CARDIFF AV	41	249.59	AC	650	36	VERY POOR	Y	
HAM26533	RIDGE AV	CALVERT ST	CUSHMAN AV	45	310.27	AC	353	53	POOR	Y	
HAM12821	RIDGE AV	CARDIFF AV	ORKNEY LN	41	808.21	AC	419	51	POOR	Y	
HAM54258	RIDGE AV	CINC|COLUTP CORPLINE	I-71 NB EXWY TO RIDGE AV RAMP	39	131.34	AC	368	77	SATISFACTORY	Y	
HAM64511	RIDGE AV	CINC|COLUTP CORPLINE	CINC|COLUTP CORPLINE	55	756.02	AC	216	71	SATISFACTORY	Y	
HAM53284	RIDGE AV	CUSHMAN AV	SR 562 EB TO RIDGE AV RAMP	55	355.54	AC	359	69	FAIR	Y	
HAM12236	RIDGE AV	GLOSS AV	NORHAM AV	30	230.25	AC	369	61	FAIR	Y	
HAM12855	RIDGE AV	HARVEST AV	BEREDITH PL	30	539.03	AC	226	36	VERY POOR	Y	
HAM26490	RIDGE AV	IBSEN AV	ALAMO AV	49	635.54	AC	443	56	FAIR	Y	
HAM26452	RIDGE AV	MADISON RD	IBSEN AV	51	826.33	AC	599	40	VERY POOR	Y	
HAM12188	RIDGE AV	MAPLELEAF AV	AUTEN AV	36	288.35	AC	228	44	POOR	Y	
HAM12138	RIDGE AV	MARBURG AV	BROTHERTON RD	49	309.61	AC	272	36	VERY POOR	Y	
HAM12833	RIDGE AV	MONTGOMERY RD	MONTWOOD AL	30	157.14	AC	396	58	FAIR	Y	
HAM12832	RIDGE AV	MONTWOOD AL	WOODSFIELD ST	29	112.25	AC	394	41	POOR	Y	
HAM12237	RIDGE AV	NORHAM AV	BELLEWOOD AV	30	113.35	AC	484	39	VERY POOR	Y	
HAM12010	RIDGE AV	ORION AV	MONTGOMERY RD	33	174.53	AC	361	41	POOR	Y	
HAM26471	RIDGE AV	ORKNEY LN	MADISON RD	49	641.57	AC	610	33	VERY POOR	Y	
HAM12074	RIDGE AV	PARKVIEW AV	WOODFORD RD	40	121.91	AC	287	79	SATISFACTORY	Y	
HAM12219	RIDGE AV	RIDGE AV RR XING	ACOMB AV	42	88.30	AC	650	49	POOR	Y	
HAM54257	RIDGE AV	RIDGE AV TO I-71 SB EXWY RAMP	CINC|COLUTP CORPLINE	58	261.53	AC	291	78	SATISFACTORY	Y	
HAM12854	RIDGE AV	SCHUBERT AV	TROY AV	30	321.46	AC	437	39	VERY POOR	Y	
HAM30127	RIDGE AV	SR 562 EB TO RIDGE AV RAMP	RIDGE AV TO I-71 SB EXWY RAMP	68	248.69	AC	470	64	FAIR	Y	
HAM12853	RIDGE AV	TROY AV	HARVEST AV	29	377.19	AC	240	36	VERY POOR	Y	
HAM12011	RIDGE AV	WOODFORD RD	ORION AV	43	326.78	AC	284	50	POOR	Y	
HAM12847	RIDGE AV	WOODSFIELD ST	ALLEY	29	138.07	AC	275	38	VERY POOR	Y	
HAM53456	RIDGE AV TO I-71 SB EXWY RAMP	CALVERT ST	RIDGE AV TO I-71 SB EXWY RAMP	19	464.53	AC	147	86	GOOD	Y	ONE WAY
HAM63837	RIDGE AV TO I-71 SB EXWY RAMP	KENNECTOR ST	RIDGE AV TO I-71 SB EXWY RAMP	23	517.98	PCC	253	96	GOOD	Y	ONE WAY
HAM30134	RIDGE AV TO I-71 SB EXWY RAMP	RIDGE AV TO NORWOOD LATERAL WB RAMP	RIDGE AV TO I-71 SB EXWY RAMP	18	977.52	AC	199	90	GOOD	Y	ONE WAY
HAM57193	RIDGE AV TO MILL RIDGE RD RAMP	RIDGE AV	MILL RIDGE RD	30	349.08	PCC	175	96	GOOD	Y	ONE WAY
HAM53291	RIDGE AV TO NORWOOD LATERAL WB RAMP	RIDGE AV TO I-71 SB EXWY RAMP	RIDGE AV TO NORWOOD LATERAL WB RAMP	22	1264.02	AC	103	91	GOOD	Y	ONE WAY
HAM12042	RIDGEACRES DR	LANGDON FARM RD	CINC|GOLFMN CORPLINE	24	230.62	AC	461	85	SATISFACTORY	Y	
HAM37275	RIDGECLIFFE AV	FERNVIEW AV	TERM E OF FERNVIEW AV	24	486.28	AC	425	94	GOOD	Y	
HAM37276	RIDGECLIFFE AV	TERM W OF FERNVIEW AV	FERNVIEW AV	24	429.59	AC	370	93	GOOD	Y	
HAM37860	RIDGELAND PL	BOSWORTH PL	TERM SE OF MONTGOMERY RD	26	895.60	AC	650	33	VERY POOR	Y	
HAM31962	RIDGETOP WY	OAKTREE PL	QUEEN CITY AV	24	819.79	PCC	650	80	SATISFACTORY	Y	
HAM37703	RIDGETOP WY	TERM S OF OAKTREE PL	OAKTREE PL	29	173.33	AC	650	65	FAIR	Y	
HAM02245	RIDGEVIEW AV	DELEHANTY CT	GREENWICH AV	25	406.82	AC	650	42	POOR	Y	
HAM03352	RIDGEVIEW AV	HERMOSA AV	DELEHANTY CT	24	315.53	AC	650	87	GOOD	Y	
HAM03348	RIDGEVIEW AV	SCHIFF AV	HERMOSA AV	25	1094.04	AC	277	95	GOOD	Y	
HAM24143	RIDGEWAY AV	ALAMEDA PL	READING RD	24	363.26	AC	650	47	POOR	Y	
HAM26316	RIDGEWAY AV	BLAIR CT	CLEVELAND AV	30	436.17	AC	297	74	SATISFACTORY	Y	
HAM26312	RIDGEWAY AV	DREXEL PL	BLAIR CT	30	1110.82	AC	532	73	SATISFACTORY	Y	
HAM05830	RIDGEWAY AV	HARVEY AV	ALAMEDA PL	24	516.22	AC	540	68	FAIR	Y	
HAM26236	RIDGEWAY AV	MILTON CT	DREXEL PL	30	234.21	AC	650	84	SATISFACTORY	Y	
HAM26237	RIDGEWAY AV	PERKINS AV	MILTON CT	30	189.89	AC	650	85	SATISFACTORY	Y	
HAM34706	RIDGEWAY AV	READING RD	PERKINS AV	25	1334.06	AC	521	83	SATISFACTORY	Y	
HAM05360	RIDGLEY ST	BABB AL	RIVERSIDE DR	24	138.66	AC	650	95	GOOD	Y	
HAM02086	RIDLEN AV	GLENWAY AV	MAYFIELD AV	14	633.62	AC	650	75	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM02024	RING PL	RING PL	RING PL	16	335.27	AC	300	57	FAIR	Y	
HAM02025	RING PL	RING PL	UNDERWOOD PL	16	211.23	AC	520	55	POOR	Y	
HAM02554	RING PL	RING PL	GRAND AV	20	814.14	AC	650	41	POOR	Y	
HAM39216	RING PL	TERM SE OF RING PL SPLIT	RING PL	19	602.79	AC	532	73	SATISFACTORY	Y	
HAM02023	RING PL	UNDERWOOD PL	RING PL	15	118.34	AC	650	41	POOR	Y	
HAM26107	RINGGOLD ST	ELIJAH AL	HIGHLAND AV	33	123.71	AC	650	49	POOR	Y	
HAM26127	RINGGOLD ST	JOSEPHINE ST	YOUNG ST	35	297.55	AC	268	74	SATISFACTORY	Y	
HAM26106	RINGGOLD ST	YOUNG ST	ELIJAH AL	35	647.92	AC	432	48	POOR	Y	
HAM14802	RIPPLEWOOD LN	BUDWOOD CT	FLOWERWOOD CT	24	313.63	AC	413	26	VERY POOR	Y	
HAM39024	RIPPLEWOOD LN	FLOWERWOOD CT	TERM E OF FLOWERWOOD CT	23	360.72	AC	615	36	VERY POOR	Y	
HAM39035	RIPPLEWOOD LN	TERM SW OF TRAILWOOD DR	TRAILWOOD DR	24	582.15	AC	650	54	POOR	Y	
HAM14804	RIPPLEWOOD LN	TRAILWOOD DR	BUDWOOD CT	25	331.19	AC	650	49	POOR	Y	
HAM06453	RITCHIE AV	MENLO AV	STETTINIUS AV	26	551.65	AC	560	41	POOR	Y	
HAM30777	RITTEHOUSE CT	RUHR WY	RHINE WY	16	379.55	AC	436	67	FAIR	Y	
HAM06971	RIVER RD	ACCESS RD	MAAG ST	49	474.90	AC	225	64	FAIR	Y	
HAM17691	RIVER RD	ANDERSON FERRY RD	CATHCART ST	49	667.65	AC	388	71	SATISFACTORY	Y	
HAM06952	RIVER RD	ANSONIA AV	MT HOPE AV	47	588.50	AC	134	89	GOOD	Y	
HAM06972	RIVER RD	BARKLEY AV	ACCESS RD	59	1319.65	AC	184	76	SATISFACTORY	Y	
HAM06965	RIVER RD	BAURICHTER ST	EDGAR ST	50	1567.06	AC	222	55	POOR	Y	
HAM13405	RIVER RD	BENDER RD	DART ST	51	3180.55	AC	205	77	SATISFACTORY	Y	
HAM17690	RIVER RD	CATHCART ST	FENIMORE ST	48	862.68	AC	190	69	FAIR	Y	
HAM22336	RIVER RD	DARBY RD	BENDER RD	48	4950.11	AC	181	70	FAIR	Y	
HAM06912	RIVER RD	DART ST	GRACELY DR	66	617.46	AC	190	80	SATISFACTORY	Y	
HAM12994	RIVER RD	DELHI AV	FAIRBANKS AV	76	317.54	AC	137	75	SATISFACTORY	Y	
HAM06960	RIVER RD	EDGAR ST	MCGINNIS AV	51	1109.43	AC	196	67	FAIR	Y	
HAM60957	RIVER RD	ELBERON AV TO W 6TH EB RAMP	STATE AV	24	1837.29	PCC	205	90	GOOD	Y	
HAM65973	RIVER RD	FAIRBANKS AV	STEFAN CREMER LN	67	813.02	AC	272	86	GOOD	Y	
HAM22351	RIVER RD	FENIMORE ST	STILLE DR	50	6801.02	AC	197	66	FAIR	Y	
HAM06953	RIVER RD	GALVIN LN	MT ECHO DR	45	768.59	AC	139	86	GOOD	Y	
HAM06913	RIVER RD	GRACELY DR	REVERE AV	49	1993.55	AC	146	81	SATISFACTORY	Y	
HAM11179	RIVER RD	GRACELY DR	KIBBY LN	50	1975.99	AC	135	86	GOOD	Y	
HAM06967	RIVER RD	HILLSIDE AV	INGALLS ST	50	972.38	AC	221	70	FAIR	Y	
HAM06961	RIVER RD	IDAHO ST	LELAND AV	49	561.96	AC	233	57	FAIR	Y	
HAM12995	RIVER RD	ILLINOIS AV	HILLSIDE AV	42	2751.64	AC	210	72	SATISFACTORY	Y	
HAM06968	RIVER RD	INGALLS ST	LILIENTHAL ST	49	500.66	AC	232	70	FAIR	Y	
HAM11180	RIVER RD	KIBBY LN	THREE RIVERS PKWY	52	325.97	AC	245	85	SATISFACTORY	Y	
HAM06962	RIVER RD	LELAND AV	WISCONSIN AV	55	248.57	AC	181	64	FAIR	Y	
HAM06969	RIVER RD	LILIENTHAL ST	IDAHO ST	50	529.04	AC	264	62	FAIR	Y	
HAM17692	RIVER RD	MAAG ST	ANDERSON FERRY RD	60	3450.91	AC	248	65	FAIR	Y	
HAM61496	RIVER RD	MCGINNIS AV	RIVER ROAD ACCS	24	393.90	AC	634	51	POOR	Y	ONE WAY
HAM64031	RIVER RD	MCGINNIS AV	RIVER ROAD ACCS	50	382.88	AC	171	74	SATISFACTORY	Y	
HAM11177	RIVER RD	MONITOR AV	WILKINS SHORT RD	50	3735.26	AC	130	81	SATISFACTORY	Y	
HAM65155	RIVER RD	MT ECHO DR	RIVER RD	55	562.33	AC	536	85	SATISFACTORY	Y	
HAM66557	RIVER RD	MT ECHO DR	TERM W OF MT ECHO DR	55	510.07	AC	136	69	FAIR	Y	
HAM06956	RIVER RD	MT HOPE AV	GALVIN LN	46	764.56	AC	121	90	GOOD	Y	
HAM32310	RIVER RD	REVERE AV	MONITOR AV	54	2331.36	AC	135	78	SATISFACTORY	Y	
HAM61495	RIVER RD	RIVER ROAD ACCS	TYLER ST	24	764.27	AC	638	48	POOR	Y	
HAM64032	RIVER RD	RIVER ROAD ACCS	TYLER ST	50	726.75	AC	173	67	FAIR	Y	
HAM09879	RIVER RD	RIVER WB RD TO WARSAW AV RAMP	STATE AV	44	1020.60	PCC	524	89	GOOD	Y	
HAM12993	RIVER RD	SOUTHSIDE AV	STEINER AV	40	186.61	AC	148	69	FAIR	Y	
HAM06958	RIVER RD	STATE AV	ANSONIA AV	47	1211.14	PCC	153	92	GOOD	Y	
HAM65974	RIVER RD	STEFAN CREMER LN	ILLINOIS AV	67	145.83	AC	231	79	SATISFACTORY	Y	
HAM12992	RIVER RD	STEINER AV	DELHI AV	65	288.78	AC	135	82	SATISFACTORY	Y	
HAM22335	RIVER RD	STILLE DR	WOCHER AV	48	2713.40	AC	170	71	SATISFACTORY	Y	
HAM66556	RIVER RD	TERM W OF MT ECHO DR	SOUTHSIDE AV	55	1964.00	AC	275	68	FAIR	Y	
HAM06959	RIVER RD	TYLER ST	BARKLEY AV	18	359.12	AC	650	72	SATISFACTORY	Y	ONE WAY
HAM64033	RIVER RD	TYLER ST	BARKLEY AV	50	384.18	AC	215	58	FAIR	Y	
HAM60954	RIVER RD	W 6TH ST	RIVER WB RD TO ELBERON AV RAMP	48	645.89	PCC	174	95	GOOD	Y	
HAM11176	RIVER RD	WILKINS SHORT RD	THORNTON AV	50	2336.74	AC	147	78	SATISFACTORY	Y	
HAM06970	RIVER RD	WISCONSIN AV	BAURICHTER ST	60	538.17	AC	188	66	FAIR	Y	
HAM60956	RIVER WB RD TO ELBERON AV RAMP	RIVER WB RD	ELBERON AV	30	1900.88	PCC	238	98	GOOD	Y	ONE WAY
HAM60955	RIVER WB RD TO WARSAW AV RAMP	RIVER WB RD	WARSAW AV	30	1455.44	PCC	205	96	GOOD	Y	ONE WAY
HAM19103	RIVERSIDE DR	ADAMS XING	BAINS ST	43	3446.22	AC	135	95	GOOD	Y	
HAM18997	RIVERSIDE DR	BAINS ST	KEMPER LN	48	1455.98	AC	144	95	GOOD	Y	
HAM19005	RIVERSIDE DR	BAYOU ST	TORRENCE RD	41	221.91	AC	205	95	GOOD	Y	
HAM19016	RIVERSIDE DR	BROWN ST	MAYAPPLE ST	41	293.94	AC	82	95	GOOD	Y	
HAM19372	RIVERSIDE DR	COLLINS AV	BAYOU ST	40	1773.51	AC	107	94	GOOD	Y	
HAM19036	RIVERSIDE DR	CORBIN ST	ST PETERS ST	40	356.89	AC	93	95	GOOD	Y	
HAM19032	RIVERSIDE DR	GOTHAM PL	ST ANDREWS ST	39	1101.14	AC	91	94	GOOD	Y	
HAM18999	RIVERSIDE DR	HAZEN ST	MERIVALE ST	39	453.93	AC	135	94	GOOD	Y	
HAM18992	RIVERSIDE DR	KEMPER LN	HAZEN ST	40	3571.30	AC	133	95	GOOD	Y	
HAM19029	RIVERSIDE DR	LUMBER ST	GOTHAM PL	39	1279.51	AC	137	95	GOOD	Y	
HAM19017	RIVERSIDE DR	MAYAPPLE ST	RIDGLEY ST	40	291.66	AC	82	95	GOOD	Y	
HAM18998	RIVERSIDE DR	MERIVALE ST	VANCE ST	39	538.43	AC	128	95	GOOD	Y	
HAM19019	RIVERSIDE DR	PAGE ST	WATSON ST	42	289.23	AC	68	95	GOOD	Y	
HAM60634	RIVERSIDE DR	PITTSBURG ST	CORBIN ST	45	514.59	AC	74	95	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM19018	RIVERSIDE DR	RIDGLEY ST	PAGE ST	40	293.16	AC	65	95	GOOD	Y	
HAM19022	RIVERSIDE DR	SETCHELL ST	STRADER AV	40	433.20	AC	93	95	GOOD	Y	
HAM60633	RIVERSIDE DR	ST ANDREWS ST	PITTSBURG ST	45	455.80	AC	104	95	GOOD	Y	
HAM19015	RIVERSIDE DR	ST PETERS ST	BROWN ST	40	351.86	AC	69	95	GOOD	Y	
HAM19023	RIVERSIDE DR	STRADER AV	WORTH ST	55	310.85	AC	119	95	GOOD	Y	
HAM19007	RIVERSIDE DR	TORRENCE RD	LUMBER ST	40	162.73	AC	103	95	GOOD	Y	
HAM19373	RIVERSIDE DR	VANCE ST	COLLINS AV	46	1507.16	AC	141	95	GOOD	Y	
HAM19020	RIVERSIDE DR	WATSON ST	WENNER ST	41	292.21	AC	78	95	GOOD	Y	
HAM19021	RIVERSIDE DR	WENNER ST	SETCHELL ST	43	265.91	AC	129	95	GOOD	Y	
HAM19024	RIVERSIDE DR	WORTH ST	EASTERN AV	61	163.44	AC	650	94	GOOD	Y	
HAM13246	ROANOKE ST	DESMOND ST	CHANDLER ST	25	351.34	AC	650	36	VERY POOR	Y	
HAM13123	ROANOKE ST	GRANADA ST	UNNAMED AL	26	462.94	AC	169	90	GOOD	Y	
HAM13116	ROANOKE ST	MADISON RD	EAST LEDGE ST	21	366.36	AC	557	56	FAIR	Y	
HAM38216	ROANOKE ST	TERM S OF GRANADA ST	GRANADA ST	26	273.73	AC	349	93	GOOD	Y	
HAM13122	ROANOKE ST	UNNAMED AL	MADISON RD	26	173.37	AC	650	68	FAIR	Y	
HAM37098	ROBB ST	TERM SW OF AIRPORT RD	AIRPORT RD	19	348.31	AC	650	48	POOR	Y	
HAM00708	ROBERS AV	COLERAIN AV	WIELERT AV	24	350.91	AC	650	73	SATISFACTORY	Y	
HAM15077	ROBERS AV	WIELERT AV	CINC|GREETP CORPLINE	24	842.48	AC	384	60	FAIR	Y	
HAM02751	ROBERT AV	HOMESTEAD PL	KARLA DR	28	792.78	AC	650	51	POOR	Y	
HAM02759	ROBERT AV	KARLA DR	CAVANAUGH AV	27	722.82	AC	448	59	FAIR	Y	
HAM24123	ROBERTSON AV	28TH ST	EILEEN DR	35	367.24	AC	579	38	VERY POOR	Y	
HAM24120	ROBERTSON AV	31ST AV	32ND AV	36	330.01	AC	212	37	VERY POOR	Y	
HAM24119	ROBERTSON AV	32ND AV	33RD AV	36	328.57	AC	246	29	VERY POOR	Y	
HAM12250	ROBERTSON AV	33RD AV	34TH AV	36	329.36	AC	252	29	VERY POOR	Y	
HAM12253	ROBERTSON AV	34TH AV	VERNE AV	36	313.34	AC	384	31	VERY POOR	Y	
HAM53887	ROBERTSON AV	BEECH ST	CINC|NOR CORPLINE	36	1081.99	AC	487	70	FAIR	Y	
HAM21321	ROBERTSON AV	BROWNWAY AV	APPLETON ST	34	303.89	AC	302	27	VERY POOR	Y	
HAM53886	ROBERTSON AV	CINC|NOR CORPLINE	28TH ST	48	223.74	AC	305	56	FAIR	Y	
HAM24121	ROBERTSON AV	EILEEN DR	31ST AV	35	332.53	AC	191	28	VERY POOR	Y	
HAM21322	ROBERTSON AV	VERNE AV	BROWNWAY AV	34	274.01	AC	410	27	VERY POOR	Y	
HAM03592	ROBINET DR	ANDERSON FERRY RD	FORAN DR	19	539.42	AC	289	40	VERY POOR	Y	
HAM03615	ROBINET DR	FORAN DR	GEROLD DR	18	680.75	AC	308	52	POOR	Y	
HAM03683	ROBINET DR	GEROLD DR	CINC|GREETP CORPLINE	20	135.96	AC	605	39	VERY POOR	Y	
HAM37890	ROBINSON CIR	HAMILTON AV	TERM W OF HAMILTON AV	25	601.98	AC	467	63	FAIR	Y	
HAM19492	ROBINWOOD AV	ELMSHADE AV	PARKDALE AV	26	457.94	AC	338	34	VERY POOR	Y	
HAM37858	ROBINWOOD AV	TERM W OF ELMSHADE AV	ELMSHADE AV	20	526.53	AC	496	60	FAIR	Y	
HAM07545	ROBISON RD	EDGEVIEW DR	WOODFORD RD	34	555.58	AC	650	50	POOR	Y	
HAM07544	ROBISON RD	GLEN EDGE LN	SKYVIEW LN	25	243.07	AC	309	49	POOR	Y	
HAM07542	ROBISON RD	KENNEDY AV	GLEN EDGE LN	27	284.02	AC	588	37	VERY POOR	Y	
HAM07546	ROBISON RD	SKYVIEW LN	EDGEVIEW DR	25	265.65	AC	277	39	VERY POOR	Y	
HAM11581	ROBISON RD	WOODFORD RD	MONTGOMERY RD	19	2369.61	AC	504	77	SATISFACTORY	Y	
HAM01854	ROBLEY AV	KIRBY AV	CRESAP AV	17	460.56	AC	650	79	SATISFACTORY	Y	
HAM00312	ROCKAWAY AV	HOME CITY AV	HILLSIDE AV	19	432.25	AC	612	39	VERY POOR	Y	
HAM00313	ROCKAWAY AV	REVERE AV	HOME CITY AV	18	505.39	AC	543	19	SERIOUS	Y	
HAM09754	ROCKDALE AV	BURNET AV	HARVEY AV	40	613.90	AC	335	93	GOOD	Y	
HAM05710	ROCKDALE AV	DURY AV	LARONA AV	30	355.45	AC	646	94	GOOD	Y	
HAM26287	ROCKDALE AV	FOREST AV	WINDHAM AV	31	1509.21	AC	420	48	POOR	Y	
HAM05949	ROCKDALE AV	HARVEY AV	WASHINGTON AV	42	715.13	AC	358	92	GOOD	Y	
HAM39611	ROCKDALE AV	KNOTT ST	TERM E OF KNOTT ST	41	763.56	AC	211	93	GOOD	Y	
HAM05711	ROCKDALE AV	LARONA AV	WILSON AV	30	372.89	AC	650	76	SATISFACTORY	Y	
HAM05862	ROCKDALE AV	WASHINGTON AV	KNOTT ST	40	273.33	AC	77	94	GOOD	Y	
HAM05706	ROCKDALE AV	WILSON AV	BURNET AV	36	847.01	AC	258	88	GOOD	Y	
HAM26351	ROCKDALE AV	WINDHAM AV	VICTORY PKWY	51	515.34	AC	300	56	FAIR	Y	
HAM02182	ROCKFORD PL	DOVETAIL LN	HART AV	21	710.87	AC	465	83	SATISFACTORY	Y	
HAM02181	ROCKFORD PL	HART AV	HOWARD AV	20	328.43	AC	537	94	GOOD	Y	
HAM37104	ROCKFORD PL	HASSMAN CT	HIGHHOLLOW LN	25	238.62	AC	650	95	GOOD	Y	
HAM31099	ROCKFORD PL	HIGHHOLLOW LN	DOVETAIL LN	24	223.67	AC	631	90	GOOD	Y	
HAM31092	ROCKFORD PL	HOWARD AV	HAMILTON AV	21	247.00	AC	539	93	GOOD	Y	
HAM35074	ROCKINGHAM AV	LACONIA AV	REFLECTION LN	24	207.04	AC	650	79	SATISFACTORY	Y	
HAM35075	ROCKINGHAM AV	REFLECTION LN	RHODE ISLAND AV	26	194.62	AC	650	66	FAIR	Y	
HAM14277	ROCKLAND AV	ABERDEEN ST	MORROW ST	13	500.77	AC	515	25	SERIOUS	Y	
HAM14285	ROCKLAND AV	BENNEVILLE ST	ABERDEEN ST	14	352.79	AC	650	30	VERY POOR	Y	
HAM53935	ROCKWELL RD	CINC|DELHTP CORPLINE	FOLEY RD	16	452.01	AC	650	78	SATISFACTORY	Y	
HAM53934	ROCKWELL RD	ROEBLING RD	CINC|DELHTP CORPLINE	16	162.51	AC	650	77	SATISFACTORY	Y	
HAM37806	RODEO CT	TERM SE OF MUSTANG DR	MUSTANG DR	24	399.80	AC	284	95	GOOD	Y	
HAM08953	RODNEY AL	E 12TH ST	E 13TH ST	8	431.93		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BLOCKED BY GATE / BRICK
HAM08951	RODNEY AL	E 13TH ST	HART AL	9	143.36		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM32209	RODNEY AL	HART AL	MERCER ST	9	173.87		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM09006	RODNEY AL	MERCER ST	E 14TH ST	9	234.53		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM13152	ROE ST	BLANEY AV	PLAINVILLE RD	31	533.77	AC	460	42	POOR	Y	
HAM06535	ROE ST	CAROTHERS ST	TOMPKINS AV	25	93.64	AC	650	46	POOR	Y	
HAM06500	ROE ST	CHIPPEWA ST	ERIE AV	26	309.44	AC	650	31	VERY POOR	Y	
HAM06489	ROE ST	ERIE AV	LUCERNE AV	26	305.50	AC	339	34	VERY POOR	Y	
HAM13140	ROE ST	GLENSHADE AV	HOMER AV	40	134.13	AC	434	27	VERY POOR	Y	
HAM13141	ROE ST	HOMER AV	WINONA TER	40	196.91	AC	455	27	VERY POOR	Y	
HAM13154	ROE ST	JAMESON ST	BLANEY AV	30	343.09	AC	267	47	POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM06490	ROE ST	LUCERNE AV	THOBURNE ST	27	176.84	AC	305	36	VERY POOR	Y	
HAM13151	ROE ST	MARIETTA ST	JAMESON ST	30	203.02	AC	360	37	VERY POOR	Y	
HAM06567	ROE ST	MATHIS ST	SIMPSON AV	40	393.61	AC	404	29	VERY POOR	Y	
HAM13160	ROE ST	PLAINVILLE RD	CINC|COLUTP CORPLINE	26	380.74	AC	324	95	GOOD	Y	
HAM13149	ROE ST	SETTLE ST	MARIETTA ST	30	233.22	AC	311	36	VERY POOR	Y	
HAM13139	ROE ST	SIMPSON AV	GLENSHADE AV	40	316.85	AC	311	28	VERY POOR	Y	
HAM06548	ROE ST	THOBURNE ST	WHETSEL AV	27	194.04	AC	502	35	VERY POOR	Y	
HAM06551	ROE ST	UNNAMED AL	WARD ST	40	171.41	AC	393	30	VERY POOR	Y	
HAM06553	ROE ST	WARD ST	MATHIS ST	40	345.71	AC	419	29	VERY POOR	Y	
HAM06549	ROE ST	WHETSEL AV	UNNAMED AL	40	172.03	AC	650	30	VERY POOR	Y	
HAM13144	ROE ST	WINONA TER	SETTLE ST	30	651.48	AC	381	54	POOR	Y	
HAM03487	ROEBLING RD	PANORAMA CT	ROCKWELL RD	17	298.35	AC	334	93	GOOD	Y	
HAM03457	ROEBLING RD	ROCKWELL RD	VIRGIL RD	18	368.64	AC	650	87	GOOD	Y	
HAM03488	ROEBLING RD	TRENTON AV	PANORAMA CT	20	151.21	AC	650	82	SATISFACTORY	Y	
HAM11541	ROGERS PARK PL	BEECHVIEW CIR	ZINSLE AV	23	221.18	AC	650	61	FAIR	Y	
HAM38090	ROGERS PARK PL	TERM S OF BEECHVIEW CIR	BEECHVIEW CIR	23	270.32	AC	650	70	FAIR	Y	
HAM33927	ROGERS PARK PL	ZINSLE AV	MONTGOMERY RD	19	489.84	AC	494	70	FAIR	Y	
HAM05571	ROGERS PL	GILBERT AV	ST JAMES AV	29	547.43	AC	650	91	GOOD	Y	
HAM06167	ROHDE AV	BERTE ST	BRYSON ST	14	290.77	AC	223	87	GOOD	Y	
HAM06165	ROHDE AV	BRYSON ST	CROSLIN ST	16	289.59	AC	326	90	GOOD	Y	
HAM06163	ROHDE AV	CROSLIN ST	SMITH AL	19	145.71	AC	316	93	GOOD	Y	
HAM06156	ROHDE AV	LINNEMAN ST	KELLOGG AV	23	273.49	AC	500	93	GOOD	Y	
HAM06160	ROHDE AV	LINNEMAN ST	LINNEMAN ST	20	125.60	AC	202	95	GOOD	Y	
HAM06168	ROHDE AV	PANAMA ST	BERTE ST	14	241.30	AC	650	77	SATISFACTORY	Y	
HAM06162	ROHDE AV	SMITH AL	LINNEMAN ST	20	315.93	AC	246	95	GOOD	Y	
HAM06192	ROHDE AV	TERM W OF PANAMA ST	PANAMA ST	11	340.54	AC	650	36	VERY POOR	Y	
HAM19862	ROHS ST	VOCKELL LN	CLIFTON AV	31	142.22	AC	650	54	POOR	Y	
HAM33129	ROHS ST	WARNER ST	VOCKELL LN	30	990.66	AC	598	65	FAIR	Y	
HAM28160	ROLL AV	RALSTON AV	DREMAN AV	32	589.02	AC	243	40	VERY POOR	Y	
HAM38544	ROLL AV	TERM S OF RALSTON AV	RALSTON AV	23	328.50	AC	569	45	POOR	Y	
HAM19727	ROMANA PL	EILEEN DR	MADISON RD	20	946.18	AC	310	100	GOOD	Y	ONE WAY
HAM14791	RONALDSON AV	RAYTEE TER	CORBLY ST	15	375.02	AC	650	44	POOR	Y	
HAM38267	RONALDSON AV	TERM S OF RAYTEE TER	RAYTEE TER	14	172.53	AC	650	39	VERY POOR	Y	
HAM00015	ROOKWOOD DR	CRABAPPLE LN	S ROOKWOOD CT	24	222.52	AC	617	41	POOR	Y	
HAM06444	ROOKWOOD DR	E ROOKWOOD PL	W ROOKWOOD DR	25	662.54	AC	254	51	POOR	Y	
HAM14928	ROOKWOOD DR	GRANDIN RD	CRABAPPLE LN	23	379.31	AC	499	43	POOR	Y	
HAM00026	ROOKWOOD DR	S ROOKWOOD CT	E ROOKWOOD PL	24	339.76	AC	287	39	VERY POOR	Y	
HAM06435	ROOKWOOD DR	W ROOKWOOD DR	TERM NE OF E ROOKWOOD DR	25	862.82	AC	191	54	POOR	Y	
HAM00028	ROOKWOOD LN	E ROOKWOOD DR	TERM E OF E ROOKWOOD DR	24	241.83	AC	650	49	POOR	Y	
HAM15906	ROOSEVELT AV	WERK RD	HANNA AV	24	537.52	AC	360	81	SATISFACTORY	Y	
HAM34651	ROSA PARKS ST	E FREEDOM WY	E 2ND ST	53	388.47	PCC	650	31	VERY POOR	Y	
HAM34648	ROSA PARKS ST	E TED BERRY WY	E FREEDOM WY	44	250.99	PCC	650	81	SATISFACTORY	Y	
HAM11893	ROSE HILL AV	BEECHWOOD AV	BETULA AV	25	615.95	AC	324	46	POOR	Y	
HAM12126	ROSE HILL AV	BEECHWOOD AV	ROSE HILL LN	27	1059.20	AC	259	68	FAIR	Y	
HAM11905	ROSE HILL AV	BETULA AV	RED BUD AV	25	427.30	AC	498	59	FAIR	Y	
HAM12809	ROSE HILL AV	CLINTON SPRINGS AV	ROSE HILL AV	36	237.51	AC	650	80	SATISFACTORY	Y	
HAM11774	ROSE HILL AV	RED BUD AV	RED BUD PL	26	582.16	AC	334	69	FAIR	Y	
HAM11904	ROSE HILL AV	RED BUD AV	BEECHWOOD AV	26	250.72	AC	650	73	SATISFACTORY	Y	
HAM11773	ROSE HILL AV	RED BUD PL	AVON FIELDS LN	24	269.83	AC	498	79	SATISFACTORY	Y	
HAM57551	ROSE HILL AV	ROSE HILL AV	BEECHWOOD AV	30	196.25	AC	209	73	SATISFACTORY	Y	
HAM11778	ROSE HILL AV	ROSE HILL LN	CINC|STBRND CORPLINE	24	134.21	AC	650	86	GOOD	Y	
HAM11894	ROSE HILL AV	ROSE HILL LN	ROSE HILL LN	26	307.25	AC	188	74	SATISFACTORY	Y	
HAM11907	ROSE HILL AV	ROSE HILL LN	RED BUD AV	26	952.28	AC	322	82	SATISFACTORY	Y	
HAM11896	ROSE HILL LN	BEECHWOOD AV	ROSE HILL AV	3	549.48		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM11895	ROSE HILL LN	E MITCHELL AV	BEECHWOOD AV	3	455.55		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM11892	ROSE HILL LN	ROSE HILL AV	PADDOCK RD	3	323.40		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM12443	ROSE PL	KEEN AV	DALE RD	27	1166.60	AC	650	39	VERY POOR	Y	
HAM27574	ROSE ST	AUGUSTA ST	W PETE ROSE WY	30	219.67	AC	544	69	FAIR	Y	
HAM39740	ROSE ST	TERM S OF W MEHRING WY	W MEHRING WY	20	292.38	AC	650	50	POOR	Y	
HAM27575	ROSE ST	W MEHRING WY	AUGUSTA ST	29	219.94	AC	650	79	SATISFACTORY	Y	
HAM03274	ROSEBUD DR	MUDDY CREEK RD	LUMARDO AV	20	594.33	AC	379	64	FAIR	Y	
HAM19499	ROSECLIFF AV	PARKDALE AV	SCOTTWOOD AV	24	313.82	AC	342	80	SATISFACTORY	Y	
HAM19500	ROSECLIFF AV	SCOTTWOOD AV	READING RD	31	337.53	AC	650	68	FAIR	Y	
HAM38949	ROSECLIFF DR	CRESTLINE AV	TERM W OF CRESTLINE AV	20	369.06	AC	650	40	VERY POOR	Y	
HAM39601	ROSELAWN PL	JONATHAN AV	TERM N OF JONATHAN AV	16	121.90	AC	650	82	SATISFACTORY	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM17414	ROSELLA AV	SHAW AV	HYDE PARK AV	24	640.32	AC	611	81	SATISFACTORY	Y	
HAM10652	ROSEMONT AV	CINC|DELHTP CORPLINE	PALOS ST	29	166.21	AC	269	75	SATISFACTORY	Y	
HAM30916	ROSEMONT AV	DELHI AV	CINC|DELHTP CORPLINE	22	1248.71	AC	531	49	POOR	Y	
HAM02133	ROSEMONT AV	GLENWAY AV	W LIBERTY ST	19	1085.25	AC	650	42	POOR	Y	ONE WAY
HAM03304	ROSEMONT AV	JAMESTOWN ST	ST LAWRENCE AV	29	197.30	AC	205	76	SATISFACTORY	Y	
HAM03313	ROSEMONT AV	N CLEROSE CIR	W 8TH ST	29	836.11	AC	462	65	FAIR	Y	
HAM10649	ROSEMONT AV	PALOS ST	S CLEROSE CIR	30	290.72	AC	171	70	FAIR	Y	
HAM03380	ROSEMONT AV	S CLEROSE CIR	N CLEROSE CIR	28	249.74	AC	148	71	SATISFACTORY	Y	
HAM01933	ROSEMONT AV	ST LAWRENCE AV	WEBER LN	31	326.65	AC	468	82	SATISFACTORY	Y	
HAM03305	ROSEMONT AV	ST WILLIAMS AV	JAMESTOWN ST	28	395.93	AC	188	81	SATISFACTORY	Y	
HAM03338	ROSEMONT AV	W 8TH ST	ST WILLIAMS AV	31	500.18	AC	640	67	FAIR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM32372	ROSEMONT AV	W LIBERTY ST	TALBERT ST	23	1016.11	AC	358	58	FAIR	Y	
HAM02134	ROSEMONT AV	WEBER LN	WESTHAVEN AV	29	565.93	AC	218	64	FAIR	Y	
HAM02092	ROSEMONT AV	WESTHAVEN AV	GLENWAY AV	29	692.97	AC	578	74	SATISFACTORY	Y	
HAM65180	ROSEWOOD ST	MCGREGOR AV	W 63RD ST	25	137.84	AC	435	93	GOOD	Y	
HAM11621	ROSEWOOD ST	W 63RD ST	W 64TH ST	24	301.31	AC	219	95	GOOD	Y	
HAM11620	ROSEWOOD ST	W 64TH ST	W 65TH ST	25	299.69	AC	192	93	GOOD	Y	
HAM11619	ROSEWOOD ST	W 65TH ST	W 66TH ST	25	298.55	AC	273	95	GOOD	Y	
HAM37072	ROSEWOOD ST	W SEYMOUR AV	TERM NE OF W SEYMOUR AV	15	577.33	AC	577	38	VERY POOR	Y	UNCOLLECTED PORTION BLOCKED BY OVERGROWTH
HAM11697	ROSS AV	GLENWAY AV	MAYFIELD AV	30	699.10	AC	648	50	POOR	Y	
HAM02087	ROSS AV	LACLEDE AV	GLENWAY AV	30	189.89	BR	650	-1		Y	
HAM11048	ROSS AV	MAYFIELD AV	W LIBERTY ST	30	381.57	AC	650	49	POOR	Y	
HAM02089	ROSS AV	WARSAW AV	LACLEDE AV	28	256.30	BR	650	-1		Y	
HAM40991	ROSSLYN DR	BROTHERTON RD	TERM N OF BROTHERTON RD	25	950.06	AC	560	22	SERIOUS	Y	
HAM06604	ROSSLYN DR	ERIE AV	BROTHERTON RD	39	1353.09	AC	533	55	POOR	Y	
HAM12282	ROSSMORE AV	COAD DR	PADDOCK RD	21	645.91	AC	613	31	VERY POOR	Y	
HAM35275	ROSSMORE AV	PADDOCK RD	OBERLIN BLVD	24	1007.54	AC	647	69	FAIR	Y	
HAM37054	ROSSMORE AV	TERM W OF COAD DR	COAD DR	21	104.79	AC	650	45	POOR	Y	
HAM02243	ROTH AV	OVERLOOK AV	NEBRASKA AV	24	357.89	AC	650	81	SATISFACTORY	Y	
HAM38470	ROWAN CT	TERM E OF RACE ST	RACE ST	8	172.33		-1	-1		N	BOOTS ON THE GROUND / BRICK
HAM14761	ROXBURY ST	BEECHMONT AV	SALVADOR ST	18	350.50	AC	650	67	FAIR	Y	
HAM35453	ROXIE LN	TERM E OF MEADOWVISTA CT	MEADOWVISTA CT	24	204.89	AC	650	85	SATISFACTORY	Y	
HAM38856	ROYAL PL	TERM W OF HERSCHEL AV	HERSCHEL AV	20	533.90	AC	608	94	GOOD	Y	
HAM02761	RUBERG AV	HARRISON AV	TERM N OF HARRISON AV	25	407.83	AC	633	95	GOOD	Y	
HAM02941	RUBERG AV	TERM S OF HITCHENS AV	HITCHENS AV	21	494.64	AC	457	91	GOOD	Y	
HAM35972	RUDDY CT	KIRBY AV	TERM N OF KIRBY AV	24	310.10	AC	650	77	SATISFACTORY	Y	
HAM35561	RUDDY CT	TERM S OF KIRBY AV	KIRBY AV	24	628.99	AC	642	61	FAIR	Y	
HAM39544	RUE DE LA PAIX	TERM E OF LUDLOW AV	LUDLOW AV	36	562.18	AC	650	64	FAIR	Y	
HAM38961	RUEHLMAN PL	TERM NE OF HARRISON AV	HARRISON AV	20	381.60	AC	650	40	VERY POOR	Y	
HAM30773	RUHR WY	ELIZABETH ST	RITTEHOUSE CT	17	123.31	AC	650	58	FAIR	Y	
HAM30774	RUHR WY	RITTEHOUSE CT	CHESTNUT ST	17	123.37	AC	650	62	FAIR	Y	
HAM01787	RULISON AV	ZULA AV	GLENWAY AV	29	1659.43	AC	457	79	SATISFACTORY	Y	
HAM25755	RUSCONI PL	MORAND AL	SHILLITO PL	28	99.52	AC	650	90	GOOD	Y	ONE WAY
HAM25760	RUSCONI PL	W 6TH ST	MORAND AL	26	124.82	AC	650	90	GOOD	Y	ONE WAY
HAM65240	RUSH ST	E TERM	HALSTEAD ST	24	49.96	AC	650	93	GOOD	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM65244	RUSH ST	HUKILL AL	RUSH ST	3	63.01		-1	-1		N	BOOTS ON THE GROUND / STAIRCASE
HAM09141	RUSHTON RD	HOGE ST	GRANDIN RD	18	805.80	AC	425	84	SATISFACTORY	Y	
HAM55649	RUSS AL	RUSS AL	GOOSE AL	11	139.32		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM08538	RUSS AL	VINE ST	REPUBLIC ST	11	168.69		-1	-1		N	BLOCKED BY GATE
HAM14507	RUSSELL AV	ARCHER AV	BOUTON ST	29	343.52	AC	650	94	GOOD	Y	
HAM14502	RUSSELL AV	BOUTON ST	LEONARD ST	29	666.50	AC	480	94	GOOD	Y	
HAM36121	RUSSELL AV	EASTERN AV	TERM NW OF EASTERN AV	30	120.12	AC	650	84	SATISFACTORY	Y	
HAM39592	RUTH AV	TERM W OF WOODBURN AV	WOODBURN AV	30	963.87	AC	517	36	VERY POOR	Y	
HAM02848	RUTH AV	WESTBROOK DR	WERK RD	25	481.43	AC	650	95	GOOD	Y	
HAM32081	RUTH AV	WOODBURN AV	HOLLOWAY AV	29	304.04	AC	650	42	POOR	Y	
HAM09049	RUTH LYONS LN	E 6TH ST	GANO ST	18	236.01	AC	650	95	GOOD	Y	ONE WAY
HAM09021	RUTH LYONS LN	GANO ST	E 7TH ST	18	228.29	BR	650	-1		Y	ONE WAY
HAM34720	RUTHER AV	CLOISTER DR	BISHOP ST	37	948.20	AC	368	58	FAIR	Y	
HAM16747	RUTHER AV	JEFFERSON AV	CLOISTER DR	38	1113.83	AC	284	45	POOR	Y	
HAM26383	RUTLAND AV	MONTGOMERY RD	TRIMBLE AV	29	682.76	AC	573	53	POOR	Y	
HAM02132	RUTLEDGE AV	GLENWAY AV	RAPID RUN PIKE	19	1458.05	AC	638	68	FAIR	Y	
HAM01937	RUTLEDGE AV	JAMESTOWN ST	ST LAWRENCE AV	24	206.65	AC	473	93	GOOD	Y	
HAM01929	RUTLEDGE AV	ST LAWRENCE AV	ST LAWRENCE AV	24	148.52	AC	650	51	POOR	Y	
HAM02122	RUTLEDGE AV	ST LAWRENCE AV	GLENWAY AV	24	933.54	AC	427	51	POOR	Y	
HAM03337	RUTLEDGE AV	ST WILLIAMS AV	JAMESTOWN ST	24	435.42	AC	291	89	GOOD	Y	
HAM27900	RYAN AV	DORCHESTER AV	TERM N OF DORCHESTER AV	29	540.21	AC	650	57	FAIR	Y	
HAM26128	RYAN AV	EARNSHAW AV	MCGREGOR PL	3	198.85		-1	-1		N	DOES NOT EXIST
HAM12284	RYLAND AV	OAKDALE AV	OBERLIN BLVD	30	530.91	AC	650	40	VERY POOR	Y	
HAM12003	RYLAND AV	OBERLIN BLVD	MATLOCK AV	30	519.19	AC	439	39	VERY POOR	Y	
HAM35274	RYLAND AV	PADDOCK RD	OAKDALE AV	30	527.86	AC	650	34	VERY POOR	Y	
HAM37056	RYLAND AV	TERM W OF PADDOCK RD	PADDOCK RD	24	775.41	AC	650	69	FAIR	Y	
HAM02876	S ARGYLE AV	HAMILTON AV	N ARGYLE AV	30	579.70	AC	369	94	GOOD	Y	
HAM03382	S CLEROSE CIR	N CLEROSE CIR	ROSEMONT AV	21	728.86	AC	246	81	SATISFACTORY	Y	ONE WAY
HAM12793	S CLUBCREST AV	MARBURG AV	N CLUBCREST AV	21	455.68	AC	623	28	VERY POOR	Y	
HAM03462	S DELRIDGE DR	CINC|DELHTP CORPLINE	FOLEY RD	24	268.12	AC	650	53	POOR	Y	
HAM03463	S DELRIDGE DR	FEHR RD	CINC|DELHTP CORPLINE	24	1052.57	AC	390	36	VERY POOR	Y	
HAM00874	S DIXON CIR	HAMILTON AV	N DIXON CIR	20	488.03	PCC	560	71	SATISFACTORY	Y	
HAM12812	S FRED SHUTTLESWORTH CIR	ALTER PL	READING RD	35	569.25	AC	304	89	GOOD	Y	
HAM11207	S FRED SHUTTLESWORTH CIR	EATON LN	ALTER PL	35	637.69	AC	194	87	GOOD	Y	
HAM11206	S FRED SHUTTLESWORTH CIR	GREENWOOD AV	EATON LN	37	550.37	AC	254	93	GOOD	Y	
HAM38409	S FRED SHUTTLESWORTH CIR	READING RD	TERM SE OF READING RD	24	424.66	AC	650	55	POOR	Y	
HAM07016	S HEGRY CIR	HEGRY CIR	HEGRY CIR	25	891.62	AC	412	42	POOR	Y	
HAM01951	S LYNNEBROOK DR	N LYNNEBROOK DR	KENNETH AV	25	688.42	AC	274	67	FAIR	Y	
HAM00900	S OAK KNOLL DR	HOLLYWOOD AV	LIVEOAK CT	25	359.20	AC	520	47	POOR	Y	
HAM00832	S OAK KNOLL DR	S OAK KNOLL DR	MOSSWOOD CT	24	327.42	AC	542	55	POOR	Y	
HAM00834	S OAK KNOLL DR	S OAK KNOLL DR	TERM N OF	25	272.79	AC	389	57	FAIR	Y	
HAM00835	S OAK KNOLL DR	S OAK KNOLL DR	HIGHCLIFF CT	24	330.57	AC	518	46	POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM37130	S RAEBURN DR	TERM SW OF RAEBURN DR	RAEBURN DR	25	864.29	AC	321	65	FAIR	Y	
HAM35378	S ROOKWOOD CT	TERM NW OF S ROOKWOOD DR	ROOKWOOD DR	25	298.29	AC	650	40	VERY POOR	Y	
HAM00017	S ROOKWOOD DR	S ROOKWOOD CT	E ROOKWOOD DR	21	957.26	AC	413	58	FAIR	Y	
HAM12178	S STERLING WY	N STERLING WY	MARBURG AV	20	542.13	AC	650	67	FAIR	Y	
HAM09482	S TERALTA CIR	PICKMEIER LN	E TERALTA CIR	26	499.42	AC	530	44	POOR	Y	
HAM38106	S WOODMONT AV	WOODMONT AV	E TERM	24	450.98	AC	650	64	FAIR	Y	
HAM38896	SACHEM AV	CREIGHTON PL	TERM SE OF CREIGHTON PL	26	745.86	AC	650	70	FAIR	Y	
HAM09151	SACHEM AV	TUSCULUM AV	CREIGHTON PL	24	119.56	AC	650	40	VERY POOR	Y	
HAM02710	SAFFER ST	NINANN CT	MCHENRY AV	17	1079.96	AC	332	64	FAIR	Y	
HAM55564	SAFFER ST	YOAST AV	NINANN CT	30	888.09	AC	317	70	FAIR	Y	
HAM02688	SAFFIN AV	HORTON ST	PINCKNEY ST	17	430.90	AC	650	56	FAIR	Y	
HAM02687	SAFFIN AV	PINCKNEY ST	TERM N OF PINCKNEY ST	12	79.40	AC	650	93	GOOD	Y	UNCOLLECTED PORTION BLOCKED BY BARRICADE
HAM12155	SAGOLA PL	CELERON AV	MARKBREIT AV	25	283.56	AC	370	82	SATISFACTORY	Y	
HAM30080	SAGUIN ST	DUCK CREEK RD	CHARLOE ST	25	368.40	AC	557	43	POOR	Y	
HAM39565	SALEM HILLS LN	TERM W OF PUTNAM RD	PUTNAM RD	24	1375.42	AC	392	86	GOOD	Y	
HAM20451	SALEM RD	ANDETP|CINC CORPLINE	WAYSIDE AV	27	649.93	AC	251	93	GOOD	Y	
HAM29513	SALEM RD	AYERSHIRE AV	ALTADENA AV	36	382.74	AC	311	56	FAIR	Y	
HAM29538	SALEM RD	BURNEY LN	LE CONTE AV	36	848.41	AC	509	69	FAIR	Y	
HAM40940	SALEM RD	CANOE CT	MOON VALLEY LN	27	1040.62	AC	233	89	GOOD	Y	
HAM61612	SALEM RD	KELLOGG AV	SALEM RD TO KELLOGG AV RAMP	30	378.95	AC	650	67	FAIR	Y	
HAM62251	SALEM RD	KELLOGG AV TO SALEM RD RAMP	SALEM RD TO KELLOGG AV RAMP	13	284.32	AC	195	72	SATISFACTORY	Y	
HAM29537	SALEM RD	LE CONTE AV	AYERSHIRE AV	36	417.45	AC	201	56	FAIR	Y	
HAM14240	SALEM RD	MOON VALLEY LN	PUTNAM RD	26	1110.51	AC	199	94	GOOD	Y	
HAM14242	SALEM RD	PUTNAM RD	ANDETP|CINC CORPLINE	27	542.80	AC	167	93	GOOD	Y	
HAM61611	SALEM RD	SALEM RD TO KELLOGG AV RAMP	CANOE CT	30	479.83	AC	252	62	FAIR	Y	
HAM35207	SALEM RD TO KELLOGG AV RAMP	SALEM RD	KELLOGG AV	18	949.31	AC	162	86	GOOD	Y	
HAM06452	SALEM ST	MENLO AV	STETTINIUS AV	30	553.54	AC	465	80	SATISFACTORY	Y	
HAM36409	SALEM WOODS LN	TERM SW OF	TERM NE OF TERM SW OF	11	884.26	AC	613	24	SERIOUS	Y	
HAM50042	SALFORD DR	REINHOLD DR	PRODUCTION DR	26	428.28	AC	548	65	FAIR	Y	
HAM09222	SALISBURY DR	LINWOOD AV	TERM N OF LINWOOD AV	20	645.82	AC	650	89	GOOD	Y	
HAM05687	SALUTARIS AV	TERM S OF E MCMILLAN ST	E MCMILLAN ST	23	847.04	AC	477	94	GOOD	Y	
HAM14769	SALVADOR ST	CORBLY ST	ROXBURY ST	14	755.84	AC	538	38	VERY POOR	Y	
HAM14768	SALVADOR ST	ROXBURY ST	STURDY AV	16	158.04	AC	513	42	POOR	Y	
HAM14752	SALVADOR ST	STURDY AV	CRESTVIEW PL	18	229.00	AC	650	53	POOR	Y	
HAM39030	SALVADOR ST	TERM S OF CORBLY ST	CORBLY ST	21	536.47	AC	650	83	SATISFACTORY	Y	
HAM09469	SALVIA AV	CEDAR AV	MARLOWE AV	31	496.03	AC	309	48	POOR	Y	
HAM00410	SALVIA AV	MARLOWE AV	AMBROSE AV	3	353.21		-1	-1		N	BOOTS ON THE GROUND / PEDESTRIAN PATHWAY
HAM36950	SALVIA AV	TERM S OF CEDAR AV	CEDAR AV	28	464.10	AC	503	47	POOR	Y	
HAM27209	SALWAY ST	HOPE ST	SPRING GROVE AV	28	269.63	AC	650	39	VERY POOR	Y	
HAM38418	SALWAY ST	TERM SE OF HOPE ST	HOPE ST	29	100.30		-1	-1		N	UNPAVED ROAD
HAM64912	SANCTUARY PL	RENSLAR AV	TERM S OF RENSLAR AV	20	335.93	AC	548	95	GOOD	Y	
HAM64911	SANCTUARY PL	TERM N OF RENSLAR AV	RENSLAR AV	20	319.05	AC	608	95	GOOD	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM39273	SANDHEGER PL	TERM SE OF RIDDLE RD	RIDDLE RD	34	370.03	AC	650	69	FAIR	Y	
HAM37670	SANDRA PL	EPWORTH CT	TERM W OF EPWORTH CT	25	494.52	AC	427	82	SATISFACTORY	Y	
HAM07683	SANDSTONE AL	CEDAR AL	FAIRPARK AV	9	192.01	AC	650	70	FAIR	Y	
HAM61631	SANDSTONE AL	SANDSTONE AL	LEBANON ST	14	146.45	AC	650	44	POOR	Y	UNCOLLECTED PORTION BLOCKED BY DUMPSTER
HAM00040	SANDSTONE AL	VINE ST	POPLAR LN	14	194.29	AC	650	93	GOOD	Y	
HAM07684	SANDSTONE AL	VINE ST	CEDAR AL	11	193.31	AC	650	77	SATISFACTORY	Y	
HAM03277	SARANAC AV	CEDAR AV	MARLOWE AV	25	494.11	AC	562	44	POOR	Y	
HAM38440	SARATOGA ST	TERM SE OF STATE AV	STATE AV	15	192.98	AC	650	49	POOR	Y	
HAM25729	SARGENT ST	FREEMAN AV	CARR ST	30	632.39	AC	650	60	FAIR	Y	
HAM37120	SARITA PL	TERM SW OF LINWOOD AV	LINWOOD AV	23	235.05	AC	650	86	GOOD	Y	
HAM39374	SARVIS CT	TERM S OF HARRISON AV	HARRISON AV	24	997.44	AC	648	72	SATISFACTORY	Y	
HAM38449	SASSAFRAS ST	COMFORT ST	COLERAIN AV	30	272.27	AC	419	95	GOOD	Y	
HAM55624	SASSAFRAS ST	TERM E OF COMFORT ST	COMFORT ST	31	103.59	AC	650	45	POOR	Y	
HAM11809	SATURN ST	KNOX ST	FAIRMOUNT AV	30	276.55	AC	650	43	POOR	Y	
HAM39364	SATURN ST	TERM S OF KNOX ST	KNOX ST	31	351.63	AC	650	55	POOR	Y	
HAM20063	SAUER AV	PARKER ST	WARNER ST	25	429.05	AC	520	93	GOOD	Y	
HAM39229	SAUER AV	TERM S OF PARKER ST	PARKER ST	24	220.90	BR	650	-1		Y	
HAM31464	SAVANNAH AV	HARBESON AV	CINC|NCOLHL CORPLINE	31	502.64	AC	516	34	VERY POOR	Y	
HAM31465	SAVANNAH AV	HARBESON AV	CINC|NCOLHL CORPLINE	30	126.09	AC	511	45	POOR	Y	
HAM00845	SAVANNAH AV	MEIS AV	HARBESON AV	30	545.83	AC	197	39	VERY POOR	Y	
HAM00846	SAVANNAH AV	W NORTH BEND RD	MEIS AV	29	1075.60	AC	348	47	POOR	Y	
HAM38029	SAVANNAH WY	UNKNOWN	SAVANNAH WY	20	332.00	AC	650	76	SATISFACTORY	Y	
HAM24198	SAVOY PL	TERM S OF UNION ST	UNION ST	24	284.69	AC	650	55	POOR	Y	
HAM31091	SAXON AV	HOWARD AV	HAMILTON AV	23	338.35	AC	650	95	GOOD	Y	
HAM09409	SAYBROOK AV	AMBERSON AV	BRENTWOOD AV	25	864.13	AC	326	48	POOR	Y	
HAM08793	SAYBROOK AV	BELLECREST AV	WILSHIRE AV	24	304.46	AC	650	38	VERY POOR	Y	
HAM09404	SAYBROOK AV	BRENTWOOD AV	ERIE AV	24	336.98	AC	650	69	FAIR	Y	
HAM08792	SAYBROOK AV	ERIE AV	BELLECREST AV	24	331.30	AC	650	70	FAIR	Y	
HAM39183	SAYBROOK AV	TERM W OF AMBERSON AV	AMBERSON AV	23	138.01	AC	650	79	SATISFACTORY	Y	
HAM35857	SAYBROOK AV	WILSHIRE AV	TERM E OF WILSHIRE AV	24	574.98	AC	373	76	SATISFACTORY	Y	
HAM65436	SAYLER AV	CHEROKEE AV	TERM NW OF	25	471.54	AC	308	93	GOOD	Y	PARTIALLY ONE WAY
HAM37590	SAYLER AV	GOODRICH LN	TERM NW OF GOODRICH LN	24	170.04	AC	618	92	GOOD	Y	
HAM65435	SAYLER AV	TERM SE OF	GOODRICH LN	25	599.82	AC	371	95	GOOD	Y	
HAM35409	SCARLET DR	TERM S OF EBONY LN	EBONY LN	24	516.58	AC	650	53	POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM30988	SCARLETOAK DR	ALDERMONT CT	W NORTH BEND RD	27	232.76	AC	650	85	SATISFACTORY	Y	
HAM30987	SCARLETOAK DR	BUDDLEIA CT	ALDERMONT CT	24	128.75	AC	445	84	SATISFACTORY	Y	
HAM30994	SCARLETOAK DR	ELDERBERRY CT	BUDDLEIA CT	24	203.50	AC	310	82	SATISFACTORY	Y	
HAM38016	SCARLETOAK DR	TERM SE OF ELDERBERRY CT	ELDERBERRY CT	23	901.89	AC	247	78	SATISFACTORY	Y	
HAM08545	SCHEDEL AL	VINE ST	HAMER ST	11	163.96		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM02142	SCHIFF AV	MIDLAND AV	GLENWAY AV	29	456.13	AC	477	61	FAIR	Y	
HAM01947	SCHIFF AV	ST LAWRENCE AV	MIDLAND AV	24	518.45	AC	650	82	SATISFACTORY	Y	
HAM03314	SCHIFF AV	W 8TH ST	RIDGEVIEW AV	24	377.96	AC	650	88	GOOD	Y	
HAM20182	SCHILLER ST	E CLIFTON AV	HUGHES ST	19	222.53	AC	650	50	POOR	Y	
HAM20117	SCHILLER ST	HUGHES ST	BOAL ST	20	233.55	AC	650	45	POOR	Y	
HAM02867	SCHNEIDER AV	INNES AV	TERM W OF INNES AV	18	299.15	AC	650	47	POOR	Y	
HAM02206	SCHOEDINGER AV	JONTE AV	LIERMAN ST	23	624.51	AC	650	71	SATISFACTORY	Y	
HAM39366	SCHOEDINGER AV	TERM SW OF JONTE AV	JONTE AV	18	386.89	AC	650	65	FAIR	Y	
HAM33132	SCHORR AL	WARNER ST	W MCMILLAN ST	6	1130.87		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM12835	SCHUBERT AV	LOSANTIVILLE AV	RIDGE AV	30	857.10	AC	547	36	VERY POOR	Y	
HAM03375	SCHULTE DR	HERMOSA AV	CAPPEL DR	20	532.01	AC	357	30	VERY POOR	Y	
HAM37984	SCHULTE DR	TERM E OF HERMOSA AV	HERMOSA AV	21	651.36	AC	650	25	SERIOUS	Y	
HAM09924	SCHULTZ AL	E 12TH ST	LEVERING AL	7	114.23		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM54151	SCHULTZ AL	HOUSMAN AL	SPRING ST	8	54.98		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM20329	SCHULTZ AL	LEVERING AL	E 13TH ST	7	119.57		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM09920	SCHULTZ AL	SPRING ST	E 12TH ST	34	209.34		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM15330	SCHWARTZE AV	BUELL ST	LAKEVIEW AV	25	370.39	AC	257	30	VERY POOR	Y	
HAM15332	SCHWARTZE AV	GLENMORE AV	STANHOPE AV	25	368.55	AC	650	52	POOR	Y	
HAM15478	SCHWARTZE AV	LAKEVIEW AV	PARKCREST LN	37	1218.70	AC	249	43	POOR	Y	
HAM15331	SCHWARTZE AV	STANHOPE AV	BUELL ST	25	370.19	AC	306	46	POOR	Y	
HAM21479	SCIOTO ST	CALHOUN ST	CLASSEN ST	36	233.41	AC	650	93	GOOD	Y	
HAM21482	SCIOTO ST	W MCMILLAN ST	CALHOUN ST	36	239.21	AC	650	89	GOOD	Y	
HAM19504	SCOTTWOOD AV	KENOVA AV	ROSECLIFF AV	20	802.17	AC	263	69	FAIR	Y	
HAM19522	SCOTTWOOD AV	ROSECLIFF AV	SHENANDOAH AV	20	792.37	AC	400	68	FAIR	Y	
HAM11812	SCULLY ST	TERM S OF KNOX ST	KNOX ST	21	291.36	AC	650	95	GOOD	Y	
HAM12164	SEAL ST	ISABELLA AV	MT VERNON AV	21	315.17	AC	650	93	GOOD	Y	
HAM19541	SECTION RD	BROOKCREST DR	REINHOLD DR	40	763.98	AC	240	44	POOR	Y	
HAM20398	SECTION RD	CASTLETON PL	PARKDALE AV	27	488.55	AC	141	79	SATISFACTORY	Y	
HAM29786	SECTION RD	CINC|SPRGTP CORPLINE	ELMSHADE AV	25	376.97	AC	462	75	SATISFACTORY	Y	
HAM20394	SECTION RD	ELMSHADE AV	CASTLETON PL	28	413.97	AC	117	50	POOR	Y	
HAM19532	SECTION RD	GREENLAND PL	GRIFFIN DR	41	360.21	AC	139	78	SATISFACTORY	Y	
HAM19526	SECTION RD	GRIFFIN DR	READING RD	49	236.66	AC	291	76	SATISFACTORY	Y	
HAM19523	SECTION RD	PARKDALE AV	GREENLAND PL	27	236.61	AC	218	73	SATISFACTORY	Y	
HAM19530	SECTION RD	READING RD	BROOKCREST DR	50	320.95	AC	463	51	POOR	Y	
HAM00011	SECTION RD	REINHOLD DR	AMBR|CINC CORPLINE	41	742.47	AC	337	47	POOR	Y	
HAM05626	SEDALIA AL	FINCH AL	MELROSE AV	6	393.78		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM16927	SEDAM ST	FAIRBANKS AV	HARTMAN ST	24	285.14	AC	650	62	FAIR	Y	
HAM16926	SEDAM ST	HARTMAN ST	LODWICK ST	24	193.58	AC	650	60	FAIR	Y	
HAM16940	SEDAM ST	LODWICK ST	RENTER ST	24	906.55	AC	456	50	POOR	Y	
HAM36292	SEDAM ST	RENTER ST	TERM NW OF SEDAM ST SPLIT	26	467.36	AC	309	46	POOR	Y	
HAM02728	SEEGAR AV	BALTIMORE AV	CARLL ST	23	271.61	AC	650	58	FAIR	Y	
HAM02723	SEEGAR AV	CARLL ST	DENHAM ST	30	282.58	AC	650	91	GOOD	Y	
HAM02720	SEEGAR AV	DENHAM ST	PULTE ST	23	276.15	AC	650	93	GOOD	Y	
HAM01920	SEEGAR AV	FAIRMOUNT AV	VINTON ST	19	402.35	AC	650	52	POOR	Y	
HAM01990	SEEGAR AV	MACON ST	BALTIMORE AV	18	384.53	AC	650	67	FAIR	Y	ONE WAY
HAM09869	SEEGAR AV	TERM S OF KNOX ST	KNOX ST	15	296.41	AC	650	79	SATISFACTORY	Y	
HAM55908	SEEGAR AV	VINTON ST	MACON ST	19	724.03	AC	393	49	POOR	Y	ONE WAY
HAM13524	SEIBEL LN	JUNIPER AV	COVEDALE AV	25	323.86	AC	650	52	POOR	Y	
HAM38886	SEIBEL LN	TERM S OF JUNIPER AV	JUNIPER AV	24	790.13	AC	386	69	FAIR	Y	
HAM20220	SEITZ ST	LANG ST	MAIN ST	18	239.01	AC	538	52	POOR	Y	
HAM32138	SEITZ ST	MAIN ST	SYCAMORE ST	28	414.02	AC	650	46	POOR	Y	
HAM08586	SELIM AV	LANE AV	NORTHSIDE AV	24	1015.81	AC	473	95	GOOD	Y	
HAM35014	SELIM AV	LIONEL AV	LANE AV	25	193.63	AC	575	95	GOOD	Y	
HAM08111	SELIM AV	NORTHSIDE AV	WESTWOOD AV	25	558.52	AC	266	95	GOOD	Y	
HAM53365	SELLEW AL	PLEASANT ST	ELM ST	9	235.59		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM08456	SELLEW AL	RACE ST	PLEASANT ST	9	234.37		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM08015	SEMINOLE ST	VAN ST	E ROCHELLE ST	32	457.32	BR	650	-1		Y	
HAM39556	SENATOR PL	TERM E OF CLIFTON AV	CLIFTON AV	30	590.50	AC	650	77	SATISFACTORY	Y	
HAM38673	SENECA AV	TERM SW OF ONONTA AV	ONONTA AV	19	67.45	AC	650	41	POOR	Y	
HAM27680	SENTINEL ST	CULVERT ST	EGGLESTON AV	54	255.80	PCC	645	78	SATISFACTORY	Y	
HAM27792	SENTINEL ST	E 5TH ST	CULVERT ST	54	738.55	AC	445	82	SATISFACTORY	Y	ONE WAY
HAM37865	SERVICE RD	FERNVIEW AV	TERM N OF FERNVIEW AV	18	394.51	PCC	650	86	GOOD	Y	
HAM22104	SERVICE RD	LOSANTIVILLE AV	SERVICE RD	16	1008.13	AC	578	37	VERY POOR	Y	
HAM19509	SERVICE RD	SERVICE RD	BROOKCREST DR	16	155.91	AC	650	47	POOR	Y	
HAM36765	SERVICE RD	SERVICE RD	TERM NE OF SERVICE RD SPLIT	17	598.53	AC	650	69	FAIR	Y	
HAM05406	SETCHELL ST	BABB AL	RIVERSIDE DR	31	137.71	AC	535	52	POOR	Y	
HAM05410	SETCHELL ST	TERM SW OF BABB AL	BABB AL	28	794.70	AC	650	72	SATISFACTORY	Y	UNCOLLECTED PORTION BLOCKED BY OVERGROWTH / PARTIALLY BRICK
HAM01932	SETON AV	ST LAWRENCE AV	VINCENT AV	36	592.79	AC	244	81	SATISFACTORY	Y	
HAM09889	SETON AV	VINCENT AV	WARSAW AV	35	761.37	AC	396	86	GOOD	Y	
HAM02231	SETON AV	W 8TH ST	ST LAWRENCE AV	35	1363.89	AC	351	93	GOOD	Y	
HAM13187	SETTLE ST	ERIE AV	GRANADA ST	15	314.81	AC	650	35	VERY POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM13128	SETTLE ST	GRANADA ST	WARRICK ST	14	324.65	AC	650	20	SERIOUS	Y	
HAM06620	SETTLE ST	HALEY AV	BRAMBLE AV	20	303.05	AC	650	91	GOOD	Y	
HAM11021	SETTLE ST	MURRAY AV	HALEY AV	18	703.65	AC	650	87	GOOD	Y	
HAM13185	SETTLE ST	ROE ST	ERIE AV	15	828.92	AC	650	41	POOR	Y	
HAM13127	SETTLE ST	WARRICK ST	MADISON RD	17	326.10	AC	520	24	SERIOUS	Y	
HAM10250	SHADY LN	ERIE AV	ZIEGLE AV	15	468.65	AC	439	78	SATISFACTORY	Y	
HAM14977	SHADYMIST LN	CHESTERFIELD CT	RICHWILL CT	25	387.21	AC	328	31	VERY POOR	Y	
HAM14955	SHADYMIST LN	KIPLING AV	CHESTERFIELD CT	25	283.64	AC	650	37	VERY POOR	Y	
HAM37417	SHADYMIST LN	RICHWILL CT	TERM N OF RICHWILL CT	23	246.34	AC	650	32	VERY POOR	Y	
HAM15403	SHAFFER AV	BRACKEN WOODS LN	FISCHER PL	30	2894.81	AC	477	62	FAIR	Y	
HAM07531	SHALE AL	CHAMBERS ST	MAD ANTHONY ST	11	398.88		-1	-1		N	UNPAVED ROAD
HAM08502	SHARP AL	BACK ST	E MCMICKEN AV	9	177.85		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM05682	SHARP AL	E CLIFTON AV	PEETE ST	3	150.28		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM08580	SHARP AL	E MCMICKEN AV	HUST AL	6	160.25		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BLOCKED BY GATE / BRICK
HAM08579	SHARP AL	HUST AL	E CLIFTON AV	6	150.05		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BLOCKED BY GATE / BRICK
HAM05683	SHARP AL	PEETE ST	MULBERRY ST	4	150.44		-1	-1		N	BOOTS ON THE GROUND / STAIRCASE
HAM38737	SHASTA PL	TERM E OF ORLAND AV	ORLAND AV	24	499.26	AC	459	78	SATISFACTORY	Y	
HAM36122	SHATTUC AV	ARCHER AV	TERM E OF ARCHER AV	13	934.30	AC	650	34	VERY POOR	Y	
HAM34270	SHATTUC AV	HEEKIN AV	ARCHER AV	17	408.17	AC	650	53	POOR	Y	
HAM17412	SHAW AV	ERIE AV	GRIFFITHS AV	29	1072.44	AC	650	55	POOR	Y	
HAM17410	SHAW AV	GRIFFITHS AV	VICTORIA AV	30	126.69	AC	650	44	POOR	Y	
HAM06703	SHAW AV	LINSHAW CT	ERIE AV	36	427.67	AC	261	87	GOOD	Y	
HAM06695	SHAW AV	LINWOOD AV	LINSHAW CT	35	336.09	AC	269	82	SATISFACTORY	Y	
HAM19706	SHAW AV	ROSELLA AV	WASSON RD	30	197.94	AC	650	50	POOR	Y	
HAM17415	SHAW AV	VICTORIA AV	ROSELLA AV	30	545.99	AC	650	70	FAIR	Y	
HAM26445	SHAWANOE TRL	DUCK CREEK RD	CHARLOE ST	34	178.73	AC	650	53	POOR	Y	
HAM07928	SHEA PL	HIGHLAND AV	BURNET AV	17	410.60	AC	650	93	GOOD	Y	
HAM07813	SHEEHAN AV	ANTHONY WAYNE AV	TUSKEGEE LN	14	145.42	AC	650	70	FAIR	Y	
HAM11687	SHEEHAN AV	BURNS AV	MACE AV	26	354.83	AC	427	93	GOOD	Y	
HAM07812	SHEEHAN AV	CURZON AV	ANTHONY WAYNE AV	24	361.75	AC	650	85	SATISFACTORY	Y	
HAM07825	SHEEHAN AV	MACE AV	WOODBINE AV	25	389.18	AC	650	91	GOOD	Y	
HAM07814	SHEEHAN AV	TUSKEGEE LN	DIXIE AV	15	142.68	AC	650	88	GOOD	Y	
HAM11694	SHEEHAN AV	VINE ST	BURNS AV	24	1315.89	AC	541	76	SATISFACTORY	Y	
HAM07827	SHEEHAN AV	WISWELL ST	CURZON AV	24	360.67	AC	209	93	GOOD	Y	
HAM07826	SHEEHAN AV	WOODBINE AV	WISWELL ST	22	357.28	AC	405	91	GOOD	Y	
HAM09424	SHEFFIELD AV	LINWOOD AV	RICHWOOD AV	15	668.60	AC	650	95	GOOD	Y	
HAM20395	SHENANDOAH AV	ELMSHADE AV	PARKDALE AV	21	904.85	AC	315	44	POOR	Y	
HAM19519	SHENANDOAH AV	PARKDALE AV	SCOTTWOOD AV	21	366.10	AC	422	54	POOR	Y	
HAM19527	SHENANDOAH AV	SCOTTWOOD AV	READING RD	20	337.62	AC	488	37	VERY POOR	Y	
HAM36773	SHENANDOAH AV	TERM W OF ELMSHADE AV	ELMSHADE AV	20	446.87	AC	526	40	VERY POOR	Y	
HAM20557	SHEPHERD RD	SHEPHERD CREEK RD	COLERAIN AV	20	1197.91	AC	520	55	POOR	Y	
HAM38053	SHEREL CIR	TERM W OF SHEREL LN	SHEREL LN	18	189.97	AC	631	63	FAIR	Y	
HAM10249	SHEREL LN	PAXTON AV	SHEREL CIR	24	678.42	AC	551	70	FAIR	Y	
HAM09493	SHEREL LN	SHEREL CIR	BROTHERTON RD	25	258.95	AC	541	63	FAIR	Y	
HAM36191	SHERIDAN ST	DAYTONA AV	TERM N OF	22	166.33	AC	650	44	POOR	Y	
HAM25501	SHERLOCK AV	HOWELL AV	LUDLOW AV	18	585.11	AC	650	54	POOR	Y	
HAM38477	SHERMAN AV	DALTON AV	TERM W OF DALTON AV	29	511.39	AC	650	48	POOR	Y	
HAM11268	SHERWOOD AV	ARNSBY PL	BRAMBLE AV	30	361.66	AC	650	35	VERY POOR	Y	
HAM11267	SHERWOOD AV	ISLINGTON AV	ARNSBY PL	25	346.14	AC	650	35	VERY POOR	Y	
HAM39471	SHERWOOD AV	TERM S OF ISLINGTON AV	ISLINGTON AV	25	244.01	AC	650	39	VERY POOR	Y	
HAM16755	SHIELDS ST	E SHIELDS ST	GLENDORA AV	36	232.15	AC	650	53	POOR	Y	
HAM25783	SHILLITO PL	RACE ST	RUSCONI PL	24	252.99	AC	650	93	GOOD	Y	ONE WAY
HAM05486	SHILOH ST	TELFORD ST	MIDDLETON AV	29	495.36	AC	536	94	GOOD	Y	ONE WAY
HAM38371	SHIRLEY DR	WALLS ST	TERM E OF WALLS ST	20	334.23	AC	650	57	FAIR	Y	
HAM03610	SHIRLEY PL	FERGUSON RD	GLENWAY AV	22	1122.27	AC	650	35	VERY POOR	Y	
HAM37857	SHONA DR	E SEYMOUR AV	TERM N OF E SEYMOUR AV	37	425.63	AC	459	46	POOR	Y	
HAM25785	SHORT AL	W CENTRAL PKWY	CHARLES ST	7	150.89		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM06023	SHORT VINE ST	E ROCHELLE ST	E MARTIN LUTHER KING JR DR	61	481.60	AC	650	67	FAIR	Y	
HAM62214	SHORT VINE ST	E ROCHELLE ST	W MARTIN LUTHER KING JR DR	18	529.12	AC	650	85	SATISFACTORY	Y	
HAM08045	SHORT VINE ST	E UNIVERSITY AV	E ROCHELLE ST	62	458.78	AC	307	54	POOR	Y	
HAM08043	SHORT VINE ST	W CHARLTON ST	W DANIELS ST	43	463.57	AC	506	75	SATISFACTORY	Y	
HAM08042	SHORT VINE ST	W CORRY ST	W CHARLTON ST	43	464.46	AC	514	70	FAIR	Y	
HAM34692	SHORT VINE ST	W DANIELS ST	E UNIVERSITY AV	59	459.29	AC	360	56	FAIR	Y	
HAM30658	SHUTE AL	EMERSON AL	CENTRAL PKWY	8	289.65		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM25610	SIDNEY AV	BADER ST	TOWNSHIP ST	30	447.54	AC	494	71	SATISFACTORY	Y	
HAM27270	SIDNEY AV	COMBS AL	BATES AV	31	136.03	AC	346	55	POOR	Y	
HAM27336	SIDNEY AV	MARSHALL AV	BADER ST	29	588.42	AC	623	78	SATISFACTORY	Y	
HAM27301	SIDNEY AV	RACHEL ST	TERM N OF RACHEL ST	30	349.37	AC	607	83	SATISFACTORY	Y	
HAM27322	SIDNEY AV	STOCK ST	COMBS AL	30	274.10	AC	268	61	FAIR	Y	
HAM25611	SIDNEY AV	TOWNSHIP ST	RACHEL ST	30	446.66	AC	507	72	SATISFACTORY	Y	
HAM11751	SIDNEY RD	CINC|GREETP CORPLINE	COVEDALE AV	37	154.09	AC	126	87	GOOD	Y	
HAM11749	SIDNEY RD	COVEDALE AV	SIDNEY AV	36	123.46	AC	258	87	GOOD	Y	
HAM03591	SIDNEY RD	GLENWAY AV	SIDONA LN	36	443.08	AC	329	85	SATISFACTORY	Y	
HAM11750	SIDNEY RD	HILSUN PL	CINC|GREETP CORPLINE	37	184.65	AC	140	87	GOOD	Y	
HAM11738	SIDNEY RD	SIDONA LN	HILSUN PL	36	302.06	AC	132	85	SATISFACTORY	Y	
HAM38235	SIERRA PARK PL	TERM NW OF RAVENNA ST	RAVENNA ST	17	487.32	AC	305	92	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM13075	SIERRA ST	CHAPMAN ST	GLENSHADE AV	24	601.31	AC	451	83	SATISFACTORY	Y	
HAM33941	SIERRA ST	GLENSHADE AV	KENWOOD RD	23	539.50	AC	417	86	GOOD	Y	
HAM00515	SIERRA ST	MATHIS ST	CHAPMAN ST	24	253.48	AC	255	81	SATISFACTORY	Y	
HAM00510	SIERRA ST	RAVENNA ST	WHETSEL AV	21	345.67	AC	650	92	GOOD	Y	
HAM00513	SIERRA ST	WARD ST	MATHIS ST	25	329.04	AC	550	85	SATISFACTORY	Y	
HAM00512	SIERRA ST	WHETSEL AV	WARD ST	21	349.76	AC	650	87	GOOD	Y	
HAM19741	SIGSBEE ST	KENDALL AV	GROVEDALE PL	15	279.87	AC	650	39	VERY POOR	Y	
HAM37872	SILVERLEAF AV	TERM NW OF MONTGOMERY RD	MONTGOMERY RD	24	573.70	AC	514	87	GOOD	Y	
HAM16888	SIMBURY CT	BELLMEADOWS DR	MONTICELLO AV	24	319.85	AC	470	44	POOR	Y	
HAM37489	SIMBURY CT	TERM E OF BELLMEADOWS DR	BELLMEADOWS DR	25	151.61	AC	606	44	POOR	Y	
HAM06618	SIMPSON AV	ARNSBY PL	BRAMBLE AV	25	360.07	AC	141	87	GOOD	Y	
HAM06570	SIMPSON AV	BRAMBLE AV	ROE ST	24	1423.34	AC	483	88	GOOD	Y	
HAM06583	SIMPSON AV	CLEPHANE AV	NAVARRE PL	19	281.88	AC	203	84	SATISFACTORY	Y	
HAM13102	SIMPSON AV	CONOVER ST	PRENTICE ST	23	338.71	AC	650	95	GOOD	Y	
HAM00559	SIMPSON AV	ERIE AV	CONOVER ST	22	274.91	AC	650	88	GOOD	Y	
HAM06879	SIMPSON AV	NAVARRE PL	ERIE AV	19	286.98	AC	288	89	GOOD	Y	
HAM06554	SIMPSON AV	ROE ST	CLEPHANE AV	21	269.14	AC	650	79	SATISFACTORY	Y	
HAM06718	SIMPSON AV	TERM S OF ARNSBY PL	ARNSBY PL	24	345.66	AC	650	90	GOOD	Y	
HAM20349	SINTON AV	AUBURNVIEW DR	BELLA VISTA PL	33	338.97	AC	396	43	POOR	Y	
HAM20343	SINTON AV	BELLA VISTA PL	NASSAU ST	33	328.60	AC	650	43	POOR	Y	
HAM20348	SINTON AV	MORRIS ST	AUBURNVIEW DR	34	170.83	AC	650	41	POOR	Y	
HAM20344	SINTON AV	NASSAU ST	GILBERT AV	33	491.52	AC	569	65	FAIR	Y	
HAM07199	SKYLINE DR	CONGREVE AV	AIKENSIDE AV	25	873.65	AC	380	84	SATISFACTORY	Y	
HAM38073	SKYVIEW LN	TERM W OF ROBISON RD	ROBISON RD	25	636.03	AC	650	70	FAIR	Y	
HAM26095	SLACK ST	ELIJAH AL	HIGHLAND AV	23	120.91	AC	650	71	SATISFACTORY	Y	
HAM26098	SLACK ST	YOUNG ST	ELIJAH AL	23	646.91	AC	382	70	FAIR	Y	
HAM02083	SLIKER AV	GLENWAY AV	W LIBERTY ST	24	1085.91	AC	650	75	SATISFACTORY	Y	
HAM38175	SLOO ST	TERM E OF HARRIET ST	HARRIET ST	22	98.68	AC	650	71	SATISFACTORY	Y	
HAM06207	SMITH AL	ROHDE AV	ELDORADO AV	11	520.64	AC	603	94	GOOD	Y	
HAM06214	SMITH AL	SMITH AL	TERM S OF SMITH AL	12	302.73		-1	-1		N	UNPAVED ROAD
HAM27584	SMITH ST	AUGUSTA ST	W 2ND ST	26	238.91	AC	650	72	SATISFACTORY	Y	
HAM27585	SMITH ST	W MEHRING WY	AUGUSTA ST	26	237.88	AC	650	55	POOR	Y	
HAM27559	SMITH ST	WATER ST	W MEHRING WY	35	229.57	PCC	650	72	SATISFACTORY	Y	
HAM60699	SNYDER AL	FINDLAY ST	TERM N OF	5	134.04		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM08313	SNYDER AL	POPLAR ST	LIVINGSTON ST	7	229.01		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM08446	SNYDER AL	W LIBERTY ST	OLIVER ST	6	247.51		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM52757	SOHN ST	KLOTTER AV	TERM N OF KLOTTER AV	9	115.57	AC	650	67	FAIR	Y	
HAM38060	SOLAR VISTA PL	KENNEDY AV	TERM E OF KENNEDY AV	25	608.18	AC	571	68	FAIR	Y	
HAM01824	SONGBIRD DR	HUMMINGBIRD CT	KIRBY AV	23	421.30	AC	369	60	FAIR	Y	
HAM35487	SONGBIRD DR	TERM E OF HUMMINGBIRD CT	HUMMINGBIRD CT	27	435.60	AC	606	49	POOR	Y	
HAM54130	SONOMA CT	RILEY LN	STRATHMORE DR	25	140.23	AC	544	89	GOOD	Y	
HAM54129	SONOMA CT	TERM NW OF RILEY LN	RILEY LN	23	605.39	AC	371	85	SATISFACTORY	Y	
HAM57231	SOUTH MARKET ST	W MCMILLAN ST	CALHOUN ST	30	239.09	PCC	650	71	SATISFACTORY	Y	
HAM08783	SOUTH ST	DEPOT ST	STATE AV	30	326.05	AC	596	87	GOOD	Y	
HAM08781	SOUTH ST	EVANS ST	WOODROW ST	31	227.60	AC	650	92	GOOD	Y	
HAM38625	SOUTH ST	TERM E OF EVANS ST	EVANS ST	33	400.33	AC	650	36	VERY POOR	Y	UNCOLLECTED PORTION BLOCKED BY GATE
HAM08780	SOUTH ST	WOODROW ST	SUMMER ST	31	242.88	AC	560	91	GOOD	Y	
HAM26124	SOUTHERN AV	AUBURN AV	YOUNG ST	22	742.93	AC	508	38	VERY POOR	Y	
HAM38552	SOUTHERN AV	YOUNG ST	TERM E OF YOUNG ST	24	184.60	AC	583	48	POOR	Y	
HAM37032	SOUTHSIDE AV	IDAHO ST	TERM W OF IDAHO ST	26	344.98	PCC	625	71	SATISFACTORY	Y	
HAM31772	SOUTHSIDE AV	RIVER RD	IDAHO ST	27	6580.25	PCC	398	83	SATISFACTORY	Y	
HAM19948	SOUTHVIEW AV	FAIRVIEW AV	FAIRVIEW AV	30	527.52	AC	647	80	SATISFACTORY	Y	
HAM30889	SPANNER DR	GENEVAVIEW ST	PINECONE LN	16	115.25	AC	650	77	SATISFACTORY	Y	
HAM30998	SPANNER DR	GENEVAVIEW ST	GENEVAVIEW ST	20	266.11	AC	650	48	POOR	Y	
HAM30739	SPANNER DR	PINECONE LN	JONES ST	16	111.00	AC	650	74	SATISFACTORY	Y	
HAM30276	SPARKLE DR	GLEN ORCHARD DR	NEWBEDFORD AV	24	321.77	AC	650	34	VERY POOR	Y	
HAM08533	SPECHT AL	VINE ST	HAMER ST	11	167.29		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM18049	SPENCERHILL LN	BIGBEN LN	DELTA AV	28	383.18	AC	650	77	SATISFACTORY	Y	
HAM38840	SPENCERHILL LN	TERM NE OF BIGBEN LN	BIGBEN LN	29	341.59	AC	650	76	SATISFACTORY	Y	
HAM02692	SPERBER ST	HORTON ST	BIEGLER ST	3	249.55		-1	-1		N	DOES NOT EXIST
HAM02694	SPERBER ST	MONTROSE ST	HORTON ST	4	134.44		-1	-1		N	BOOTS ON THE GROUND / STAIRCASE
HAM02697	SPERBER ST	QUEEN CITY AV	WICKHAM AL	18	121.21	AC	650	77	SATISFACTORY	Y	
HAM02695	SPERBER ST	WICKHAM AL	MONTROSE ST	17	120.44	AC	650	88	GOOD	Y	
HAM37934	SPINDLEHILL DR	TERM S OF ELSTUN RD	ELSTUN RD	37	1535.81	AC	497	55	POOR	Y	
HAM14708	SPINDLEWICK LN	AUTUMNHILL CT	BERKSHIRE CLUB DR	28	723.35	AC	440	73	SATISFACTORY	Y	
HAM14707	SPINDLEWICK LN	OLD TIMBER PL	TRAILWOOD DR	27	1292.87	AC	302	82	SATISFACTORY	Y	
HAM14706	SPINDLEWICK LN	TRAILWOOD DR	AUTUMNHILL CT	28	266.28	AC	340	75	SATISFACTORY	Y	
HAM07763	SPOKANE AV	HEWITT AV	HURON AV	36	606.53	AC	398	77	SATISFACTORY	Y	
HAM25557	SPRING GROVE AV	ALABAMA AV	MONMOUTH AV	71	587.80	AC	189	44	POOR	Y	
HAM08132	SPRING GROVE AV	ALFRED ST	STRAIGHT ST	69	648.23	AC	192	62	FAIR	Y	
HAM21979	SPRING GROVE AV	ARLINGTON ST	BRASHEARS ST	71	912.89	AC	162	75	SATISFACTORY	Y	
HAM25555	SPRING GROVE AV	AVON PL	ETHAN AV	71	946.11	AC	107	61	FAIR	Y	
HAM27446	SPRING GROVE AV	BANK ST	HARRISON AV	70	1159.63	AC	270	41	POOR	Y	
HAM25553	SPRING GROVE AV	BATES AV	ALABAMA AV	71	255.03	AC	137	71	SATISFACTORY	Y	
HAM07339	SPRING GROVE AV	BLUE ROCK ST	MAD ANTHONY ST	53	398.44	AC	139	95	GOOD	Y	
HAM21915	SPRING GROVE AV	BRASHEARS ST	RALSTON AV	61	1360.13	AC	158	67	FAIR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM27376	SPRING GROVE AV	BUCK ST	DRAPER ST	69	604.04	AC	239	37	VERY POOR	Y	
HAM29471	SPRING GROVE AV	BURGOYNE ST	POWERS ST	40	231.07	AC	109	80	SATISFACTORY	Y	
HAM25570	SPRING GROVE AV	BURLINGTON PL	GARRARD AV	71	255.68	AC	248	62	FAIR	Y	
HAM27220	SPRING GROVE AV	CATAFALQUE DR	WINTON RD	63	769.20	AC	242	58	FAIR	Y	
HAM07510	SPRING GROVE AV	CHAMBERS ST	DANE AV	57	195.24	AC	430	94	GOOD	Y	
HAM18144	SPRING GROVE AV	CHICKERING AV	KINGS RUN DR	62	751.29	AC	172	50	POOR	Y	
HAM27231	SPRING GROVE AV	CLIFTON AV	SPRING GROVE TO W MITCHELL AV RAMP	74	793.17	AC	336	62	FAIR	Y	
HAM29487	SPRING GROVE AV	COLERAIN AV	ELMORE ST	62	512.28	AC	170	78	SATISFACTORY	Y	
HAM07335	SPRING GROVE AV	COOPER ST	HOFFNER ST	45	322.75	AC	650	82	SATISFACTORY	Y	
HAM07338	SPRING GROVE AV	COSBY ST	BLUE ROCK ST	39	575.09	AC	235	88	GOOD	Y	
HAM56712	SPRING GROVE AV	CRAWFORD AV	CATAFALQUE DR	30	2014.37	AC	151	78	SATISFACTORY	Y	
HAM25614	SPRING GROVE AV	DRAPER ST	ALFRED ST	70	541.15	AC	469	54	POOR	Y	
HAM18345	SPRING GROVE AV	DURHAM ST	CHICKERING AV	60	556.93	AC	160	66	FAIR	Y	
HAM29480	SPRING GROVE AV	ELMORE ST	BURGOYNE ST	41	236.12	AC	436	78	SATISFACTORY	Y	
HAM25554	SPRING GROVE AV	ETHAN AV	BATES AV	71	250.11	AC	167	51	POOR	Y	
HAM25569	SPRING GROVE AV	GARRARD AV	MEEKER ST	70	424.18	AC	185	65	FAIR	Y	
HAM07334	SPRING GROVE AV	HOFFNER ST	COSBY ST	38	290.91	AC	272	93	GOOD	Y	
HAM18163	SPRING GROVE AV	KINGS RUN DR	CINC|STBRND CORPLINE	61	297.73	AC	299	33	VERY POOR	Y	
HAM21975	SPRING GROVE AV	LEDLIE ST	ARLINGTON ST	71	308.04	AC	111	73	SATISFACTORY	Y	
HAM07333	SPRING GROVE AV	MAD ANTHONY ST	CHAMBERS ST	55	404.58	AC	89	93	GOOD	Y	
HAM25576	SPRING GROVE AV	MARSHALL AV	TOWNSHIP ST	71	918.96	AC	179	72	SATISFACTORY	Y	
HAM25556	SPRING GROVE AV	MEEKER ST	AVON PL	71	773.49	AC	211	62	FAIR	Y	
HAM29494	SPRING GROVE AV	MILLCREEK RD	COLERAIN AV	60	588.38	AC	218	94	GOOD	Y	
HAM25558	SPRING GROVE AV	MONMOUTH AV	LEDLIE ST	70	443.72	AC	170	57	FAIR	Y	
HAM29470	SPRING GROVE AV	POWERS ST	COOPER ST	37	337.61	AC	222	78	SATISFACTORY	Y	
HAM28174	SPRING GROVE AV	RALSTON AV	MILLCREEK RD	58	414.28	AC	225	71	SATISFACTORY	Y	
HAM18346	SPRING GROVE AV	SALWAY ST	DURHAM ST	61	631.86	AC	206	57	FAIR	Y	
HAM27229	SPRING GROVE AV	STATION AV	CLIFTON AV	69	557.65	AC	184	70	FAIR	Y	
HAM25531	SPRING GROVE AV	STRAIGHT ST	MARSHALL AV	69	655.01	AC	236	59	FAIR	Y	
HAM07511	SPRING GROVE AV	TERM SW OF	CRAWFORD AV	55	997.36	AC	125	91	GOOD	Y	
HAM25571	SPRING GROVE AV	TOWNSHIP ST	BURLINGTON PL	70	407.46	AC	264	63	FAIR	Y	
HAM27213	SPRING GROVE AV	W MITCHELL AV	SALWAY ST	81	724.81	AC	293	76	SATISFACTORY	Y	
HAM27219	SPRING GROVE AV	WINTON RD	STATION AV	70	469.06	AC	382	84	SATISFACTORY	Y	
HAM38614	SPRING GROVE CT	ELMORE CT	TERM N OF ELMORE CT	44	100.88	AC	570	93	GOOD	Y	
HAM38617	SPRING GROVE CT	TERM S OF ELMORE CT	ELMORE CT	51	119.92	AC	534	95	GOOD	Y	
HAM38522	SPRING HOUSE LN	TERM S OF CLINTON SPRINGS AV	CLINTON SPRINGS AV	24	1544.85	AC	650	86	GOOD	Y	
HAM09923	SPRING ST	E 12TH ST	LEVERING AL	16	115.34	AC	650	62	FAIR	Y	
HAM39655	SPRING ST	E 13TH ST	TERM N OF E 13TH ST	19	568.24	AC	650	84	SATISFACTORY	Y	
HAM09919	SPRING ST	HOUSMAN AL	SCHULTZ AL	17	164.84	AC	650	44	POOR	Y	PARTIALLY ONE WAY
HAM20336	SPRING ST	LEVERING AL	E 13TH ST	18	121.03	AC	650	76	SATISFACTORY	Y	
HAM08683	SPRING ST	READING RD	HOUSMAN AL	24	124.43	AC	650	48	POOR	Y	
HAM38865	SPRING VIEW DR	CLIFF LAINE DR	TERM E OF CLIFF LAINE DR	23	406.56	AC	650	31	VERY POOR	Y	
HAM00850	SPRINGBROOK DR	CINC|SPRGTP CORPLINE	MONTEVISTA DR	23	160.99	AC	449	85	SATISFACTORY	Y	
HAM00848	SPRINGBROOK DR	MEADOWVISTA CT	DALY RD	24	424.82	AC	485	79	SATISFACTORY	Y	
HAM00849	SPRINGBROOK DR	MONTEVISTA DR	MEADOWVISTA CT	24	687.90	AC	265	79	SATISFACTORY	Y	
HAM09380	SPRINGER AV	GRACE AV	KILGOUR LN	30	834.95	AC	307	56	FAIR	Y	
HAM09319	SPRINGER AV	KILGOUR LN	DELTA AV	30	658.27	AC	527	47	POOR	Y	
HAM38939	SPRINGHILL LN	SPRINGHILL LN	TERM NE OF SPRINGHILL LN SPLIT	21	748.12	AC	526	74	SATISFACTORY	Y	
HAM09438	SPRINGHILL LN	TERM SE OF SPRINGHILL LN SPLIT	SPRINGHILL LN	20	829.45	AC	650	74	SATISFACTORY	Y	
HAM09439	SPRINGHILL LN	WAKEFIELD DR	TERM NE OF	23	180.34	AC	650	76	SATISFACTORY	Y	
HAM31987	SPRINGLAWN AV	CRAWFORD AV	HOWARD AV	23	3103.12	AC	201	47	POOR	Y	
HAM31094	SPRINGLAWN AV	HOWARD AV	HAMILTON AV	36	340.34	AC	552	38	VERY POOR	Y	
HAM40496	SPRINGMEADOW DR	TERM SW OF CLEARBROOK DR	CLEARBROOK DR	24	491.42	AC	650	41	POOR	Y	
HAM01293	SPRUCEGLEN DR	CINC|SPRGTP CORPLINE	PLANTATION WY	24	163.85	AC	487	77	SATISFACTORY	Y	
HAM30058	SR 562 EB TO PADDOCK RD RAMP	SR 562 EB	PADDOCK RD RAMP	35	907.24	AC	650	69	FAIR	Y	ONE WAY
HAM23924	SR 562 EB TO READING RD RAMP	SR 562 EB	READING RD RAMP	37	982.53	AC	571	68	FAIR	Y	ONE WAY
HAM26998	SR 562 WB TO I-75 NB EXWY RAMP	SR 562 WB	I-75 NB EXWY RAMP	27	1868.68	AC	237	90	GOOD	Y	
HAM30067	SR 562 WB TO PADDOCK RD RAMP	SR 562 WB	PADDOCK RD RAMP	31	853.08	AC	195	75	SATISFACTORY	Y	ONE WAY
HAM23951	SR 562 WB TO READING RD RAMP	SR 562 WB	READING RD RAMP	45	1252.98	AC	390	68	FAIR	Y	ONE WAY
HAM06002	ST ANDREWS ST	RIVERSIDE DR	HOFF AV	21	145.49	AC	650	50	POOR	Y	
HAM38963	ST CATHERINE PL	WUNDER AV	TERM W OF WUNDER AV	17	443.22	AC	650	52	POOR	Y	
HAM17396	ST CHARLES PL	ERIE AV	PINEGROVE AV	30	580.91	AC	650	61	FAIR	Y	
HAM17393	ST CHARLES PL	PINEGROVE AV	E ST CHARLES PL	29	276.38	AC	650	30	VERY POOR	Y	
HAM03294	ST ELMO AV	GROESBECK RD	CEDAR AV	26	1173.26	AC	312	55	POOR	Y	
HAM27651	ST GREGORY ST	HILL ST	JEROME ST	29	471.25	AC	650	32	VERY POOR	Y	ONE WAY
HAM26068	ST GREGORY ST	JEROME ST	PAVILION ST	30	220.55	AC	641	63	FAIR	Y	ONE WAY
HAM18097	ST GREGORY ST	MONASTERY ST	LOUDEN ST	24	316.04	AC	470	30	VERY POOR	Y	ONE WAY
HAM18098	ST GREGORY ST	PAVILION ST	MONASTERY ST	24	273.58	AC	650	34	VERY POOR	Y	ONE WAY
HAM05659	ST JAMES AV	FRANCISCO ST	WINDSOR ST	28	345.76	AC	529	53	POOR	Y	
HAM05657	ST JAMES AV	NASSAU ST	FRANCISCO ST	29	359.74	AC	386	77	SATISFACTORY	Y	
HAM05656	ST JAMES AV	ROGERS PL	CURTIS ST	30	627.86	AC	650	71	SATISFACTORY	Y	
HAM05667	ST JAMES AV	ST PAUL DR	NASSAU ST	35	1055.89	AC	486	74	SATISFACTORY	Y	
HAM05658	ST JAMES AV	WINDSOR ST	ROGERS PL	30	440.22	AC	482	80	SATISFACTORY	Y	
HAM08474	ST JOE ST	EAST AL	LOTH ST	16	129.05	AC	650	63	FAIR	Y	
HAM08450	ST JOE ST	VINE ST	EAST AL	16	173.33	AC	650	58	FAIR	Y	
HAM09301	ST JOHNS PL	AVERY LN	ERIE AV	25	75.72	AC	650	52	POOR	Y	ONE WAY

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM09311	ST JOHNS PL	OBSERVATORY AV	AVERY LN	24	462.43	AC	650	39	VERY POOR	Y	ONE WAY
HAM36965	ST JONATHAN CT	BURSAL AV	TERM E OF BURSAL AV	24	261.50	AC	650	38	VERY POOR	Y	
HAM03333	ST LAWRENCE AV	ACADEMY AV	REGINA AV	31	240.09	AC	499	46	POOR	Y	
HAM03332	ST LAWRENCE AV	BEECH AV	ACADEMY AV	30	336.52	AC	417	43	POOR	Y	
HAM02576	ST LAWRENCE AV	CLEARVIEW AV	HERMOSA AV	25	802.44	AC	650	83	SATISFACTORY	Y	
HAM02574	ST LAWRENCE AV	FISK AV	RUTLEDGE AV	24	404.85	AC	650	32	VERY POOR	Y	
HAM03329	ST LAWRENCE AV	GILSEY AV	ROSEMONT AV	24	417.72	AC	552	50	POOR	Y	
HAM03330	ST LAWRENCE AV	HARRIS AV	GILSEY AV	30	478.77	AC	232	56	FAIR	Y	
HAM02575	ST LAWRENCE AV	HERMOSA AV	RAPID RUN RD	25	241.20	AC	650	74	SATISFACTORY	Y	
HAM02578	ST LAWRENCE AV	KREIS LN	SCHIFF AV	24	333.95	AC	492	82	SATISFACTORY	Y	
HAM02218	ST LAWRENCE AV	OAKLAND AV	RAPID AV	31	333.60	AC	214	49	POOR	Y	
HAM02215	ST LAWRENCE AV	OLIVE AV	OAKLAND AV	30	263.40	AC	194	44	POOR	Y	
HAM02229	ST LAWRENCE AV	RAPID AV	SETON AV	32	323.90	AC	457	54	POOR	Y	
HAM02579	ST LAWRENCE AV	RUTLEDGE AV	KREIS LN	25	348.01	AC	650	91	GOOD	Y	
HAM02577	ST LAWRENCE AV	SCHIFF AV	CLEARVIEW AV	25	482.47	AC	402	83	SATISFACTORY	Y	
HAM02230	ST LAWRENCE AV	SETON AV	BEECH AV	30	321.33	AC	650	46	POOR	Y	
HAM02216	ST LAWRENCE AV	WARSAW AV	OLIVE AV	45	244.71	AC	563	77	SATISFACTORY	Y	
HAM39591	ST LEGER PL	TERM W OF WOODBURN AV	WOODBURN AV	31	913.00	AC	644	32	VERY POOR	Y	
HAM09483	ST LEO PL	CASPER ST	BALTIMORE AV	30	622.15	AC	482	71	SATISFACTORY	Y	
HAM02923	ST LEO PL	PICKMEIER LN	BAKER AV	25	257.21	AC	483	47	POOR	Y	
HAM38678	ST LEO PL	TERM SE OF PICKMEIER LN	PICKMEIER LN	27	334.71	AC	650	65	FAIR	Y	
HAM39379	ST LEO PL	TERM SW OF CASPER ST	CASPER ST	13	477.13	AC	402	93	GOOD	Y	
HAM09876	ST MICHAEL ST	BURNS ST	CHURCH ST	30	212.32	AC	557	85	SATISFACTORY	Y	
HAM09874	ST MICHAEL ST	CHURCH ST	DESALEARS AL	30	81.99	AC	650	81	SATISFACTORY	Y	
HAM09873	ST MICHAEL ST	DESALEARS AL	NEAVE ST	30	329.34	AC	335	93	GOOD	Y	
HAM01724	ST MICHAEL ST	NEAVE ST	STATE AV	29	251.13	AC	650	83	SATISFACTORY	Y	
HAM05548	ST PAUL DR	ALPINE PL	EDEN PARK DR	23	353.10	AC	650	44	POOR	Y	ONE WAY
HAM26089	ST PAUL PL	PAVILION ST	MONASTERY ST	18	273.89	AC	650	36	VERY POOR	Y	ONE WAY
HAM39640	ST PAUL PL	TERM S OF PAVILION ST	PAVILION ST	18	199.58	AC	650	30	VERY POOR	Y	
HAM05353	ST PETERS ST	BABB AL	RIVERSIDE DR	23	137.25	AC	650	89	GOOD	Y	
HAM03327	ST WILLIAMS AV	ROSEMONT AV	SUNSET AV	28	584.31	AC	650	95	GOOD	Y	
HAM03326	ST WILLIAMS AV	SUNSET AV	RUTLEDGE AV	24	774.93	AC	339	65	FAIR	Y	
HAM37347	STACEY AV	DUCK CREEK RD	TERM N OF DUCK CREEK RD	34	249.37	AC	650	33	VERY POOR	Y	
HAM06116	STACON ST	CONGRESS AV	STANLEY AV	39	285.84	BR	650	-1		Y	
HAM01721	STAEBLER ST	NEAVE ST	STATE AV	24	182.30	AC	650	55	POOR	Y	
HAM64831	STAEBLER ST	TERM E OF NEAVE ST	NEAVE ST	24	322.65	AC	650	43	POOR	Y	
HAM13189	STAFFORD ST	ERIE AV	WARRICK ST	26	637.44	AC	650	85	SATISFACTORY	Y	
HAM13103	STAFFORD ST	WARRICK ST	MADISON RD	34	327.62	AC	601	66	FAIR	Y	
HAM38061	STANDISH AV	COLERIDGE AV	TERM E OF COLERIDGE AV	14	551.43	AC	650	50	POOR	Y	
HAM11468	STANDISH AV	HEDGE AV	PLAINFIELD RD	21	1071.33	AC	514	47	POOR	Y	
HAM11464	STANDISH AV	RED BANK RD	HEDGE AV	27	776.69	AC	650	77	SATISFACTORY	Y	
HAM02154	STANFORD DR	HOWARD AV	NORTHVIEW AV	26	228.49	AC	504	48	POOR	Y	
HAM02155	STANFORD DR	NORTHVIEW AV	ROBINSON CIR	24	138.91	AC	650	38	VERY POOR	Y	
HAM35492	STANFORD DR	TERM E OF HOWARD AV	HOWARD AV	25	360.47	AC	398	28	VERY POOR	Y	
HAM17997	STANHILL CT	LOCKARD AV	SUTTON AV	13	952.87	AC	650	33	VERY POOR	Y	
HAM33791	STANHOPE AV	DAYTONA AV	TERM N OF DAYTONA AV	24	332.65	AC	650	84	SATISFACTORY	Y	
HAM15476	STANHOPE AV	SCHWARTZE AV	DAYTONA AV	25	460.87	AC	476	83	SATISFACTORY	Y	
HAM33790	STANHOPE AV	TERM S OF BROADWELL AV	BROADWELL AV	23	194.09	AC	565	55	POOR	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM36187	STANHOPE AV	TERM S OF SCHWARTZE AV	SCHWARTZE AV	24	730.53	AC	534	86	GOOD	Y	
HAM06077	STANLEY AV	BUTTERFIELD AL	COLUMBIA PKWY	40	167.28	AC	538	78	SATISFACTORY	Y	
HAM09086	STANLEY AV	COLUMBIA PKWY	WOODBRIDGE PL	40	254.94	AC	335	42	POOR	Y	
HAM06079	STANLEY AV	EASTERN AV	MORRIS PL	39	323.75	AC	599	40	VERY POOR	Y	
HAM09124	STANLEY AV	GRANDIN RD	KROGERVALLEY DR	39	636.26	AC	650	63	FAIR	Y	
HAM05403	STANLEY AV	KELLOGG AV	WOOL ST	44	205.84	AC	650	39	VERY POOR	Y	
HAM06078	STANLEY AV	MORRIS PL	BUTTERFIELD AL	39	148.90	AC	293	83	SATISFACTORY	Y	
HAM09150	STANLEY AV	PERIGNON PL	VINEYARD PL	39	289.40	AC	316	22	SERIOUS	Y	
HAM06096	STANLEY AV	STACON ST	EASTERN AV	46	187.55	AC	272	41	POOR	Y	
HAM09105	STANLEY AV	STANLEY LN	PERIGNON PL	40	332.84	AC	421	38	VERY POOR	Y	
HAM09106	STANLEY AV	STONE ARBOR LN	STANLEY LN	40	413.28	AC	402	28	VERY POOR	Y	
HAM09104	STANLEY AV	VINEYARD PL	GRANDIN RD	43	550.90	AC	247	65	FAIR	Y	
HAM09136	STANLEY AV	WOODBRIDGE PL	STONE ARBOR LN	41	1119.93	AC	290	49	POOR	Y	
HAM06080	STANLEY AV	WOOL ST	STACON ST	44	230.50	AC	204	55	POOR	Y	
HAM24155	STANTON AV	BEECHER ST	MELISH PL	36	283.45	AC	310	48	POOR	Y	
HAM26178	STANTON AV	E MCMILLAN ST	WILLIAM H TAFT RD	35	569.31	AC	650	100	GOOD	Y	
HAM24154	STANTON AV	LINCOLN AV	BEECHER ST	36	459.83	AC	460	39	VERY POOR	Y	
HAM26186	STANTON AV	OAK ST	OAK ST	34	208.82	AC	269	36	VERY POOR	Y	
HAM26192	STANTON AV	OAK ST	LINCOLN AV	36	883.75	AC	217	36	VERY POOR	Y	
HAM26187	STANTON AV	WILLIAM H TAFT RD	OAK ST	36	651.90	AC	580	30	VERY POOR	Y	
HAM08323	STARK ST	BRANCH ST	CENTRAL AV	31	751.21	AC	385	60	FAIR	Y	
HAM08426	STARK ST	DUNLAP ST	BRANCH ST	32	203.07	AC	650	70	FAIR	Y	
HAM01667	STATE AV	DUTTON ST	SOUTH ST	37	253.30	AC	135	57	FAIR	Y	
HAM11795	STATE AV	ELBERON AV	ST MICHAEL ST	41	308.02	PCC	309	95	GOOD	Y	
HAM08591	STATE AV	ERNST ST	HARRISON AV	37	524.49	AC	323	44	POOR	Y	
HAM08778	STATE AV	GEST ST	WILDER AV	36	552.07	AC	353	57	FAIR	Y	
HAM01673	STATE AV	HATMAKER ST	PARDEE AL	37	146.44	AC	179	90	GOOD	Y	
HAM08592	STATE AV	LEHMAN RD	ERNST ST	37	1186.09	AC	188	51	POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM08212	STATE AV	MISTLETOE AV	W LIBERTY ST	36	1191.40	AC	193	42	POOR	Y	
HAM01671	STATE AV	PARDEE AL	W 8TH ST	36	187.78	AC	556	87	GOOD	Y	
HAM01683	STATE AV	RIVER RD	ELBERON AV	36	388.08	PCC	302	88	GOOD	Y	
HAM31766	STATE AV	SARATOGA ST	LEHMAN RD	38	1226.72	AC	181	50	POOR	Y	
HAM01761	STATE AV	SOUTH ST	GEST ST	35	467.66	AC	321	47	POOR	Y	
HAM01677	STATE AV	ST MICHAEL ST	STORRS ST	36	287.72	AC	195	93	GOOD	Y	
HAM01674	STATE AV	STAEBLER ST	HATMAKER ST	36	231.38	AC	208	90	GOOD	Y	
HAM01675	STATE AV	STORRS ST	STAEBLER ST	36	197.84	AC	150	91	GOOD	Y	
HAM01670	STATE AV	W 8TH ST	DUTTON ST	40	260.48	AC	597	64	FAIR	Y	
HAM31765	STATE AV	W LIBERTY ST	SARATOGA ST	37	271.05	AC	161	31	VERY POOR	Y	
HAM08732	STATE AV	WILDER AV	MISTLETOE AV	36	1027.13	AC	148	49	POOR	Y	
HAM15464	STATHEM AV	ELDER AL	HARRISON AV	36	423.37	AC	553	36	VERY POOR	Y	
HAM15447	STATHEM AV	GARRICK CT	URWILER AV	36	194.13	AC	650	38	VERY POOR	Y	
HAM15433	STATHEM AV	JENNIFER CT	JUNIETTA AV	36	198.98	AC	516	34	VERY POOR	Y	
HAM15432	STATHEM AV	JUNIETTA AV	GARRICK CT	36	195.33	AC	650	32	VERY POOR	Y	
HAM15434	STATHEM AV	MONTANA AV	JENNIFER CT	35	191.06	AC	650	46	POOR	Y	
HAM38967	STATHEM AV	TERM S OF MONTANA AV	MONTANA AV	24	330.72	AC	650	40	VERY POOR	Y	
HAM15453	STATHEM AV	URWILER AV	ELDER AL	35	188.23	AC	649	45	POOR	Y	
HAM18340	STATION AV	KEENAN AV	MELLWOOD AV	27	419.08	AC	443	83	SATISFACTORY	Y	
HAM18337	STATION AV	MELLWOOD AV	CIRCLE AV	27	403.94	AC	571	44	POOR	Y	
HAM27218	STATION AV	SPRING GROVE AV	CHESTER AV	35	308.56	AC	582	50	POOR	Y	
HAM35270	STEGER DR	EDISON DR	E SEYMOUR AV	40	1349.44	PCC	482	57	FAIR	Y	
HAM39692	STEGER DR	TERM SE OF EDISON DR	EDISON DR	40	1122.89	PCC	532	75	SATISFACTORY	Y	
HAM16942	STEINER AV	HARTMAN ST	TERM NW OF STEINER AV SPLIT	26	971.17	AC	393	79	SATISFACTORY	Y	
HAM16930	STEINER AV	RIVER RD	HARTMAN ST	25	1179.30	AC	449	66	FAIR	Y	
HAM33845	STELLA AV	TERM S OF HOLLYWOOD AV	HOLLYWOOD AV	23	155.35	AC	650	42	POOR	Y	
HAM39707	STERNBLOCK LN	TERM W OF READING RD	READING RD	21	802.74	AC	505	30	VERY POOR	Y	
HAM38697	STERRETT AV	TERM E OF GLENWAY AV	WING ST	16	570.23	AC	650	37	VERY POOR	Y	
HAM05813	STETSON ST	BELLEVUE AV	HIGHLAND AV	37	406.29	AC	650	54	POOR	Y	
HAM17398	STETTINIUS AV	ERIE AV	MADISON RD	36	720.74	AC	535	55	POOR	Y	
HAM06433	STETTINIUS AV	HANDASYDE CT	RITCHIE AV	19	288.15	AC	626	68	FAIR	Y	
HAM19736	STETTINIUS AV	MADISON RD	TERM N OF MADISON RD	27	1026.96	AC	615	40	VERY POOR	Y	
HAM06479	STETTINIUS AV	OBSERVATORY AV	ERIE AV	36	881.91	AC	650	45	POOR	Y	
HAM06431	STETTINIUS AV	PERKINS LN	SALEM ST	18	145.67	AC	650	38	VERY POOR	Y	
HAM06432	STETTINIUS AV	RITCHIE AV	PERKINS LN	19	156.32	AC	650	44	POOR	Y	
HAM06450	STETTINIUS AV	SALEM ST	OBSERVATORY AV	18	353.53	AC	650	48	POOR	Y	
HAM22069	STEWART AV	CHANDLER ST	DAVIES PL	30	414.88	AC	349	78	SATISFACTORY	Y	
HAM33976	STEWART AV	COVINGTON AV	MADISON RD	26	1029.25	AC	291	92	GOOD	Y	
HAM22095	STEWART AV	DAVIES PL	WAGNERS CT	31	249.54	AC	158	84	SATISFACTORY	Y	
HAM22078	STEWART AV	LUHN AV	CINC|COLUTP CORPLINE	29	272.73	AC	164	64	FAIR	Y	
HAM00576	STEWART AV	MADISON RD	CHANDLER ST	30	1085.40	AC	436	32	VERY POOR	Y	
HAM06877	STEWART AV	ORLANDO PL	COVINGTON AV	26	176.54	AC	482	92	GOOD	Y	
HAM22096	STEWART AV	WAGNERS CT	LUHN AV	30	288.20	AC	174	79	SATISFACTORY	Y	
HAM39612	STEWART PL	TERM W OF READING RD	READING RD	29	544.07	AC	650	40	VERY POOR	Y	
HAM22091	STEWART RD	STEWART AV	MONNING PL	30	72.55	AC	650	78	SATISFACTORY	Y	
HAM27307	STIER AL	TERM S OF HOPPLE ST	HOPPLE ST	7	184.86		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM36479	STILLE DR	RIVER RD	TERM NE OF RIVER RD	36	707.48	PCC	616	31	VERY POOR	Y	
HAM30284	STILLWELL RD	CREST HILL AV	DEBONAIR CT	25	898.84	AC	277	92	GOOD	Y	
HAM30300	STILLWELL RD	DEBONAIR CT	DON RICH CT	25	877.45	AC	121	91	GOOD	Y	
HAM38201	STILLWELL RD	DON RICH CT	TERM N OF DON RICH CT	24	167.46	AC	650	91	GOOD	Y	
HAM07854	STILLWELL RD	SUMMIT RD	CREST HILL AV	24	921.79	AC	650	95	GOOD	Y	
HAM40923	STITES AV	EASTERN AV	FEEMSTER ST	24	306.13	AC	650	80	SATISFACTORY	Y	
HAM39560	STITES RD	TERM SW OF KELLOGG AV	KELLOGG AV	20	1115.02	AC	600	54	POOR	Y	UNCOLLECTED PORTION BLOCKED BY GATE
HAM27292	STOCK ST	BANGOR AL	SIDNEY AV	37	129.86	AC	351	93	GOOD	Y	
HAM27294	STOCK ST	HENSHAW AV	COLERAIN AV	29	261.46	AC	533	93	GOOD	Y	
HAM27295	STOCK ST	HOLDER AL	HENSHAW AV	36	126.34	AC	650	92	GOOD	Y	
HAM27291	STOCK ST	MASSACHUSETTS AV	BANGOR AL	35	126.01	AC	363	88	GOOD	Y	
HAM27293	STOCK ST	SIDNEY AV	HOLDER AL	34	132.07	AC	419	94	GOOD	Y	
HAM02313	STODDARD PL	KINGSTON PL	UNDERWOOD PL	14	272.40	AC	650	50	POOR	Y	
HAM37132	STONE CHAPEL LN	CHAPELRIDGE DR	TERM SW OF CHAPELRIDGE DR	27	494.37	AC	564	95	GOOD	Y	
HAM36766	STONYBROOK DR	NORTHWOOD DR	TERM E OF READING RD	20	520.48	AC	650	51	POOR	Y	
HAM08751	STORRS ST	BURNS ST	DESALEARS AL	30	116.68	AC	650	46	POOR	Y	
HAM08750	STORRS ST	DESALEARS AL	NEAVE ST	30	508.38	AC	650	40	VERY POOR	Y	
HAM01723	STORRS ST	NEAVE ST	STATE AV	35	209.79	AC	650	41	POOR	Y	
HAM05377	STRADER AV	BABB AL	RIVERSIDE DR	40	133.65	AC	650	53	POOR	Y	
HAM05455	STRADER AV	HUMBERT ST	WOOL ST	39	493.71	AC	250	80	SATISFACTORY	Y	
HAM37772	STRADER AV	TERM SW OF HUMBERT ST	HUMBERT ST	12	280.05	AC	650	24	SERIOUS	Y	
HAM05384	STRADER AV	WOOL ST	BABB AL	41	349.85	AC	326	76	SATISFACTORY	Y	
HAM40579	STRAFER ST	TERM SW OF HANDMAN AV	HANDMAN AV	26	855.68	AC	650	75	SATISFACTORY	Y	
HAM21374	STRAIGHT ST	CLIFTON AV	STRATFORD AV	41	475.31	AC	428	74	SATISFACTORY	Y	
HAM08134	STRAIGHT ST	COLERAIN AV	COOK ST	36	277.83	AC	516	100	GOOD	Y	
HAM08133	STRAIGHT ST	COOK ST	SPRING GROVE AV	36	318.55	AC	480	100	GOOD	Y	
HAM19852	STRAIGHT ST	COY ST	LUNA AV	40	248.81	AC	379	37	VERY POOR	Y	
HAM19969	STRAIGHT ST	HUKILL AL	HALSTEAD ST	23	124.35	AC	546	76	SATISFACTORY	Y	
HAM19824	STRAIGHT ST	RAVINE ST	COY ST	40	201.48	AC	650	45	POOR	Y	
HAM33134	STRAIGHT ST	STRATFORD AV	UNIVERSITY CT	40	396.44	AC	552	54	POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM38487	STRAIGHT ST	TERM E OF COLERAIN AV	COLERAIN AV	36	349.37	AC	582	100	GOOD	Y	
HAM21361	STRAIGHT ST	UNIVERSITY CT	VESTRY AV	41	228.44	AC	650	47	POOR	Y	
HAM21360	STRAIGHT ST	VESTRY AV	RAVINE ST	41	221.60	AC	502	48	POOR	Y	
HAM19812	STRAIGHT ST	W MCMICKEN AV	HUKILL AL	24	142.03	AC	650	76	SATISFACTORY	Y	
HAM19822	STRAIGHT ST	WAGNER ST	W MCMICKEN AV	39	1066.81	AC	537	41	POOR	Y	
HAM00158	STRAND LN	BETTMAN DR	HOLLAND DR	27	453.65	AC	510	40	VERY POOR	Y	
HAM00157	STRAND LN	DUTCH COLONY DR	BETTMAN DR	27	263.81	AC	580	42	POOR	Y	
HAM00182	STRAND LN	HOLLAND DR	WINNESTE AV	26	578.07	AC	399	51	POOR	Y	
HAM19915	STRATFORD AV	EMMING ST	WARNER ST	30	732.32	AC	650	86	GOOD	Y	
HAM31206	STRATFORD AV	JOSELIN AV	PROBASCO ST	23	516.57	AC	650	83	SATISFACTORY	Y	
HAM32165	STRATFORD AV	KLOTTER AV	EMMING ST	21	240.23	AC	650	87	GOOD	Y	
HAM19916	STRATFORD AV	STRAIGHT ST	JOSELIN AV	24	1210.29	AC	650	73	SATISFACTORY	Y	
HAM33136	STRATFORD AV	WARNER ST	W MCMILLAN ST	29	1138.94	AC	583	83	SATISFACTORY	Y	
HAM38381	STRATFORD PL	PADDOCK RD	TERM E OF PADDOCK RD	21	433.92	AC	650	88	GOOD	Y	
HAM34010	STRATHMORE DR	DUCK CREEK RD	SONOMA CT	36	824.51	AC	235	95	GOOD	Y	
HAM39673	STRATHMORE DR	SONOMA CT	TERM E OF SONOMA CT	19	281.32	AC	650	62	FAIR	Y	
HAM39028	STREAMSIDE CT	COPPERLEAF LN	TERM NE OF COPPERLEAF LN	24	351.19	AC	487	82	SATISFACTORY	Y	
HAM29457	STRENG ST	BLESS AV	LUDLOW AV	20	920.69	AC	527	58	FAIR	Y	
HAM18208	STURGIS AV	TERM W OF DICKSON AV	DICKSON AV	37	845.10	AC	632	82	SATISFACTORY	Y	
HAM01928	STURM ST	WARSAW AV	LACLEDE AV	24	495.27	AC	650	41	POOR	Y	
HAM37678	SUE LN	TERM E OF QUEEN CITY AV	QUEEN CITY AV	26	213.42	AC	650	68	FAIR	Y	
HAM14810	SUFFOLK ST	CORBLY ST	COFFEY ST	16	1021.43	AC	650	39	VERY POOR	Y	
HAM36947	SUGARBERRY CT	REDCEDAR DR	TERM W OF REDCEDAR DR	24	280.44	AC	414	68	FAIR	Y	
HAM03306	SUIRE AV	W 8TH ST	ST LAWRENCE AV	35	1107.37	AC	650	32	VERY POOR	Y	
HAM38626	SUMMER ST	GEST ST	TERM N OF GEST ST	30	738.48	AC	420	93	GOOD	Y	
HAM08711	SUMMER ST	SOUTH ST	GEST ST	29	449.76	AC	650	34	VERY POOR	Y	
HAM02540	SUMMIT AV	PRICE AV	MARYLAND AV	27	791.25	AC	569	86	GOOD	Y	
HAM39203	SUMMIT AV	TERM S OF W 8TH ST	W 8TH ST	27	365.63	AC	592	87	GOOD	Y	
HAM10167	SUMMIT AV	W 8TH ST	PRICE AV	27	417.21	AC	650	87	GOOD	Y	
HAM20390	SUMMIT RD	CINC|SPRGTP CORPLINE	GREENLAND PL	37	991.23	AC	214	71	SATISFACTORY	Y	
HAM29803	SUMMIT RD	CINC|SPRGTP CORPLINE	SECTION RD	27	762.50	AC	378	59	FAIR	Y	
HAM07810	SUMMIT RD	GREENLAND PL	NEWBEDFORD AV	37	633.22	AC	229	70	FAIR	Y	
HAM56537	SUMMIT RD	LEWIS DR	CINC|SPRGTP CORPLINE	27	1325.81	AC	228	57	FAIR	Y	
HAM07852	SUMMIT RD	NEWBEDFORD AV	STILLWELL RD	37	303.92	AC	389	70	FAIR	Y	
HAM56536	SUMMIT RD	PADDOCK RD	LEWIS DR	49	598.11	AC	384	67	FAIR	Y	
HAM04622	SUMMIT RD	READING RD	REINHOLD DR	36	876.99	AC	447	43	POOR	Y	
HAM07853	SUMMIT RD	STILLWELL RD	READING RD	40	315.94	AC	650	48	POOR	Y	
HAM11743	SUMTER AV	COVEDALE AV	CINC|GREETP CORPLINE	20	153.64	AC	650	79	SATISFACTORY	Y	
HAM35557	SUNBURST LN	TRENTON AV	TERM NW OF TRENTON AV	22	303.84	AC	650	65	FAIR	Y	
HAM09351	SUNCREST DR	GRIEST AV	HERSCHEL AV	24	1120.28	AC	583	64	FAIR	Y	
HAM30273	SUNFIELD DR	COLMAR LN	WYNNEWOOD LN	24	265.73	AC	638	61	FAIR	Y	
HAM30275	SUNFIELD DR	CREST HILL AV	COLMAR LN	24	265.39	AC	393	52	POOR	Y	
HAM30279	SUNFIELD DR	WYNNEWOOD LN	SUNNYBROOK DR	25	257.20	AC	331	56	FAIR	Y	
HAM30280	SUNNYBROOK DR	SUNFIELD DR	READING RD	25	1123.48	AC	515	51	POOR	Y	
HAM38144	SUNNYHILL DR	WILLIAMSBURG DR	TERM N OF WILLIAMSBURG DR	15	648.51	AC	530	72	SATISFACTORY	Y	
HAM11910	SUNNYSLOPE DR	SUNNYSLOPE TER	PADDOCK RD	26	555.83	AC	650	80	SATISFACTORY	Y	
HAM38383	SUNNYSLOPE DR	TERM W OF SUNNYSLOPE TER	SUNNYSLOPE TER	25	187.05	AC	650	70	FAIR	Y	
HAM38382	SUNNYSLOPE TER	SUNNYSLOPE DR	TERM N OF SUNNYSLOPE DR	20	169.08	AC	650	80	SATISFACTORY	Y	
HAM00921	SUNRIDGE DR	EBONY LN	CINC|SPRGTP CORPLINE	24	100.43	AC	589	60	FAIR	Y	
HAM37994	SUNRIDGE DR	TERM S OF VENETIAN TER	VENETIAN TER	25	758.78	AC	537	82	SATISFACTORY	Y	
HAM12973	SUNRIDGE DR	VENETIAN TER	EBONY LN	24	916.44	AC	465	79	SATISFACTORY	Y	
HAM34449	SUNSET AV	GLENWAY AV	RAPID RUN PIKE	36	1555.74	AC	431	50	POOR	Y	
HAM10401	SUNSET AV	GUERLEY RD	SUNSET LN	51	651.74	AC	415	37	VERY POOR	Y	
HAM03309	SUNSET AV	JAMESTOWN ST	WESTHAVEN AV	29	937.61	AC	287	43	POOR	Y	
HAM32370	SUNSET AV	RAPID RUN PIKE	GUERLEY RD	51	1487.39	AC	299	33	VERY POOR	Y	
HAM03311	SUNSET AV	ST WILLIAMS AV	JAMESTOWN ST	28	395.69	AC	310	46	POOR	Y	
HAM10402	SUNSET AV	SUNSET LN	QUEEN CITY AV	53	803.88	AC	650	62	FAIR	Y	
HAM10403	SUNSET AV	SUNSET LN	SUNSET LN	52	1735.28	AC	382	39	VERY POOR	Y	
HAM03328	SUNSET AV	W 8TH ST	ST WILLIAMS AV	30	500.25	AC	650	44	POOR	Y	
HAM02399	SUNSET AV	WESTHAVEN AV	WESTHAVEN AV	29	126.78	AC	433	40	VERY POOR	Y	
HAM34446	SUNSET AV	WESTHAVEN AV	GLENWAY AV	29	582.56	AC	586	36	VERY POOR	Y	
HAM10404	SUNSET LN	SUNSET AV	SUNSET AV	15	2245.47	AC	650	84	SATISFACTORY	Y	ONE WAY
HAM37814	SUNSHINE AV	MCHENRY AV	TERM N OF MCHENRY AV	20	937.98	AC	650	91	GOOD	Y	
HAM14829	SUNVALLEY LN	BEECHMAR DR	MEADOWMAR LN	25	543.45	AC	650	51	POOR	Y	
HAM53321	SUNWALK DR	FRIENDSHIP LN	RHODE ISLAND AV	26	99.89	AC	650	80	SATISFACTORY	Y	
HAM34561	SUNWALK DR	MOSAIC LN	WANDERLING LN	27	132.41	AC	650	78	SATISFACTORY	Y	
HAM39758	SUSPENSION BRIDGE APPR	CINC CORPLINE	E TED BERRY WY	31	941.64		-1	-1		N	BLOCKED BY CONSTRUCTION
KEN54863	SUSPENSION BRIDGE APPR	TERM S OF	CINC CORPLINE	51	1142.17		-1	-1		N	BLOCKED BY CONSTRUCTION
HAM14807	SUSSEX AV	CORBLY ST	COFFEY ST	16	881.61	AC	588	41	POOR	Y	
HAM09510	SUTTER AV	BEEKMAN ST	MOOSEWOOD CT	31	432.37	AC	610	46	POOR	Y	
HAM21837	SUTTER AV	BLEECKER LN	HEATH CT	33	462.25	AC	579	44	POOR	Y	
HAM21959	SUTTER AV	BOLTWOOD CT	WESTWOOD NORTHERN BLVD	34	1332.55	AC	354	42	POOR	Y	
HAM21835	SUTTER AV	HEATH CT	BOLTWOOD CT	34	778.99	AC	354	45	POOR	Y	
HAM53587	SUTTER AV	LINDEN ST	BLEECKER LN	20	1890.06	AC	261	68	FAIR	Y	
HAM09509	SUTTER AV	MOOSEWOOD CT	LINDEN ST	31	153.84	AC	645	46	POOR	Y	
HAM20521	SUTTON AV	ANDETP|CINC CORPLINE	ORCHARD DR	35	133.98	AC	256	48	POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM17998	SUTTON AV	BENNEVILLE ST	CAMPBELL AL	36	211.08	AC	279	53	POOR	Y	
HAM14352	SUTTON AV	CAMBRIDGE AV	LOCKARD AV	37	224.67	AC	303	61	FAIR	Y	
HAM14350	SUTTON AV	CAMPBELL AL	WAYSIDE AV	36	502.90	AC	265	63	FAIR	Y	
HAM14348	SUTTON AV	DELIQUIA DR	PLYMOUTH AV	37	350.81	AC	235	69	FAIR	Y	
HAM14355	SUTTON AV	GLADE AV	HEIS TER	35	242.34	AC	275	68	FAIR	Y	
HAM14354	SUTTON AV	HEIS TER	VIRBET DR	37	600.61	AC	231	54	POOR	Y	
HAM17999	SUTTON AV	LOCKARD AV	STANHILL CT	36	447.47	AC	311	57	FAIR	Y	
HAM14351	SUTTON AV	MORROW ST	DELIQUIA DR	37	538.93	AC	650	62	FAIR	Y	
HAM40980	SUTTON AV	OLD SUTTON AV	CORBLY ST	44	219.29	AC	289	56	FAIR	Y	
HAM20525	SUTTON AV	ORCHARD DR	GLADE AV	37	458.73	AC	371	69	FAIR	Y	
HAM40979	SUTTON AV	PLYMOUTH AV	OLD SUTTON AV	42	225.41	AC	238	62	FAIR	Y	
HAM18000	SUTTON AV	STANHILL CT	BENNEVILLE ST	36	434.10	AC	308	75	SATISFACTORY	Y	
HAM14353	SUTTON AV	VIRBET DR	CAMBRIDGE AV	37	659.67	AC	231	53	POOR	Y	
HAM14349	SUTTON AV	WAYSIDE AV	MORROW ST	37	143.20	AC	340	47	POOR	Y	
HAM30266	SUTTON RD	KELLOGG RD	TWO MILE RD	19	1664.26	AC	357	80	SATISFACTORY	Y	
HAM52500	SWAN PL	RENFRO AV	TERM N OF RENFRO AV	17	107.02	AC	650	80	SATISFACTORY	Y	
HAM38956	SWAN PL	TERM S OF RENFRO AV	RENFRO AV	20	113.47	AC	650	83	SATISFACTORY	Y	
HAM08599	SWIFT AL	CROW AL	SYCAMORE ST	9	209.37		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM11936	SWIFT AV	LYSLE LN	ATTICA AV	24	362.87	AC	497	39	VERY POOR	Y	
HAM32015	SWISS CHALET CT	CLIFTON AV	CLIFTON AV	63	243.00	AC	650	83	SATISFACTORY	Y	ONE WAY
HAM53488	SYCAMORE ST	ALDEN AL	E 9TH ST	40	175.73	AC	308	72	SATISFACTORY	Y	ONE WAY
HAM52483	SYCAMORE ST	ALMA ST	WALKER ST	49	146.32	AC	189	92	GOOD	Y	
HAM20378	SYCAMORE ST	BOAL ST	MULBERRY ST	41	395.02	AC	122	92	GOOD	Y	
HAM26053	SYCAMORE ST	CUTS AL	E 6TH ST	40	177.69	AC	313	61	FAIR	Y	ONE WAY
HAM20379	SYCAMORE ST	DORSEY ST	ALMA ST	40	584.37	AC	239	91	GOOD	Y	
HAM08700	SYCAMORE ST	E 12TH ST	GREAR AL	42	115.26	AC	265	61	FAIR	Y	
HAM20256	SYCAMORE ST	E 13TH ST	E 14TH ST	39	507.98	AC	650	86	GOOD	Y	
HAM20257	SYCAMORE ST	E 14TH ST	ORCHARD ST	37	219.58	AC	159	67	FAIR	Y	
HAM33859	SYCAMORE ST	E 3RD ST	HAMMOND ST	47	151.40	AC	650	76	SATISFACTORY	Y	ONE WAY
HAM34626	SYCAMORE ST	E 4TH ST	PRIVATE AL	40	214.72	AC	308	71	SATISFACTORY	Y	ONE WAY
HAM26055	SYCAMORE ST	E 5TH ST	CUTS AL	41	303.49	AC	220	93	GOOD	Y	ONE WAY
HAM26052	SYCAMORE ST	E 6TH ST	NEW ST	41	236.25	AC	650	96	GOOD	Y	ONE WAY
HAM61574	SYCAMORE ST	E 7TH ST	SYCAMORE ST	39	278.04	AC	297	96	GOOD	Y	ONE WAY
HAM08675	SYCAMORE ST	E 8TH ST	ALDEN AL	39	174.72	AC	329	77	SATISFACTORY	Y	ONE WAY
HAM08673	SYCAMORE ST	E 9TH ST	SWIFT AL	41	127.94	AC	242	68	FAIR	Y	ONE WAY
HAM08671	SYCAMORE ST	E CENTRAL PKWY	READING RD	36	191.08	AC	452	68	FAIR	Y	
HAM08668	SYCAMORE ST	E COURT ST	E CENTRAL PKWY	51	424.68	AC	200	87	GOOD	Y	ONE WAY
HAM20264	SYCAMORE ST	E LIBERTY ST	MILTON ST	40	347.27	AC	466	93	GOOD	Y	
HAM08702	SYCAMORE ST	ELLIOTT ST	MICHAEL BANY WY	40	91.37	AC	154	81	SATISFACTORY	Y	
HAM20375	SYCAMORE ST	GOETHE ST	DORSEY ST	41	165.89	AC	228	92	GOOD	Y	
HAM08699	SYCAMORE ST	GREAR AL	E 13TH ST	40	121.84	AC	215	58	FAIR	Y	
HAM26075	SYCAMORE ST	HAMMOND ST	E 4TH ST	47	314.63	AC	241	79	SATISFACTORY	Y	ONE WAY
HAM08701	SYCAMORE ST	MICHAEL BANY WY	E 12TH ST	40	152.59	AC	508	72	SATISFACTORY	Y	
HAM20262	SYCAMORE ST	MILTON ST	BOAL ST	41	123.98	AC	154	92	GOOD	Y	
HAM20377	SYCAMORE ST	MULBERRY ST	SEITZ ST	41	182.78	AC	159	90	GOOD	Y	
HAM26051	SYCAMORE ST	NEW ST	E 7TH ST	41	224.88	AC	282	84	SATISFACTORY	Y	ONE WAY
HAM20254	SYCAMORE ST	ORCHARD ST	E LIBERTY ST	37	164.65	AC	650	86	GOOD	Y	
HAM26054	SYCAMORE ST	PRIVATE AL	E 5TH ST	41	236.04	AC	238	66	FAIR	Y	ONE WAY
HAM08703	SYCAMORE ST	READING RD	ELLIOTT ST	42	137.29	AC	553	75	SATISFACTORY	Y	
HAM20376	SYCAMORE ST	SEITZ ST	GOETHE ST	41	169.85	AC	214	93	GOOD	Y	
HAM08672	SYCAMORE ST	SWIFT AL	E COURT ST	41	102.63	AC	156	69	FAIR	Y	ONE WAY
HAM20113	SYCAMORE ST	WALKER ST	DORCHESTER AV	51	159.51	AC	650	91	GOOD	Y	
HAM21903	SYLVAN AV	ELMORE ST	POWERS ST	30	552.54	AC	294	83	SATISFACTORY	Y	
HAM26197	SYMMES ST	BURBANK ST	WAYNE ST	30	548.28	AC	544	27	VERY POOR	Y	
HAM26133	SYMMES ST	MANITOU ST	MONROE ST	30	274.61	AC	372	57	FAIR	Y	
HAM24236	SYMMES ST	MCGREGOR AV	WILKINSON ST	29	277.08	AC	650	39	VERY POOR	Y	
HAM24234	SYMMES ST	MONROE ST	MCGREGOR AV	30	270.13	AC	650	36	VERY POOR	Y	
HAM27936	SYMMES ST	WAYNE ST	E MCMILLAN ST	32	285.01	AC	650	30	VERY POOR	Y	
HAM24208	SYMMES ST	WILKINSON ST	BURBANK ST	30	276.20	AC	476	40	VERY POOR	Y	
HAM19815	TAFEL ST	ENSLIN ST	W MCMICKEN AV	29	714.02	AC	578	53	POOR	Y	
HAM19850	TAFEL ST	WAGNER ST	ENSLIN ST	30	294.30	AC	453	37	VERY POOR	Y	
HAM37937	TAFT ROAD LN	TERM S OF WILLIAM H TAFT RD	WILLIAM H TAFT RD	17	234.89	AC	650	94	GOOD	Y	
HAM00922	TAHITI DR	CAPRI DR	CINC|SPRGTP CORPLINE	23	428.35	AC	650	76	SATISFACTORY	Y	
HAM37995	TAHITI DR	TERM S OF VENETIAN TER	VENETIAN TER	24	812.18	AC	411	76	SATISFACTORY	Y	
HAM12965	TAHITI DR	VENETIAN TER	CAPRI DR	25	562.81	AC	325	58	FAIR	Y	
HAM02397	TALBERT ST	1ST AV	ILIFF AV	18	288.38	AC	650	45	POOR	Y	
HAM02393	TALBERT ST	DEWEY AV	ROSEMONT AV	23	250.52	AC	650	63	FAIR	Y	
HAM02395	TALBERT ST	GELLENBECK ST	GILSEY AV	20	130.00	AC	650	84	SATISFACTORY	Y	
HAM02394	TALBERT ST	GILSEY AV	DEWEY AV	24	126.27	AC	650	59	FAIR	Y	
HAM02396	TALBERT ST	ILIFF AV	GELLENBECK ST	14	291.18	AC	650	50	POOR	Y	
HAM39388	TALBOTT AV	TERM S OF HARRISON AV	HARRISON AV	25	967.14	AC	539	80	SATISFACTORY	Y	
HAM05971	TALLANT AV	DICK ST	HAVEN ST	25	247.63	PCC	650	60	FAIR	Y	
HAM37375	TAMARACK AV	GRIGG AV	TERM N OF GRIGG AV	25	475.30	AC	515	51	POOR	Y	
HAM38866	TANNEHILL LN	TERM S OF WINDISCH AV	WINDISCH AV	15	342.68	AC	650	85	SATISFACTORY	Y	
HAM09434	TANNEHILL LN	WINDISCH AV	PRINCIPIO AV	16	244.87	AC	650	83	SATISFACTORY	Y	
HAM37287	TANNER AV	DELMAR AV	TERM N OF DELMAR AV	20	259.35	AC	635	77	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM26464	TANNER AV	MARRYAT AV	DELMAR AV	20	539.74	AC	519	82	SATISFACTORY	Y	
HAM29938	TAPPAN AV	ELMORE ST	POWERS ST	20	576.44	AC	650	75	SATISFACTORY	Y	
HAM29891	TAPPAN AV	POWERS ST	HOFFNER ST	20	639.06	AC	626	55	POOR	Y	
HAM38591	TAPPAN AV	TERM S OF ELMORE ST	ELMORE ST	20	496.46	AC	459	76	SATISFACTORY	Y	
HAM09324	TARPIS AV	ERIE AV	ERIE AV	20	644.70	AC	650	41	POOR	Y	
HAM39184	TARPIS AV	ERIE AV	TERM N OF ERIE AV	24	605.56	AC	650	46	POOR	Y	
HAM39275	TAYLOR AV	FOULKE ST	TERM NW OF FOULKE ST	20	860.52	AC	599	36	VERY POOR	Y	
HAM12143	TAYLOR AV	MARKBREIT AV	MADISON RD	29	1208.04	AC	519	37	VERY POOR	Y	
HAM12146	TAYLOR AV	PAXTON AV	MARKBREIT AV	30	392.81	AC	650	74	SATISFACTORY	Y	
HAM00863	TEAKWOOD AV	DEVONWOOD DR	HAMILTON AV	20	1540.08	AC	369	45	POOR	Y	
HAM00864	TEAKWOOD AV	EDWOOD AV	DEVONWOOD DR	23	1182.19	AC	250	95	GOOD	Y	
HAM00866	TEAKWOOD AV	WIONNA AV	EDWOOD AV	25	288.59	AC	583	77	SATISFACTORY	Y	
HAM38032	TEAKWOOD CT	TEAKWOOD AV	TERM NE OF WIONNA AV	24	487.48	AC	564	64	FAIR	Y	
HAM38042	TEAKWOOD CT	TERM S OF WIONNA AV	TEAKWOOD AV	25	541.09	AC	436	61	FAIR	Y	
HAM05476	TELFORD ST	BRYANT AV	THRALL ST	29	313.56	AC	196	92	GOOD	Y	
HAM05494	TELFORD ST	LUDLOW AV	SHILOH ST	29	350.76	AC	384	83	SATISFACTORY	Y	ONE WAY
HAM05431	TELFORD ST	SHILOH ST	BRYANT AV	28	301.42	AC	311	88	GOOD	Y	
HAM15819	TEMPLE AV	EPWORTH AV	HARRISON AV	30	764.32	AC	465	94	GOOD	Y	
HAM39520	TEMPLE AV	TERM E OF EPWORTH AV	EPWORTH AV	25	1278.45	AC	650	67	FAIR	Y	
HAM12805	TENNESSEE AV	CINC|STBRND CORPLINE	PADDOCK RD	36	1319.74	AC	256	86	GOOD	Y	
HAM23918	TENNESSEE AV	PADDOCK RD	READING RD	41	2410.47	AC	224	83	SATISFACTORY	Y	
HAM23952	TENNESSEE AV	READING RD	TRANSPARK DR	41	1016.93	AC	261	81	SATISFACTORY	Y	
HAM23953	TENNESSEE AV	TRANSPARK DR	ROSS AV	57	192.59	AC	204	80	SATISFACTORY	Y	
HAM06049	TENNYSON ST	ALLEY #16	HOLBROOK AV	36	143.81	AC	650	55	POOR	Y	
HAM09773	TENNYSON ST	DUMONT ST	DUMONT ST	36	67.97	AC	650	45	POOR	Y	
HAM09778	TENNYSON ST	DUMONT ST	EASTERN AV	30	380.82	AC	650	37	VERY POOR	Y	
HAM09775	TENNYSON ST	HOLBROOK AV	DUMONT ST	36	285.49	AC	650	36	VERY POOR	Y	
HAM06050	TENNYSON ST	KELLOGG AV	ALLEY #16	36	143.40	AC	650	57	FAIR	Y	
HAM26134	TERHUNE AL	MANITOU ST	MONROE ST	22	259.28	AC	650	35	VERY POOR	Y	
HAM38560	TERHUNE AL	TERM S OF WAYNE ST	WAYNE ST	20	98.74	AC	650	29	VERY POOR	Y	
HAM05352	TERRACE AV	CLIFTON AV	ORMOND AV	32	557.12	AC	650	61	FAIR	Y	
HAM25508	TERRACE AV	ORMOND AV	WHITFIELD AV	34	757.71	AC	472	54	POOR	Y	
HAM25507	TERRACE AV	WHITFIELD AV	MORRISON AV	33	1439.87	AC	553	89	GOOD	Y	
HAM02232	TERRY ST	TERM S OF W 8TH ST	W 8TH ST	20	307.34	AC	650	42	POOR	Y	
HAM02227	TERRY ST	W 8TH ST	PRICE AV	30	552.86	AC	650	36	VERY POOR	Y	
HAM38984	TEXAS AV	GLENWAY AV	TERM N OF GLENWAY AV	23	486.97	AC	650	37	VERY POOR	Y	
HAM00245	THELMA AV	GRACELY DR	PARKLAND AV	25	313.66	AC	650	33	VERY POOR	Y	
HAM37142	THELMA AV	TERM SW OF GRACELY DR	GRACELY DR	29	265.17	AC	650	55	POOR	Y	
HAM33804	THERESA ST	GRAND AV	TERM W OF GRAND AV	16	399.44	AC	650	37	VERY POOR	Y	
HAM19957	THILL ST	EAST AL	LOTH ST	24	121.08	AC	460	42	POOR	Y	
HAM19954	THILL ST	LOTH ST	RICE ST	23	134.17	AC	594	67	FAIR	Y	
HAM19925	THILL ST	VINE ST	EAST AL	23	125.95	AC	650	71	SATISFACTORY	Y	
HAM39369	THINNES ST	FORBUS ST	TERM W OF FORBUS ST	22	168.23	AC	650	87	GOOD	Y	
HAM00338	THISBE AV	IVANHOE AV	HILLSIDE AV	11	708.40	AC	480	69	FAIR	Y	
HAM06503	THOBURNE ST	ROE ST	ERIE AV	21	550.67	AC	650	63	FAIR	Y	
HAM37698	THOMASVILLE DR	TERM SE OF ERLENE DR	ERLENE DR	37	430.05	AC	533	52	POOR	Y	
HAM11810	THOMPSON AV	KNOX ST	FAIRMOUNT AV	30	276.89	AC	650	44	POOR	Y	
HAM39361	THOMPSON AV	TERM S OF KNOX ST	KNOX ST	31	299.00	AC	650	48	POOR	Y	
HAM02166	THOMPSON HEIGHTS AV	TERM E OF LANGLAND ST	LANGLAND ST	19	667.42	AC	430	82	SATISFACTORY	Y	
HAM63573	THOMPSON HEIGHTS AV	TERM E OF WESTVIEW AV	WESTVIEW AV	30	134.94	AC	650	33	VERY POOR	Y	
HAM63572	THOMPSON HEIGHTS AV	WESTVIEW AV	GLEN PARKER AV	30	520.89	AC	650	40	VERY POOR	Y	
HAM35457	THOMWOOD DR	DEVONWOOD DR	TERM NW OF DEVONWOOD DR	24	296.08	AC	650	36	VERY POOR	Y	
HAM35458	THOMWOOD DR	TERM E OF DEVONWOOD DR	DEVONWOOD DR	24	918.66	AC	415	75	SATISFACTORY	Y	
HAM20533	THORNBIRD DR	ANDETP|CINC CORPLINE	MEARS AV	24	219.35	AC	259	72	SATISFACTORY	Y	
HAM37926	THORNBIRD DR	MEARS AV	TERM E OF MEARS AV	25	368.11	AC	536	65	FAIR	Y	
HAM11868	THORNHILL AV	BLUEBELL DR	W NORTH BEND RD	25	737.58	AC	645	38	VERY POOR	Y	
HAM38022	THORNHILL AV	TERM SE OF BLUEBELL DR	BLUEBELL DR	24	801.41	AC	522	60	FAIR	Y	
HAM11082	THORNTON AV	FORBES RD	GRACELY DR	19	253.42	AC	650	58	FAIR	Y	
HAM35927	THORNTON AV	TERM SW OF FORBES RD	FORBES RD	15	240.06	AC	650	35	VERY POOR	Y	
HAM25876	THORP AL	VINE ST	RACE ST	11	474.90		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM05483	THRALL ST	TELFORD ST	MIDDLETON AV	29	496.01	AC	340	92	GOOD	Y	
HAM37669	THRUSHFIELD TER	WESTBROOK DR	TERM N OF WESTBROOK DR	26	213.21	AC	650	42	POOR	Y	
HAM09013	THUBER AL	BASCHANG AL	ODEON ST	8	128.69		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM08332	THUBER AL	TIFFIN AL	WADE ST	8	112.39		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM08985	THUBER AL	W 15TH ST	BASCHANG AL	8	123.98		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM10747	TIERNAN AL	FINDLAY ST	LURCH AL	8	140.47		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM08403	TIERNAN AL	LURCH AL	CHARLOTTE ST	9	134.23		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM36989	TIFFANY LN	CAMBRIDGE AV	TERM N OF CAMBRIDGE AV	24	412.77	AC	449	91	GOOD	Y	
HAM30640	TIFFIN AL	ELM ST	THUBER AL	9	289.07		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM02768	TILLIE AV	CARNES ST	HIGH ST	14	108.16	AC	650	69	FAIR	Y	
HAM02769	TILLIE AV	CHAMPLAIN ST	CARNES ST	13	97.09	AC	650	39	VERY POOR	Y	
HAM02770	TILLIE AV	QUEEN CITY AV	CHAMPLAIN ST	16	127.34	PCC	650	72	SATISFACTORY	Y	
HAM39265	TILLOTSON ST	RAVINE ST	TERM W OF RAVINE ST	24	152.61	AC	650	96	GOOD	Y	
HAM00883	TIMBER TRL	GREENFIELD DR	TERM W OF	24	651.08	AC	329	83	SATISFACTORY	Y	
HAM00881	TIMBER TRL	TERM E OF	MONTEVISTA DR	25	148.89	AC	338	76	SATISFACTORY	Y	
HAM02857	TIMBERCREST DR	BLUE HAVEN TER	WESTBROOK DR	27	1045.04	AC	439	53	POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM02833	TIMBERCREST DR	QUEEN CITY AV	BLUE HAVEN TER	27	348.01	AC	643	55	POOR	Y	
HAM37407	TIMBERCROFT CT	TERM E OF KIPLINGWOOD DR	KIPLINGWOOD DR	25	343.95	AC	534	73	SATISFACTORY	Y	
HAM39634	TIMES AL	E 6TH ST	TERM N OF E 6TH ST	7	123.84		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM37980	TIMRICK CT	MOUNTVILLE DR	TERM NW OF MOUNTVILLE DR	24	675.58	AC	443	49	POOR	Y	
HAM37822	TINAVIEW CT	WESTWOOD NORTHERN BLVD	TERM NE OF WESTWOOD NORTHERN BLVD	27	278.83	AC	650	94	GOOD	Y	
HAM60095	TODD AV	WEST FORK RD	TERM N OF WEST FORK RD	23	297.36	AC	650	62	FAIR	Y	
HAM35402	TOLUCA CT	HEMPWOOD AV	TERM NW OF HEMPWOOD AV	24	337.67	AC	570	65	FAIR	Y	
HAM35404	TOLUCA CT	TERM E OF HEMPWOOD AV	HEMPWOOD AV	23	250.28	AC	420	84	SATISFACTORY	Y	
HAM14765	TOM ROTH PL	OXFORD AV	TERM E OF	15	208.60	AC	650	29	VERY POOR	Y	
HAM14766	TOM ROTH PL	TERM W OF	BEECHMONT AV	13	107.08		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM06533	TOMPKINS AV	BUTTERFIELD PL	VENDOME PL	26	762.87	AC	221	65	FAIR	Y	
HAM06514	TOMPKINS AV	RED BANK RD	BUTTERFIELD PL	25	1028.98	AC	325	52	POOR	Y	
HAM06532	TOMPKINS AV	VENDOME PL	CHIPPEWA ST	26	246.05	AC	650	66	FAIR	Y	
HAM11088	TOPINABEE RD	GRACELY DR	CATALPA RD	14	302.86	AC	328	93	GOOD	Y	
HAM35383	TOPRIDGE PL	TERM E OF WINNESTE AV	WINNESTE AV	24	390.16	AC	420	95	GOOD	Y	
HAM35765	TORRENCE CT	TERM S OF WHITMAN CT	WHITMAN CT	27	276.69	AC	650	60	FAIR	Y	
HAM05998	TORRENCE CT	TORRENCE CT	TORRENCE PKWY	22	305.47	AC	650	76	SATISFACTORY	Y	
HAM35764	TORRENCE CT	TORRENCE CT	TERM N OF TORRENCE CT SPLIT	22	213.61	AC	650	21	SERIOUS	Y	UNCOLLECTED PORTION BLOCKED BY GATE
HAM05995	TORRENCE CT	WHITMAN CT	TORRENCE CT	29	77.79	AC	474	71	SATISFACTORY	Y	
HAM09798	TORRENCE LN	ELMHURST AV	TORRENCE PKWY	29	562.72	AC	633	65	FAIR	Y	
HAM10707	TORRENCE PKWY	TORRENCE CT	TORRENCE LN	40	2313.72	AC	170	72	SATISFACTORY	Y	
HAM05736	TORRENCE PKWY	TORRENCE LN	MADISON RD	39	337.93	AC	514	73	SATISFACTORY	Y	
HAM05745	TORRENCE PKWY	WILLIAM H TAFT RD	TORRENCE CT	40	533.47	AC	420	72	SATISFACTORY	Y	
HAM05767	TORRENCE RD	RIVERSIDE DR	TERM E OF RIVERSIDE DR	19	276.33	AC	650	23	SERIOUS	Y	
HAM55344	TOTTEN AV	TOTTEN WY	ELLISON AV	25	484.72	AC	634	74	SATISFACTORY	Y	
HAM20416	TOWANDA TER	CHEYENNE DR	PADDOCK RD	25	335.88	AC	650	71	SATISFACTORY	Y	
HAM20417	TOWANDA TER	ELM VIEW PL	CHEYENNE DR	23	919.12	AC	361	64	FAIR	Y	
HAM37191	TOWANDA TER	TERM W OF ELM VIEW PL	ELM VIEW PL	21	274.44	AC	476	71	SATISFACTORY	Y	
HAM05927	TOWER ST	VINE ST	BELDARE AV	32	448.26	AC	650	54	POOR	Y	
HAM53132	TOWNE ST	CINC|ELMWPL CORPLINE	TOWNE ST TO I-75 NB EXWY RAMP	54	307.76	AC	329	93	GOOD	Y	
HAM27024	TOWNE ST	FISHWICK DR	PADDOCK RD	44	1217.14	AC	240	89	GOOD	Y	
HAM27026	TOWNE ST	TOWNE ST TO I-75 NB EXWY RAMP	FISHWICK DR	51	484.66	AC	130	85	SATISFACTORY	Y	
HAM27022	TOWNE ST TO I-75 NB EXWY RAMP	TOWNE ST	I-75 NB EXWY RAMP	28	1215.38	AC	524	92	GOOD	Y	ONE WAY
HAM64956	TOWNEVISTA DR	S TERM OF PUBLIC	CENTER HILL AV	25	689.75	AC	549	91	GOOD	Y	
HAM38613	TOWNSEND CT	COLERAIN AV	TERM SW OF COLERAIN AV	22	183.65	AC	650	35	VERY POOR	Y	
HAM38608	TOWNSEND PL	PRANG ST	TERM W OF PRANG ST	25	281.17	BR	650	-1		Y	
HAM38606	TOWNSEND ST	TERM E OF BORDEN ST	BORDEN ST	24	294.31	AC	519	95	GOOD	Y	
HAM25607	TOWNSHIP ST	COLERAIN AV	JESSAMINE AV	31	206.75	AC	650	92	GOOD	Y	
HAM25601	TOWNSHIP ST	HENSHAW AV	COLERAIN AV	30	237.78	AC	650	92	GOOD	Y	
HAM25583	TOWNSHIP ST	JESSAMINE AV	SPRING GROVE AV	30	233.67	AC	650	93	GOOD	Y	
HAM25599	TOWNSHIP ST	MASSACHUSETTS AV	SIDNEY AV	30	250.11	AC	330	93	GOOD	Y	
HAM25600	TOWNSHIP ST	SIDNEY AV	HENSHAW AV	30	249.40	AC	188	93	GOOD	Y	
HAM25566	TOWNSHIP ST	SPRING GROVE AV	TERM W OF SPRING GROVE AV	20	228.37	AC	650	95	GOOD	Y	
HAM39282	TOWNSHIP ST	TERM E OF MASSACHUSETTS AV	MASSACHUSETTS AV	31	65.84	AC	650	39	VERY POOR	Y	
HAM14795	TRAILWOOD DR	KNOTTYPINE DR	RIPPLEWOOD LN	25	340.35	AC	325	51	POOR	Y	
HAM14689	TRAILWOOD DR	OLD TIMBER PL	KNOTTYPINE DR	27	323.00	AC	425	38	VERY POOR	Y	
HAM14790	TRAILWOOD DR	RIPPLEWOOD LN	CORBLY ST	36	436.24	AC	650	39	VERY POOR	Y	
HAM14697	TRAILWOOD DR	SPINDLEWICK LN	OLD TIMBER PL	28	745.69	AC	416	80	SATISFACTORY	Y	
HAM08799	TRASKWOOD CIR	ASHWORTH DR	FORESTOAK CT	34	613.25	AC	321	78	SATISFACTORY	Y	
HAM08801	TRASKWOOD CIR	FORESTOAK CT	ASHWORTH DR	33	901.83	AC	345	70	FAIR	Y	
HAM37807	TREASURE CT	TERM SE OF MUSTANG DR	MUSTANG DR	23	395.45	AC	347	95	GOOD	Y	
HAM34991	TREMONT ST	ADLER ST	HARRISON AV	28	704.65	AC	650	42	POOR	Y	
HAM08068	TREMONT ST	BEEKMAN ST	PINETREE ST	31	782.98	AC	408	36	VERY POOR	Y	
HAM08108	TREMONT ST	PINETREE ST	ADLER ST	31	781.88	AC	615	57	FAIR	Y	
HAM03479	TRENTON AV	FEHR RD	SUNBURST LN	22	371.23	AC	650	87	GOOD	Y	
HAM03319	TRENTON AV	FLOWER AV	W 8TH ST	29	749.50	AC	403	81	SATISFACTORY	Y	
HAM30341	TRENTON AV	FOLEY RD	FRANCIS AV	26	350.77	AC	320	87	GOOD	Y	
HAM30340	TRENTON AV	FRANCIS AV	VINEDALE AV	30	312.31	AC	205	91	GOOD	Y	
HAM30342	TRENTON AV	ROEBLING RD	FOLEY RD	19	650.64	AC	241	91	GOOD	Y	
HAM03478	TRENTON AV	SUNBURST LN	ROEBLING RD	22	509.27	AC	230	94	GOOD	Y	
HAM30338	TRENTON AV	VINEDALE AV	FLOWER AV	30	309.56	AC	225	78	SATISFACTORY	Y	
HAM01987	TREVOR PL	VINTON ST	BALTIMORE AV	22	1251.55	AC	650	95	GOOD	Y	ONE WAY
HAM14222	TRIDALE CT	MEADOWBRIGHT LN	MEADOWBRIGHT LN	24	687.92	AC	403	86	GOOD	Y	
HAM38249	TRIDALE CT	MEADOWBRIGHT LN	TERM E OF MEADOWBRIGHT LN	25	242.59	AC	650	84	SATISFACTORY	Y	
HAM36110	TRIDALE CT	TERM NW OF MEADOWBRIGHT LN	MEADOWBRIGHT LN	26	144.62	AC	650	88	GOOD	Y	
HAM39069	TRIESTA CT	RAINBOW LN	TERM E OF RAINBOW LN	25	372.01	AC	642	59	FAIR	Y	
HAM26384	TRIMBLE AV	BREWSTER AV	CLARION AV	30	344.22	AC	322	54	POOR	Y	
HAM12310	TRIMBLE AV	CLARION AV	RUTLAND AV	31	331.63	AC	410	45	POOR	Y	
HAM26371	TRIMBLE AV	CRANE AV	DUCK CREEK RD	31	382.01	AC	504	79	SATISFACTORY	Y	
HAM26377	TRIMBLE AV	DUCK CREEK RD	BREWSTER AV	46	735.68	AC	294	81	SATISFACTORY	Y	
HAM26370	TRIMBLE AV	HEWITT AV	CRANE AV	31	1236.13	AC	424	64	FAIR	Y	
HAM32054	TRIMBLE AV	RUTLAND AV	DANA AV	31	280.32	AC	650	45	POOR	Y	
HAM27666	TROUT AL	TERM S OF NEW ST	NEW ST	8	203.48		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM12850	TROY AV	CORTELYOU AV	RIDGE AV	20	919.48	AC	650	59	FAIR	Y	
HAM12472	TRUITT AV	TERM W OF RHODE ISLAND AV	RHODE ISLAND AV	23	379.99	AC	545	52	POOR	Y	
HAM55644	TRUMAN AL	CLARK ST	HOPKINS ST	14	250.15		-1	-1		N	ALLEY / BOOTS ON THE GROUND

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM07425	TUDOR AL	LAKEMAN ST	WITLER ST	11	243.34		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM12013	TULANE RD	BRIARCLIFFE AV	LANGDON FARM RD	25	352.28	AC	650	81	SATISFACTORY	Y	
HAM12246	TULANE RD	MONTGOMERY RD	BRIARCLIFFE AV	24	965.75	AC	567	66	FAIR	Y	NO ENTRY AT BRIARCLIFFE
HAM03525	TULSA CT	GLENWAY AV	TERM W OF GLENWAY AV	6	306.28		-1	-1		N	PEDESTRIAN PATHWAY
HAM11793	TULSA CT	TERM E OF ANDERSON FERRY RD	ANDERSON FERRY RD	24	437.38	AC	650	34	VERY POOR	Y	
HAM36752	TURPIN ST	TERM SW OF PENNSYLVANIA AV	PENNSYLVANIA AV	10	379.79		-1	-1		N	BLOCKED BY GATE
HAM07472	TURRILL ST	BLUE ROCK ST	KNOWLTON ST	25	534.14	AC	638	41	POOR	Y	
HAM07475	TURRILL ST	BLUM AL	PULLAN AV	23	595.32	AC	564	41	POOR	Y	
HAM07470	TURRILL ST	CHASE AV	BLUM AL	23	149.94	AC	586	54	POOR	Y	
HAM07435	TURRILL ST	COOPER ST	HOFFNER ST	24	299.05	PCC	650	75	SATISFACTORY	Y	
HAM07471	TURRILL ST	KNOWLTON ST	CHASE AV	24	581.72	AC	650	40	VERY POOR	Y	
HAM07473	TURRILL ST	MARBLE AL	BLUE ROCK ST	22	167.90	AC	493	92	GOOD	Y	
HAM29463	TURRILL ST	POWERS ST	COOPER ST	25	298.61	PCC	650	66	FAIR	Y	
HAM38612	TURRILL ST	TERM S OF MARBLE AL	MARBLE AL	18	146.60	AC	578	95	GOOD	Y	
HAM09113	TUSCULUM AV	ALMS PARK DR	ELSINBORO RD	28	905.81	AC	127	95	GOOD	Y	
HAM40587	TUSCULUM AV	ALMSGATE LN	ALMS PARK DR	26	653.63	AC	114	94	GOOD	Y	
HAM09108	TUSCULUM AV	CATAWBA VALLEY RD	TUSCANY PL	24	1305.23	AC	230	55	POOR	Y	
HAM09144	TUSCULUM AV	COLUMBIA PKWY	WOODBRIDGE PL	26	292.82	AC	650	52	POOR	Y	
HAM09110	TUSCULUM AV	DELAWARE RIDGE LN	VINEYARD PL	27	217.69	AC	421	88	GOOD	Y	
HAM06086	TUSCULUM AV	EASTERN AV	MORRIS PL	24	307.54	AC	650	73	SATISFACTORY	Y	
HAM09111	TUSCULUM AV	ELSINBORO RD	DELAWARE RIDGE LN	28	215.28	AC	115	92	GOOD	Y	
HAM09091	TUSCULUM AV	MORRIS PL	COLUMBIA PKWY	24	310.66	AC	644	76	SATISFACTORY	Y	
HAM40586	TUSCULUM AV	SACHEM AV	ALMSGATE LN	27	1153.54	AC	620	43	POOR	Y	
HAM09109	TUSCULUM AV	VINEYARD PL	CATAWBA VALLEY RD	25	924.35	AC	650	51	POOR	Y	
HAM09145	TUSCULUM AV	WOODBRIDGE PL	SACHEM AV	28	180.77	AC	364	50	POOR	Y	
HAM38204	TUSKEGEE LN	OXLEY ST	TERM N OF OXLEY ST	9	375.08	AC	650	19	SERIOUS	Y	UNCOLLECTED PORTION BLOCKED BY OVERGROWTH
HAM17787	TUSKEGEE LN	SHEEHAN AV	OXLEY ST	9	522.50	AC	650	40	VERY POOR	Y	
HAM38438	TUXEDO PL	MAY ST	TERM E OF MAY ST	29	283.42	AC	650	77	SATISFACTORY	Y	
HAM02151	TUXWORTH AV	ADMIRAL CT	HILLFRED LN	24	774.15	AC	307	81	SATISFACTORY	Y	
HAM01779	TUXWORTH AV	CLEVESDALE DR	ADMIRAL CT	25	757.74	AC	320	74	SATISFACTORY	Y	
HAM01791	TUXWORTH AV	GUERLEY RD	CLEVESDALE DR	24	837.78	AC	459	55	POOR	Y	
HAM37697	TUXWORTH AV	HILLFRED LN	TERM SE OF HILLFRED LN	27	528.89	AC	650	85	SATISFACTORY	Y	
HAM00236	TWAIN AV	GRACELY DR	HOVAN AL	31	157.55	AC	650	37	VERY POOR	Y	
HAM00334	TWAIN AV	HOME CITY AV	HILLSIDE AV	40	882.18	AC	341	58	FAIR	Y	
HAM00235	TWAIN AV	HOVAN AL	PARKLAND AV	29	159.29	AC	531	43	POOR	Y	
HAM00237	TWAIN AV	MONIHOE AL	GRACELY DR	30	156.63	AC	650	46	POOR	Y	
HAM00234	TWAIN AV	PARKLAND AV	REVERE AV	37	291.99	AC	542	53	POOR	Y	
HAM00233	TWAIN AV	REVERE AV	HOME CITY AV	40	496.21	AC	260	53	POOR	Y	
HAM37140	TWAIN AV	TERM SW OF MONIHOE AL	MONIHOE AL	27	117.73	AC	650	37	VERY POOR	Y	
HAM09437	TWEED AV	GLENSHIRE AV	MANNINGTON AV	21	402.75	AC	249	53	POOR	Y	
HAM34310	TWEED AV	KROGER AV	GLENSHIRE AV	21	440.72	AC	462	43	POOR	Y	
HAM09190	TWEED AV	MANNINGTON AV	WAKEFIELD DR	21	345.01	AC	274	39	VERY POOR	Y	
HAM09412	TWEED AV	MANNINGTON AV	MANNINGTON AV	21	147.91	AC	650	47	POOR	Y	
HAM09238	TWEED AV	WAKEFIELD DR	LINWOOD AV	26	550.20	AC	575	70	FAIR	Y	
HAM36688	TWO MILE RD	TERM NW OF SUTTON AV	SUTTON RD	27	1480.81	AC	650	81	SATISFACTORY	Y	UNCOLLECTED PORTION BLOCKED BY GATE
HAM03145	TYLER ST	PATTISON AV	HILLSIDE AV	17	339.95	AC	650	34	VERY POOR	Y	
HAM02601	TYLER ST	RIVER RD	PATTISON AV	15	79.19	AC	650	31	VERY POOR	Y	
HAM36482	TYNDALL AV	TERM SE OF WOCHER AV	WOCHER AV	17	428.09	AC	650	67	FAIR	Y	
HAM11537	TYNE AV	MARY ANNE LN	MONTGOMERY RD	24	396.88	AC	576	55	POOR	Y	
HAM11548	TYNE AV	RAVENWOOD AV	ZINSLE AV	20	747.35	AC	263	70	FAIR	Y	
HAM33925	TYNE AV	ZINSLE AV	MARY ANNE LN	25	305.35	AC	313	80	SATISFACTORY	Y	
HAM02026	UNDERWOOD PL	STODDARD PL	RING PL	16	345.65	AC	650	60	FAIR	Y	
HAM02058	UNDERWOOD PL	WARSAW AV	STODDARD PL	25	414.83	AC	650	57	FAIR	Y	
HAM24174	UNION ST	READING RD	SAVOY PL	23	304.20	AC	650	37	VERY POOR	Y	
HAM24186	UNION ST	SAVOY PL	BORRMAN AV	24	247.15	AC	366	58	FAIR	Y	
HAM34850	UNIVERSITY CT	FAIRVIEW AV	STRAIGHT ST	40	310.87	AC	594	52	POOR	Y	
HAM39248	UNIVERSITY CT	FORTUNE AV	TERM N OF FORTUNE AV	30	370.92	AC	465	65	FAIR	Y	
HAM21365	UNIVERSITY CT	STRAIGHT ST	FORTUNE AV	31	173.25	AC	650	25	SERIOUS	Y	
HAM25626	UNNAMED AL	ADDISON ST	HALSTEAD ST	3	147.00		-1	-1		N	BOOTS ON THE GROUND / PEDESTRIAN PATHWAY
HAM29768	UNNAMED AL	ANTHONY WAYNE AV	TERM SE OF ANTHONY WAYNE AV	14	281.75	AC	650	42	POOR	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM36770	UNNAMED AL	ANTHONY WAYNE AV	TERM SE OF ANTHONY WAYNE AV	15	170.65		-1	-1		N	UNPAVED ROAD
HAM37074	UNNAMED AL	BOAKE AL	TERM NW OF BOAKE AL	10	134.63	AC	650	22	SERIOUS	Y	
HAM22065	UNNAMED AL	CHANDLER ST	CORNISH ST	11	542.39	AC	650	19	SERIOUS	Y	
HAM13089	UNNAMED AL	CHAPMAN ST	GLENSHADE AV	11	595.75	AC	650	89	GOOD	Y	
HAM13090	UNNAMED AL	CHAPMAN ST	GLENSHADE AV	9	596.61	AC	650	38	VERY POOR	Y	ONE WAY
HAM13247	UNNAMED AL	DESMOND ST	CHANDLER ST	11	358.01		-1	-1		N	DOES NOT EXIST
HAM02069	UNNAMED AL	ELBERON AV	PURCELL AV	4	279.14		-1	-1		N	BOOTS ON THE GROUND / STAIRCASE
HAM38240	UNNAMED AL	GLENSHADE AV	TERM E OF GLENSHADE AV	9	334.82	AC	650	87	GOOD	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM38244	UNNAMED AL	GLENSHADE AV	TERM E OF GLENSHADE AV	11	365.25		-1	-1		N	DOES NOT EXIST
HAM38221	UNNAMED AL	JAMESON ST	TERM E OF JAMESON ST	11	142.88		-1	-1		N	UNPAVED ROAD
HAM00532	UNNAMED AL	MATHIS ST	CHAPMAN ST	9	253.01	AC	650	52	POOR	Y	
HAM13120	UNNAMED AL	ROANOKE ST	JAMESON ST	12	274.17	AC	650	27	VERY POOR	Y	
HAM06587	UNNAMED AL	ROE ST	CLEPHANE AV	11	320.63	AC	650	85	SATISFACTORY	Y	
HAM39521	UNNAMED AL	TERM N OF MOTOR LN	MOTOR LN	11	139.95		-1	-1		N	UNPAVED ROAD
HAM38853	UNNAMED AL	TERM S OF WILLIS AV	WILLIS AV	11	163.24	AC	650	66	FAIR	Y	
HAM35766	UNNAMED AL	TERM W OF OBRYON ST	OBRYON ST	11	68.88	AC	650	64	FAIR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM38207	UNNAMED AL	TERM W OF WARD ST	WARD ST	11	140.97		-1	-1		N	UNPAVED ROAD
HAM07635	UNNAMED AL	VAN KIRK AV	BOAKE AL	14	335.26	AC	650	92	GOOD	Y	
HAM08486	UNNAMED AL	VINE ST	VAN LEAR ST	4	207.63		-1	-1		N	BOOTS ON THE GROUND / STAIRCASE
HAM00531	UNNAMED AL	WARD ST	MATHIS ST	10	331.32	AC	650	43	POOR	Y	
HAM06547	UNNAMED AL	WARD ST	MATHIS ST	11	344.82		-1	-1		N	UNPAVED ROAD
HAM06616	UNNAMED AL	WARD ST	MATHIS ST	11	343.29	AC	650	30	VERY POOR	Y	
HAM13088	UNNAMED AL	WARD ST	CHAPMAN ST	11	585.27	AC	650	74	SATISFACTORY	Y	
HAM38236	UNNAMED AL	WARD ST	MATHIS ST	11	328.87	AC	650	36	VERY POOR	Y	
HAM28154	UNNAMED AL	WEBER PL	KING PL	11	251.70	AC	650	18	SERIOUS	Y	
HAM01795	UNNAMED R/W	ASHBROOK DR	N OVERLOOK AV	3	314.68		-1	-1		N	BOOTS ON THE GROUND / PEDESTRIAN PATHWAY
HAM37324	UNNAMED R/W	TERM W OF KILBOURNE AV	KILBOURNE AV	3	350.65		-1	-1		N	DOES NOT EXIST
HAM65437	UPLAND PL	ASHLAND AV	CYPRESS ST	36	540.72	AC	650	53	POOR	Y	
HAM05633	UPLAND PL	CYPRESS ST	FLEMING ST	35	635.48	AC	444	28	VERY POOR	Y	
HAM05570	UPLAND PL	FLEMING ST	E MCMILLAN ST	35	454.10	AC	547	23	SERIOUS	Y	
HAM38829	URBANCREST PL	TERM SW OF SALISBURY DR	LINWOOD AV	19	547.77	AC	650	86	GOOD	Y	
HAM09353	URIGHT PL	AULT VIEW AV	CUSTER AV	16	399.24	AC	586	39	VERY POOR	Y	
HAM15461	URWILER AV	BOUDINOT AV	CRAIG AV	31	477.40	AC	650	44	POOR	Y	
HAM15529	URWILER AV	CRAIG AV	CHEVIOT AV	30	460.88	AC	590	65	FAIR	Y	
HAM15670	URWILER AV	EPWORTH AV	STATHEM AV	30	533.98	AC	650	38	VERY POOR	Y	
HAM15366	URWILER AV	HAZELWOOD AV	EPWORTH AV	30	857.08	AC	350	65	FAIR	Y	
HAM15357	URWILER AV	MCFARLAN RD	HAZELWOOD AV	25	783.64	AC	327	43	POOR	Y	
HAM15454	URWILER AV	STATHEM AV	BOUDINOT AV	30	358.94	AC	650	50	POOR	Y	
HAM39193	UTOPIA PL	TERM W OF GRACE AV	GRACE AV	24	521.78	AC	650	93	GOOD	Y	
HAM32201	VALENCIA ST	RICE ST	VALROY PL	26	530.69	AC	650	76	SATISFACTORY	Y	
HAM22746	VALLEY FORD ST	ELDORADO AV	TERM S OF ELDORADO AV	24	157.21	AC	650	35	VERY POOR	Y	
HAM12108	VALLEY LN	DAKOTA AV	WINDING WY	33	784.59	AC	394	39	VERY POOR	Y	
HAM55225	VALLEY ST	STRAIGHT ST	TERM N OF STRAIGHT ST	35	326.03	AC	650	47	POOR	Y	
HAM07194	VALLEYVIEW AV	CONGREVE AV	DICKENS AV	21	546.21	AC	167	74	SATISFACTORY	Y	
HAM07159	VALLEYVIEW AV	DAVENANT AV	CONGREVE AV	24	449.97	AC	341	87	GOOD	Y	
HAM07193	VALLEYVIEW AV	DICKENS AV	AIKENSIDE AV	22	302.86	AC	650	93	GOOD	Y	
HAM39243	VALLEYVIEW CT	CLEMMER AV	TERM N OF CLEMMER AV	29	257.47	AC	561	44	POOR	Y	
HAM20172	VALROY PL	VALENCIA ST	LEROY CT	30	116.13		-1	-1		N	BLOCKED BY BARRICADE
HAM38362	VAN ANTWERP CT	ESTES PL	TERM E OF ESTES PL	19	79.28	AC	650	42	POOR	Y	
HAM05732	VAN ANTWERP CT	VAN ANTWERP PL	ESTES PL	19	206.17	AC	650	41	POOR	Y	
HAM05886	VAN ANTWERP PL	FOREST AV	VAN ANTWERP CT	30	518.00	AC	650	27	VERY POOR	Y	
HAM05888	VAN ANTWERP PL	VAN ANTWERP CT	GLENWOOD AV	29	451.38	AC	650	34	VERY POOR	Y	
HAM50943	VAN BUREN AV	BORRMAN AV	WHITTIER ST	25	664.48	AC	479	24	SERIOUS	Y	
HAM09189	VAN DYKE AV	MANNINGTON AV	NASH AV	16	152.84	AC	650	77	SATISFACTORY	Y	
HAM09213	VAN DYKE AV	MOWBRAY LN	LINWOOD AV	29	314.40	AC	650	92	GOOD	Y	
HAM09191	VAN DYKE AV	NASH AV	MOWBRAY LN	29	411.41	AC	232	93	GOOD	Y	
HAM02199	VAN HART ST	ESMONDE ST	FORBUS ST	17	65.70	AC	650	29	VERY POOR	Y	
HAM02198	VAN HART ST	FORBUS ST	WESTWOOD AV	4	208.92		-1	-1		N	BOOTS ON THE GROUND / STAIRCASE
HAM02195	VAN HART ST	WESTWOOD AV	QUEEN CITY AV	23	209.91	AC	650	93	GOOD	Y	
HAM07623	VAN KIRK AV	BLUE ROCK AL	W 70TH ST	30	174.86	AC	382	68	FAIR	Y	
HAM07618	VAN KIRK AV	FLINT AL	W SEYMOUR AV	31	171.57	AC	650	69	FAIR	Y	
HAM07612	VAN KIRK AV	REDEAGLE WY	W 68TH ST	23	521.95	AC	322	90	GOOD	Y	
HAM07608	VAN KIRK AV	UNNAMED AL	W 69TH ST	31	173.73	AC	650	83	SATISFACTORY	Y	
HAM31948	VAN KIRK AV	W 66TH ST	REDEAGLE WY	27	371.48	AC	489	93	GOOD	Y	
HAM07627	VAN KIRK AV	W 68TH ST	UNNAMED AL	31	175.53	AC	299	87	GOOD	Y	
HAM07625	VAN KIRK AV	W 69TH ST	BLUE ROCK AL	30	172.91	AC	650	73	SATISFACTORY	Y	
HAM07621	VAN KIRK AV	W 70TH ST	FLINT AL	29	440.87	AC	650	82	SATISFACTORY	Y	
HAM07604	VAN KIRK AV	W 72ND ST	W 73RD ST	30	285.52	AC	435	55	POOR	Y	
HAM07616	VAN KIRK AV	W 73RD ST	W NORTH BEND RD	30	297.47	AC	650	47	POOR	Y	
HAM07606	VAN KIRK AV	W SEYMOUR AV	W 72ND ST	30	341.19	AC	650	46	POOR	Y	
HAM08485	VAN LEAR ST	OHIO AV	UNNAMED AL	16	42.33	AC	650	93	GOOD	Y	
HAM38467	VAN LEAR ST	UNNAMED AL	TERM NE OF UNNAMED AL	12	209.66	AC	650	70	FAIR	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM01813	VAN LEUNEN DR	W NORTH BEND RD	LITTLE FLOWER AV	24	1131.39	AC	576	39	VERY POOR	Y	
HAM27766	VAN METER ST	MONASTERY ST	WAREHAM DR	32	755.28	AC	339	78	SATISFACTORY	Y	
HAM27875	VAN METER ST	WAREHAM DR	ELSINORE AV	30	2000.31	AC	523	60	FAIR	Y	
HAM07987	VAN ST	E CHARLTON ST	E DANIELS ST	14	462.05	AC	482	32	VERY POOR	Y	ONE WAY
HAM34690	VAN ST	E DANIELS ST	E UNIVERSITY AV	13	459.71	AC	584	28	VERY POOR	Y	ONE WAY
HAM02363	VAN VEY ST	MCPHERSON AV	VOSS ST	30	267.68	AC	650	33	VERY POOR	Y	
HAM33801	VAN VEY ST	TERM E OF ENRIGHT AV	ENRIGHT AV	17	173.43	AC	650	44	POOR	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM06115	VAN VOLKENBURGH LN	BROUGHTON ST	STANLEY AV	9	348.55	AC	650	45	POOR	Y	
HAM05600	VANCE ST	PIPE AL	RIVERSIDE DR	12	158.25	AC	650	30	VERY POOR	Y	
HAM05584	VANCE ST	RIVERSIDE DR	TERM NW OF RIVERSIDE DR	24	118.57	AC	650	89	GOOD	Y	
HAM07434	VANDALIA AV	APPLE ST	HOFFNER ST	22	577.57	AC	536	95	GOOD	Y	
HAM07321	VANDALIA AV	CLUXTON AL	GULOW ST	20	130.50	AC	223	95	GOOD	Y	ONE WAY
HAM07322	VANDALIA AV	GULOW ST	APPLE ST	21	217.43	AC	500	91	GOOD	Y	
HAM07320	VANDALIA AV	HAMILTON AV	CLUXTON AL	18	185.81	AC	389	93	GOOD	Y	ONE WAY
HAM57046	VANDERCAR WY	DISNEY ST	FACTORY COLONY LN	30	818.13	AC	480	81	SATISFACTORY	Y	
HAM59952	VANDERCAR WY	FACTORY COLONY LN	OAKLEY MILL LN	30	595.41	AC	542	71	SATISFACTORY	Y	
HAM33550	VANDERCAR WY	MARBURG AV	MADISON RD	32	720.17	AC	515	74	SATISFACTORY	Y	
HAM59953	VANDERCAR WY	OAKLEY MILL LN	MARBURG AV	30	612.62	AC	560	81	SATISFACTORY	Y	
HAM09236	VANDYKE DR	GRISCHY LN	LOOKOUT CIR	21	478.40	AC	443	48	POOR	Y	
HAM09212	VANDYKE DR	VAN DYKE AV	GRISCHY LN	21	275.47	AC	650	28	VERY POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM35387	VASSAR CT	TERM SE OF VIVIAN PL	VIVIAN PL	26	185.21	AC	511	62	FAIR	Y	
HAM38483	VAUGHN ST	E DANIELS ST	TERM N OF E DANIELS ST	20	105.67	AC	650	90	GOOD	Y	
HAM08016	VAUGHN ST	E UNIVERSITY AV	E ROCHELLE ST	25	458.77	AC	650	95	GOOD	Y	
HAM03259	VEAZEY AV	BOUDINOT AV	NOVA AV	21	608.95	AC	650	71	SATISFACTORY	Y	
HAM03037	VEAZEY AV	DUNAWAY CT	FERGUSON RD	21	1139.78	AC	462	35	VERY POOR	Y	
HAM03035	VEAZEY AV	FERGUSON RD	BOUDINOT AV	21	1313.28	AC	629	76	SATISFACTORY	Y	
HAM06534	VENDOME PL	HIDDEN ST	TOMPKINS AV	22	248.62	AC	650	26	VERY POOR	Y	
HAM12970	VENETIAN TER	SUNRIDGE DR	WALDWAY LN	25	281.97	AC	337	95	GOOD	Y	
HAM37997	VENETIAN TER	TERM SE OF VIRESCENT CT	VIRESCENT CT	24	270.31	AC	650	57	FAIR	Y	
HAM33798	VENETIAN TER	VERDANT DR	SUNRIDGE DR	25	1156.45	AC	543	78	SATISFACTORY	Y	
HAM33797	VENETIAN TER	VIRESCENT CT	VERDANT DR	26	619.73	AC	470	69	FAIR	Y	
HAM12967	VENETIAN TER	WALDWAY LN	TAHITI DR	25	274.88	AC	285	95	GOOD	Y	
HAM15839	VERDIN AV	EPWORTH AV	BOUDINOT AV	24	1015.46	AC	482	38	VERY POOR	Y	
HAM00209	VERE AL	GRACELY DR	HOVAN AL	9	152.33	AC	650	79	SATISFACTORY	Y	
HAM00207	VERE AL	HOVAN AL	PARKLAND AV	10	165.06	AC	650	50	POOR	Y	
HAM21340	VERNE AV	DEE AL	ROBERTSON AV	24	411.43	AC	627	62	FAIR	Y	
HAM21333	VERNE AV	MINOT AV	DEE AL	24	410.36	AC	547	41	POOR	Y	
HAM26467	VERNE AV	ROBERTSON AV	ENYART AV	24	578.18	AC	497	40	VERY POOR	Y	
HAM08026	VERNON PL	E UNIVERSITY AV	MAXWELL AV	40	218.81	AC	211	83	SATISFACTORY	Y	
HAM34671	VERNON PL	LINTON ST	E UNIVERSITY AV	35	343.11	AC	639	84	SATISFACTORY	Y	
HAM08025	VERNON PL	MAXWELL AV	VERNON PL	40	224.34	AC	163	82	SATISFACTORY	Y	
HAM26201	VERNON PL	OAK ST	LINTON ST	33	457.52	AC	650	55	POOR	Y	
HAM05941	VERNON PL	VERNON PL	E MARTIN LUTHER KING JR DR	41	397.00	AC	361	80	SATISFACTORY	Y	
HAM39138	VERNON PL	VERNON PL	TERM NE OF VERNON PL SPLIT	37	281.66	AC	650	81	SATISFACTORY	Y	
HAM13145	VERONA AV	GLENSHADE AV	WINONA TER	17	329.41	AC	596	25	SERIOUS	Y	
HAM13138	VERONA AV	WINONA TER	CASTLE PL	18	328.96	AC	540	28	VERY POOR	Y	
HAM12194	VERULAM AV	MAPLELEAF AV	AUTEN AV	15	335.63	AC	650	85	SATISFACTORY	Y	
HAM12198	VERULAM AV	TERM S OF MAPLELEAF AV	MAPLELEAF AV	24	408.76	AC	650	87	GOOD	Y	
HAM21363	VESTRY AV	FAIRVIEW AV	STRAIGHT ST	24	431.40	AC	650	39	VERY POOR	Y	
HAM19891	VICTOR ST	EMMING ST	WARNER ST	30	732.96	AC	650	72	SATISFACTORY	Y	
HAM21371	VICTOR ST	WARNER ST	W MCMILLAN ST	29	1135.45	AC	566	54	POOR	Y	
HAM09286	VICTORIA AV	BAYARD DR	VICTORIA LN	25	1181.11	AC	357	39	VERY POOR	Y	
HAM17451	VICTORIA AV	MONTEITH AV	OUTLOOK AV	29	351.37	AC	496	74	SATISFACTORY	Y	
HAM17457	VICTORIA AV	MONTEITH AV	MONTEITH AV	30	201.43	AC	363	54	POOR	Y	
HAM12731	VICTORIA AV	OUTLOOK AV	PAXTON AV	30	343.94	AC	650	61	FAIR	Y	
HAM12724	VICTORIA AV	RAYMAR BLVD	BAYARD DR	25	611.88	AC	346	55	POOR	Y	
HAM17454	VICTORIA AV	SHAW AV	VICTORIA PL	25	399.05	AC	650	43	POOR	Y	
HAM12723	VICTORIA AV	VICTORIA AV	VICTORIA AV	26	429.99	AC	315	34	VERY POOR	Y	
HAM12725	VICTORIA AV	VICTORIA AV	VICTORIA AV	25	326.72	AC	650	56	FAIR	Y	
HAM09287	VICTORIA AV	VICTORIA LN	ERIE AV	30	223.21	AC	650	76	SATISFACTORY	Y	
HAM17458	VICTORIA AV	VICTORIA PL	MONTEITH AV	27	500.82	AC	430	61	FAIR	Y	
HAM12741	VICTORIA LN	VICTORIA AV	PORTSMOUTH AV	20	500.98	AC	650	49	POOR	Y	
HAM37350	VICTORIA PL	TERM S OF VICTORIA AV	VICTORIA AV	20	440.88	AC	650	72	SATISFACTORY	Y	
HAM21576	VICTORY PKWY	ALMS PL	ASHLAND AV	54	253.12	AC	190	54	POOR	Y	
HAM21514	VICTORY PKWY	ASHLAND AV	MADISON RD	61	692.82	AC	385	48	POOR	Y	
HAM12541	VICTORY PKWY	ASMANN AV	SHERMAN AV	37	1654.12	AC	250	55	POOR	Y	
HAM05648	VICTORY PKWY	CALVIN CLIFF ST	FRANCIS LN	52	372.62	AC	189	65	FAIR	Y	
HAM05650	VICTORY PKWY	CYPRESS ST	E MCMILLAN ST	50	1085.54	AC	240	49	POOR	Y	
HAM26302	VICTORY PKWY	DANA AV	LEDGEWOOD DR	36	2516.43	AC	255	58	FAIR	Y	
HAM61584	VICTORY PKWY	DANA AV CONN	DANA AV	50	562.07	AC	591	36	VERY POOR	Y	
HAM26346	VICTORY PKWY	DURRELL AV	GILBERT AV	36	1715.59	AC	232	40	VERY POOR	Y	
HAM05984	VICTORY PKWY	E MCMILLAN ST	WILLIAM H TAFT RD	54	565.08	AC	378	55	POOR	Y	
HAM05651	VICTORY PKWY	FRANCIS LN	CYPRESS ST	50	424.78	AC	291	36	VERY POOR	Y	
HAM62259	VICTORY PKWY	GILBERT AV TO VICTORY PKWY RAMP	JONATHAN AV	35	797.38	AC	446	43	POOR	Y	
HAM21546	VICTORY PKWY	GILPIN AV	DURRELL AV	41	345.70	AC	197	56	FAIR	Y	
HAM26360	VICTORY PKWY	JONATHAN AV	ROCKDALE AV	50	1283.63	AC	238	46	POOR	Y	
HAM62264	VICTORY PKWY	JONATHAN AV	ROCKDALE AV	34	1320.47	AC	151	47	POOR	Y	
HAM12860	VICTORY PKWY	LEDGEWOOD DR	ASMANN AV	40	1796.94	AC	208	52	POOR	Y	
HAM61585	VICTORY PKWY	LEXINGTON AV	TERM NE OF	50	342.71	AC	418	25	SERIOUS	Y	
HAM21545	VICTORY PKWY	LINCOLN AV	GILPIN AV	40	449.10	AC	139	54	POOR	Y	
HAM21530	VICTORY PKWY	MADISON RD	LINCOLN AV	55	541.11	AC	311	72	SATISFACTORY	Y	
HAM05649	VICTORY PKWY	PARK AV	CALVIN CLIFF ST	50	294.23	AC	255	40	VERY POOR	Y	
HAM26354	VICTORY PKWY	ROCKDALE AV	LEXINGTON AV	62	1125.51	AC	199	40	VERY POOR	Y	
HAM62257	VICTORY PKWY	VICTORY PKWY TO GILBERT AV RAMP	JONATHAN AV	35	718.06	AC	177	50	POOR	Y	
HAM05794	VICTORY PKWY	WILLIAM H TAFT RD	ALMS PL	52	390.03	AC	465	63	FAIR	Y	
HAM37803	VIKI TRL	LEDA CT	TERM W OF LEDA CT	24	281.27	AC	650	49	POOR	Y	
HAM02782	VIKI TRL	MCKINLEY AV	LEDA CT	23	218.52	AC	650	63	FAIR	Y	
HAM37371	VILLA LN	KENDALL AV	TERM NE OF KENDALL AV	15	333.16	AC	650	31	VERY POOR	Y	
HAM02212	VINCENT AV	ACADEMY AV	REGINA AV	36	316.73	AC	650	30	VERY POOR	Y	
HAM02213	VINCENT AV	BEECH AV	ACADEMY AV	35	317.63	AC	650	20	SERIOUS	Y	
HAM02214	VINCENT AV	SETON AV	BEECH AV	34	301.41	AC	650	49	POOR	Y	
HAM29779	VINE ST	ANTHONY WAYNE AV	W 75TH ST	39	242.68	AC	650	90	GOOD	Y	
HAM62732	VINE ST	BARDES AL	VINE ST TO E MCMICKEN AV RAMP	38	157.90	AC	650	73	SATISFACTORY	Y	
HAM16773	VINE ST	BELDARE AV	MARMET AV	43	172.64	AC	245	80	SATISFACTORY	Y	
HAM08557	VINE ST	BENTON ST	E ELDER ST	40	181.46	AC	223	56	FAIR	Y	
HAM29811	VINE ST	BYRNES LAKE CT	DE CAMP AV	41	1821.07	AC	122	94	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM62912	VINE ST	CINC|ELMWPL CORPLINE	E 66TH ST	40	152.39	AC	255	47	POOR	Y	
HAM18239	VINE ST	CINC|STBRND CORPLINE	ORCHARD ST	46	201.60	AC	650	71	SATISFACTORY	Y	
HAM18210	VINE ST	CLINTON SPRINGS AV	PARKWOOD PL	40	314.18	AC	341	44	POOR	Y	
HAM26618	VINE ST	DE CAMP AV	STABURN AV	38	321.88	PCC	650	75	SATISFACTORY	Y	
HAM21706	VINE ST	E 14TH ST	W 15TH ST	42	300.47	AC	494	95	GOOD	Y	
HAM28049	VINE ST	E 3RD ST	W OGDEN PL	40	266.35	AC	464	48	POOR	Y	ONE WAY
HAM27619	VINE ST	E 4TH ST	HONING AL	40	152.05	AC	427	54	POOR	Y	ONE WAY
HAM65517	VINE ST	E 5TH ST	FOUNTAIN SQUARE PLAZA	48	230.70	AC	341	76	SATISFACTORY	Y	ONE WAY
HAM11648	VINE ST	E 67TH ST	W 68TH ST	42	198.71	AC	211	46	POOR	Y	
HAM17727	VINE ST	E 69TH ST	W 70TH ST	40	352.48	AC	250	45	POOR	Y	
HAM08565	VINE ST	E CLIFTON AV	PEETE AL	46	207.64	AC	650	69	FAIR	Y	
HAM08567	VINE ST	E ELDER ST	BARDES AL	43	113.77	AC	590	47	POOR	Y	
HAM62231	VINE ST	E MARTIN LUTHER KING JR DR	NIXON ST	70	870.54	AC	650	76	SATISFACTORY	Y	
HAM08566	VINE ST	E MCMICKEN AV	HUST AL	49	276.34	AC	320	56	FAIR	Y	
HAM16763	VINE ST	E SHIELDS ST	LOUIS AV	35	327.47	AC	247	87	GOOD	Y	
HAM18258	VINE ST	EHRMAN AV	GLEN ESTE PL	40	1481.58	AC	239	41	POOR	Y	
HAM25861	VINE ST	ELKINS AL	W CENTRAL PKWY	40	161.14	AC	448	82	SATISFACTORY	Y	ONE WAY
HAM34666	VINE ST	ERKENBRECHER AV	BELDARE AV	40	1250.75	AC	217	60	FAIR	Y	
HAM29763	VINE ST	FAIRPARK AV	BYRNES LAKE CT	41	272.35	AC	154	91	GOOD	Y	
HAM19244	VINE ST	FERNDALE AV	WOODSDALE AV	40	333.13	AC	319	93	GOOD	Y	
HAM18188	VINE ST	FERRARS CT	PARCHMAN PL	39	142.84	AC	301	48	POOR	Y	
HAM08560	VINE ST	FOLTZ AL	RUSS AL	41	76.30	AC	122	73	SATISFACTORY	Y	
HAM65518	VINE ST	FOUNTAIN SQUARE PLAZA	THORP AL	48	107.68	AC	176	67	FAIR	Y	ONE WAY
HAM08955	VINE ST	GANO ST	W 7TH ST	41	230.85	AC	282	70	FAIR	Y	ONE WAY
HAM25742	VINE ST	GARFIELD PL	W 9TH ST	34	338.08	AC	650	70	FAIR	Y	ONE WAY
HAM08558	VINE ST	GLANKER ST	SPECHT AL	40	93.01	AC	329	55	POOR	Y	
HAM18251	VINE ST	GLEN ESTE PL	GLENWOOD AV	40	279.22	AC	357	48	POOR	Y	
HAM19371	VINE ST	GLENDALE ST	W GALBRAITH RD	50	353.69	AC	582	94	GOOD	Y	
HAM16774	VINE ST	GLENMARY AV	TOWER ST	41	388.69	AC	314	78	SATISFACTORY	Y	
HAM18244	VINE ST	GLENWOOD AV	FERRARS CT	39	164.07	AC	237	62	FAIR	Y	
HAM07690	VINE ST	GRANITE AL	W 73RD ST	45	192.00	AC	206	42	POOR	Y	
HAM57652	VINE ST	GREENDALE AV	JUERGENS AV	30	249.12	AC	197	60	FAIR	Y	
HAM26616	VINE ST	HARTWELL CT	PARKWAY AV	48	223.97	AC	315	95	GOOD	Y	
HAM19246	VINE ST	HEREFORD ST	MARY ST	39	218.71	AC	186	91	GOOD	Y	
HAM19213	VINE ST	HILLSDALE AV	SPRINGFIELD PIKE	39	131.25	AC	249	93	GOOD	Y	
HAM34639	VINE ST	HONING AL	E 5TH ST	42	309.78	AC	650	63	FAIR	Y	ONE WAY
HAM08561	VINE ST	HUBERT ST	FOLTZ AL	41	155.72	AC	118	55	POOR	Y	
HAM08569	VINE ST	HUST AL	E CLIFTON AV	50	313.85	AC	294	69	FAIR	Y	
HAM06028	VINE ST	INTERVINE PL	FOREST AV	50	334.10	AC	239	72	SATISFACTORY	Y	
HAM06025	VINE ST	JUERGENS AV	EHRMAN AV	41	389.55	AC	211	47	POOR	Y	
HAM18228	VINE ST	KESSLER AV	CINC|STBRND CORPLINE	44	161.35	AC	214	66	FAIR	Y	
HAM08564	VINE ST	KIRK AL	MULBERRY ST	43	135.74	AC	406	77	SATISFACTORY	Y	
HAM26613	VINE ST	LAUREL AV	RIDGEWAY RD	40	359.43	AC	111	95	GOOD	Y	
HAM16764	VINE ST	LOUIS AV	ERKENBRECHER AV	36	273.18	AC	249	86	GOOD	Y	
HAM27039	VINE ST	MARBLE AL	W 72ND ST	45	194.87	AC	133	54	POOR	Y	
HAM16775	VINE ST	MARMET AV	RUTHER AV	43	221.63	AC	321	81	SATISFACTORY	Y	
HAM19247	VINE ST	MARY ST	HILLSDALE AV	39	122.48	AC	571	93	GOOD	Y	
HAM09011	VINE ST	MERCER ST	W 14TH ST	41	101.47	AC	650	84	SATISFACTORY	Y	
HAM18211	VINE ST	MERZEN CT	CLINTON SPRINGS AV	40	466.41	AC	505	35	VERY POOR	Y	
HAM08571	VINE ST	MULBERRY ST	UNNAMED AL	37	273.84	AC	239	72	SATISFACTORY	Y	
HAM33117	VINE ST	NIXON ST	SHIELDS ST	36	1007.66	AC	281	87	GOOD	Y	
HAM19964	VINE ST	ORTIZ AL	W MCMILLAN ST	36	234.40	AC	650	59	FAIR	Y	
HAM18209	VINE ST	PARCHMAN PL	MERZEN CT	39	133.86	AC	220	47	POOR	Y	
HAM26615	VINE ST	PARKWAY AV	GLENDALE ST	47	347.58	AC	243	95	GOOD	Y	
HAM18262	VINE ST	PARKWOOD PL	W MITCHELL AV	41	534.83	AC	315	46	POOR	Y	
HAM08568	VINE ST	PEETE AL	KIRK AL	48	154.55	AC	209	64	FAIR	Y	
HAM25745	VINE ST	PENDERY AL	W COURT ST	40	153.87	AC	305	74	SATISFACTORY	Y	ONE WAY
HAM19085	VINE ST	PFAU LN	FERNDALE AV	47	256.11	AC	124	95	GOOD	Y	
HAM19967	VINE ST	PITT AL	ORTIZ AL	37	236.70	AC	193	61	FAIR	Y	
HAM33126	VINE ST	POLK ST	W HOLLISTER ST	36	923.95	AC	255	57	FAIR	Y	
HAM26612	VINE ST	RIDGEWAY RD	HARTWELL CT	48	308.60	AC	265	94	GOOD	Y	
HAM08559	VINE ST	RUSS AL	GLANKER ST	41	104.33	AC	650	72	SATISFACTORY	Y	
HAM00038	VINE ST	SANDSTONE AL	W NORTH BEND RD	44	192.66	AC	650	67	FAIR	Y	
HAM08563	VINE ST	SCHEDEL AL	BENTON ST	40	97.17	AC	86	67	FAIR	Y	
HAM19245	VINE ST	SHEEHAN AV	HEREFORD ST	39	309.37	AC	574	93	GOOD	Y	
HAM08562	VINE ST	SPECHT AL	SCHEDEL AL	40	94.77	AC	96	68	FAIR	Y	
HAM32196	VINE ST	ST JOE ST	THILL ST	35	922.91	AC	272	80	SATISFACTORY	Y	
HAM26614	VINE ST	STABURN AV	LAUREL AV	40	234.36	AC	160	95	GOOD	Y	
HAM19947	VINE ST	THILL ST	POLK ST	41	191.51	AC	291	84	SATISFACTORY	Y	
HAM09056	VINE ST	THORP AL	W 6TH ST	51	120.33	AC	296	56	FAIR	Y	ONE WAY
HAM06024	VINE ST	TOWER ST	VINECREST PL	40	544.14	AC	145	81	SATISFACTORY	Y	
HAM08572	VINE ST	UNNAMED AL	ST JOE ST	38	447.65	AC	261	70	FAIR	Y	
HAM06029	VINE ST	VINECREST PL	WEST ST	41	86.78	AC	142	71	SATISFACTORY	Y	
HAM25860	VINE ST	W 12TH ST	W 13TH ST	43	422.75	AC	650	58	FAIR	Y	
HAM32212	VINE ST	W 13TH ST	MERCER ST	43	324.36	AC	650	70	FAIR	Y	
HAM21705	VINE ST	W 14TH ST	E 14TH ST	43	126.13	AC	168	95	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM21680	VINE ST	W 15TH ST	W LIBERTY ST	40	327.94	AC	480	57	FAIR	Y	
HAM62913	VINE ST	W 65TH ST	CINC|ELMWPL CORPLINE	40	149.41	AC	483	46	POOR	Y	
HAM11649	VINE ST	W 66TH ST	E 67TH ST	41	713.58	AC	178	53	POOR	Y	
HAM17737	VINE ST	W 68TH ST	E 69TH ST	41	347.11	AC	249	86	GOOD	Y	
HAM08956	VINE ST	W 6TH ST	GANO ST	42	235.63	AC	417	58	FAIR	Y	ONE WAY
HAM17728	VINE ST	W 70TH ST	W SEYMOUR AV	40	661.32	AC	246	52	POOR	Y	
HAM27040	VINE ST	W 72ND ST	GRANITE AL	45	191.98	AC	156	49	POOR	Y	
HAM07689	VINE ST	W 73RD ST	SANDSTONE AL	45	192.26	AC	217	61	FAIR	Y	
HAM29772	VINE ST	W 75TH ST	FAIRPARK AV	40	574.82	AC	164	90	GOOD	Y	
HAM08954	VINE ST	W 7TH ST	W ONEIDIA AL	43	135.61	AC	392	70	FAIR	Y	ONE WAY
HAM25743	VINE ST	W 9TH ST	PENDERY AL	40	177.98	AC	410	68	FAIR	Y	ONE WAY
HAM25859	VINE ST	W CENTRAL PKWY	W 12TH ST	40	425.37	AC	650	75	SATISFACTORY	Y	
HAM25744	VINE ST	W COURT ST	ELKINS AL	40	167.83	AC	318	79	SATISFACTORY	Y	ONE WAY
HAM19086	VINE ST	W GALBRAITH RD	PFAU LN	60	229.58	AC	222	95	GOOD	Y	
HAM19966	VINE ST	W HOLLISTER ST	PITT AL	37	64.93	AC	314	72	SATISFACTORY	Y	
HAM21681	VINE ST	W LIBERTY ST	HUBERT ST	41	240.71	AC	187	65	FAIR	Y	
HAM07965	VINE ST	W MCMILLAN ST	WILLIAM H TAFT RD	58	282.87	AC	366	78	SATISFACTORY	Y	
HAM18263	VINE ST	W MITCHELL AV	WUEST ST	45	704.10	AC	454	66	FAIR	Y	
HAM29777	VINE ST	W NORTH BEND RD	PADDOCK RD	45	530.55	AC	650	71	SATISFACTORY	Y	
HAM28040	VINE ST	W OGDEN PL	E 4TH ST	40	204.20	AC	650	43	POOR	Y	ONE WAY
HAM25741	VINE ST	W ONEIDIA AL	GARFIELD PL	42	151.27	AC	344	76	SATISFACTORY	Y	ONE WAY
HAM07681	VINE ST	W SEYMOUR AV	MARBLE AL	45	190.39	AC	508	60	FAIR	Y	
HAM06027	VINE ST	WEST ST	INTERVINE PL	40	459.46	AC	114	87	GOOD	Y	
HAM19243	VINE ST	WOODSDALE AV	SHEEHAN AV	40	350.78	AC	218	93	GOOD	Y	
HAM57651	VINE ST	WOOLPER AV	GREENDALE AV	30	310.06	AC	650	43	POOR	Y	
HAM18229	VINE ST	WUEST ST	KESSLER AV	43	314.09	AC	160	62	FAIR	Y	
HAM38499	VINE VISTA PL	CLINTON SPRINGS AV	TERM N OF CLINTON SPRINGS AV	20	642.50	AC	650	83	SATISFACTORY	Y	
HAM38009	VINEDALE AV	TERM E OF TRENTON AV	TRENTON AV	23	905.39	AC	650	51	POOR	Y	
HAM13216	VINEWOOD AV	PLAINVILLE RD	CINC|COLUTP CORPLINE	24	566.59	AC	650	79	SATISFACTORY	Y	
HAM38911	VINEYARD BLUFF LN	TERM SW OF VINEYARD PL	VINEYARD PL	13	119.48	AC	650	80	SATISFACTORY	Y	
HAM31467	VINEYARD PL	STANLEY AV	VINEYARD BLUFF LN	21	228.29	AC	650	93	GOOD	Y	
HAM31468	VINEYARD PL	VINEYARD BLUFF LN	TUSCULUM AV	22	1560.41	AC	257	92	GOOD	Y	
HAM38611	VINT AL	CHERRY ST	TERM W OF CHERRY ST	11	96.55	AC	650	21	SERIOUS	Y	
HAM01917	VINTON ST	BARTLETT ST	LUCKEY AV	16	352.10	AC	650	95	GOOD	Y	
HAM08149	VINTON ST	BEEKMAN ST	LIDDELL ST	4	266.02		-1	-1		N	BOOTS ON THE GROUND / STAIRCASE
HAM08150	VINTON ST	LIDDELL ST	LINDEN ST	3	330.51		-1	-1		N	DOES NOT EXIST
HAM02571	VINTON ST	TREVOR PL	SEEGAR AV	18	156.95	AC	650	95	GOOD	Y	ONE WAY
HAM36101	VIRBET DR	TERM W OF SUTTON AV	SUTTON AV	24	850.93	AC	614	43	POOR	Y	
HAM37998	VIRESCENT CT	VENETIAN TER	TERM W OF VENETIAN TER	25	304.45	AC	643	69	FAIR	Y	
HAM03444	VIRGIL RD	FEHR RD	ROEBLING RD	25	712.46	AC	296	77	SATISFACTORY	Y	
HAM54123	VIRGIL RD	ROEBLING RD	CINC|DELHTP CORPLINE	24	320.51	AC	370	52	POOR	Y	
HAM02650	VIRGINIA AV	BRUCE AV	KIRBY AV	31	1302.54	AC	331	93	GOOD	Y	
HAM07389	VIRGINIA AV	CHASE AV	WASHBURN ST	30	551.09	AC	290	89	GOOD	Y	
HAM02651	VIRGINIA AV	KENTUCKY AV	BRUCE AV	30	131.85	AC	650	96	GOOD	Y	
HAM03109	VIRGINIA AV	WASHBURN ST	KENTUCKY AV	30	378.08	AC	470	88	GOOD	Y	
HAM29914	VIRGINIA AV	WEST FORK RD	CHASE AV	63	646.65	AC	437	83	SATISFACTORY	Y	
HAM07730	VISTA AV	GARDEN PL	VISTA PL	34	358.35	AC	203	54	POOR	Y	
HAM37369	VISTA AV	GRIGG AV	TERM N OF GRIGG AV	24	154.93	AC	650	68	FAIR	Y	
HAM32063	VISTA AV	IVY AV	GRIGG AV	24	593.22	AC	562	78	SATISFACTORY	Y	
HAM07721	VISTA AV	MADISON RD	GARDEN PL	35	540.35	AC	412	61	FAIR	Y	
HAM07785	VISTA AV	VISTA PL	HOLLY AV	33	235.76	AC	650	51	POOR	Y	
HAM17420	VISTA AV	VISTA TER	IVY AV	34	470.33	AC	359	83	SATISFACTORY	Y	
HAM37123	VISTA PL	VISTA AV	TERM E OF VISTA AV	11	396.06	AC	650	43	POOR	Y	UNCOLLECTED PORTION DOES NOT EXIST
HAM37665	VITTMER AV	TERM E OF GLENMORE AV	GLENMORE AV	20	1007.59	AC	650	93	GOOD	Y	
HAM35386	VIVIAN PL	TERM SW OF VASSAR CT	VASSAR CT	27	119.86	AC	476	49	POOR	Y	
HAM00178	VIVIAN PL	VASSAR CT	HOLLAND DR	27	319.25	AC	380	65	FAIR	Y	
HAM19879	VOCKELL LN	ROHS ST	CHICKASAW ST	9	217.37	AC	650	22	SERIOUS	Y	
HAM15110	VOGEL RD	ALLAIRE AV	JESSUP RD	20	321.84	AC	481	42	POOR	Y	
HAM15101	VOGEL RD	FAIRHILL DR	GRACEWOOD AV	21	349.16	AC	265	75	SATISFACTORY	Y	
HAM15108	VOGEL RD	GRACEWOOD AV	MT AIRY AV	19	350.89	AC	241	45	POOR	Y	
HAM15102	VOGEL RD	KATHLEEN CT	FAIRHILL DR	19	570.86	AC	186	69	FAIR	Y	
HAM15109	VOGEL RD	MT AIRY AV	ALLAIRE AV	22	272.55	AC	304	42	POOR	Y	
HAM15096	VOGEL RD	W NORTH BEND RD	KATHLEEN CT	19	1052.51	AC	484	41	POOR	Y	
HAM39266	VOLKERT PL	RAVINE ST	TERM W OF RAVINE ST	20	195.05	AC	650	95	GOOD	Y	
HAM20029	VOLKERT ST	FLORA ST	RAVINE ST	25	335.30	AC	650	95	GOOD	Y	
HAM54523	VOLTERRA LN	TERM W OF KEMPER LN	KEMPER LN	21	220.98	PCC	650	96	GOOD	Y	
HAM20324	VON SEGGERN AL	E 14TH ST	EDDY AL	10	119.92		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM20143	VON SEGGERN AL	E LIBERTY ST	MILTON ST	9	346.65		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM20323	VON SEGGERN AL	EDDY AL	SYCAMORE ST	11	228.71	BR	650	-1		Y	
HAM20142	VON SEGGERN AL	MILTON ST	BOAL ST	8	175.18		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM02049	VOSS ST	PRICE AV	VAN VEY ST	17	570.27	AC	494	80	SATISFACTORY	Y	
HAM25794	W 12TH ST	BALDWIN AL	RACE ST	42	145.56	AC	327	90	GOOD	Y	
HAM25751	W 12TH ST	CENTRAL PKWY	CENTRAL AV	37	447.73	AC	568	45	POOR	Y	
HAM25792	W 12TH ST	DOERR AL	REPUBLIC ST	40	76.17	AC	202	78	SATISFACTORY	Y	
HAM25749	W 12TH ST	ELM ST	EMERSON AL	35	139.18	AC	541	61	FAIR	Y	
HAM30657	W 12TH ST	EMERSON AL	CENTRAL PKWY	36	323.15	AC	650	67	FAIR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM25747	W 12TH ST	RACE ST	ELM ST	41	462.71	AC	276	82	SATISFACTORY	Y	
HAM25793	W 12TH ST	REPUBLIC ST	BALDWIN AL	41	86.57	AC	307	82	SATISFACTORY	Y	
HAM25791	W 12TH ST	VINE ST	DOERR AL	39	158.08	AC	650	75	SATISFACTORY	Y	
HAM08993	W 13TH ST	BALDWIN AL	RACE ST	31	132.48	AC	650	89	GOOD	Y	
HAM08992	W 13TH ST	REPUBLIC ST	BALDWIN AL	31	98.21	AC	464	95	GOOD	Y	
HAM08991	W 13TH ST	VINE ST	REPUBLIC ST	29	235.12	AC	475	95	GOOD	Y	
HAM08978	W 14TH ST	CENTRAL PKWY	PROVIDENCE ST	25	253.87	AC	650	63	FAIR	Y	ONE WAY
HAM08997	W 14TH ST	COMERS AL	PLEASANT ST	30	93.37	AC	190	97	GOOD	Y	ONE WAY
HAM30650	W 14TH ST	ELM ST	CENTRAL PKWY	30	457.26	AC	638	68	FAIR	Y	
HAM09005	W 14TH ST	GOOSE AL	RACE ST	19	127.02		-1	-1		N	BOOTS ON THE GROUND / PEDESTRIAN PATHWAY
HAM08976	W 14TH ST	OSBORN AL	ELM ST	29	139.37	AC	198	76	SATISFACTORY	Y	ONE WAY
HAM09003	W 14TH ST	PARVIS AL	REPUBLIC ST	20	101.36	AC	650	92	GOOD	Y	ONE WAY
HAM08975	W 14TH ST	PLEASANT ST	OSBORN AL	30	92.30	AC	241	95	GOOD	Y	ONE WAY
HAM08979	W 14TH ST	PROVIDENCE ST	CENTRAL AV	25	195.00	AC	650	50	POOR	Y	ONE WAY
HAM08996	W 14TH ST	RACE ST	COMERS AL	30	141.15	AC	650	92	GOOD	Y	ONE WAY
HAM09004	W 14TH ST	REPUBLIC ST	GOOSE AL	20	108.05		-1	-1		N	BOOTS ON THE GROUND / PEDESTRIAN PATHWAY
HAM09002	W 14TH ST	VINE ST	PARVIS AL	20	127.41	AC	512	94	GOOD	Y	ONE WAY
HAM30648	W 15TH ST	BLANCA AL	THUBER AL	23	162.93	AC	475	70	FAIR	Y	ONE WAY
HAM08964	W 15TH ST	CENTRAL PKWY	NOME AL	26	182.12		-1	-1		N	BOOTS ON THE GROUND / PEDESTRIAN PATHWAY
HAM21692	W 15TH ST	COMERS AL	PLEASANT ST	32	93.23	AC	258	95	GOOD	Y	ONE WAY
HAM08961	W 15TH ST	ELM ST	BLANCA AL	22	131.00	AC	650	63	FAIR	Y	ONE WAY
HAM21691	W 15TH ST	GOOSE AL	RACE ST	31	126.21		-1	-1		N	NO VEHICLE ACCESS
HAM21683	W 15TH ST	OSBORN AL	ELM ST	32	149.91	AC	650	93	GOOD	Y	ONE WAY
HAM21697	W 15TH ST	PARVIS AL	REPUBLIC ST	31	102.27		-1	-1		N	NO VEHICLE ACCESS
HAM21682	W 15TH ST	PLEASANT ST	OSBORN AL	31	92.10	AC	177	96	GOOD	Y	ONE WAY
HAM21694	W 15TH ST	RACE ST	COMERS AL	30	141.20	AC	370	92	GOOD	Y	ONE WAY
HAM21690	W 15TH ST	REPUBLIC ST	GOOSE AL	32	106.50		-1	-1		N	NO VEHICLE ACCESS
HAM08963	W 15TH ST	THUBER AL	CENTRAL PKWY	23	172.15	AC	650	65	FAIR	Y	ONE WAY
HAM21696	W 15TH ST	VINE ST	PARVIS AL	32	127.89		-1	-1		N	NO VEHICLE ACCESS
HAM28075	W 2ND ST	RACE ST	ELM ST	62	467.61	PCC	650	90	GOOD	Y	ONE WAY
HAM50982	W 2ND ST	VINE ST	RACE ST	60	463.36	PCC	182	90	GOOD	Y	ONE WAY
HAM28101	W 3RD ST	CENTRAL AV	JOHN ST	49	404.89	PCC	362	34	VERY POOR	Y	ONE WAY
HAM28094	W 3RD ST	ELM ST	PLUM ST	44	463.90	AC	352	63	FAIR	Y	ONE WAY
HAM27590	W 3RD ST	JOHN ST	US 42	56	393.29	AC	271	39	VERY POOR	Y	ONE WAY
HAM28098	W 3RD ST	PLUM ST	CENTRAL AV	44	446.80	AC	650	64	FAIR	Y	ONE WAY
HAM28066	W 3RD ST	RACE ST	ELM ST	61	463.64	AC	640	49	POOR	Y	ONE WAY
HAM27588	W 3RD ST	US 42	GEST ST	44	1212.33	AC	249	43	POOR	Y	ONE WAY
HAM34637	W 3RD ST	VINE ST	RACE ST	59	464.00	AC	564	68	FAIR	Y	ONE WAY
HAM27633	W 4TH ST	EGAN AL	PLUM ST	40	246.65	AC	396	67	FAIR	Y	ONE WAY
HAM27635	W 4TH ST	ELM ST	EGAN AL	42	220.45	AC	394	52	POOR	Y	ONE WAY
HAM27638	W 4TH ST	PLUM ST	CENTRAL AV	38	449.88	AC	453	62	FAIR	Y	ONE WAY
HAM27623	W 4TH ST	RACE ST	ELM ST	41	462.46	AC	650	70	FAIR	Y	ONE WAY
HAM34642	W 4TH ST	VINE ST	RACE ST	41	468.02	AC	650	78	SATISFACTORY	Y	ONE WAY
HAM27593	W 5TH ST	ELM ST	HOME AL	44	236.95	AC	353	72	SATISFACTORY	Y	ONE WAY
HAM60831	W 5TH ST	GEST ST	STONE CHAPEL LN	44	501.71	AC	650	47	POOR	Y	
HAM27597	W 5TH ST	HOME AL	PLUM ST	42	229.13	AC	339	82	SATISFACTORY	Y	ONE WAY
HAM25932	W 5TH ST	LINN ST	TERM W OF LINN ST	40	387.79	PCC	546	96	GOOD	Y	
HAM53270	W 5TH ST	PLUM ST	CENTRAL AV	41	453.22	AC	403	85	SATISFACTORY	Y	ONE WAY
HAM27581	W 5TH ST	RACE ST	ELM ST	40	461.09	AC	633	66	FAIR	Y	ONE WAY
HAM60832	W 5TH ST	STONE CHAPEL LN	LINN ST	44	589.17	AC	192	58	FAIR	Y	
HAM27583	W 5TH ST	VINE ST	RACE ST	41	467.90	AC	650	60	FAIR	Y	ONE WAY
HAM63032	W 63RD ST	CINC|ELMWPL CORPLINE	OAK ST	32	151.43	AC	288	59	FAIR	Y	
HAM11616	W 63RD ST	OAK ST	ROSEWOOD ST	32	226.30	AC	650	44	POOR	Y	
HAM11617	W 64TH ST	FAIRPARK AV	ROSEWOOD ST	29	655.73	AC	604	63	FAIR	Y	
HAM11618	W 65TH ST	FAIRPARK AV	ROSEWOOD ST	30	680.55	AC	496	68	FAIR	Y	
HAM62915	W 65TH ST	TERM SE OF	FAIRPARK AV	30	359.97	AC	442	59	FAIR	Y	
HAM62914	W 65TH ST	VINE ST	TERM NW OF	30	162.17	AC	570	43	POOR	Y	
HAM11629	W 66TH ST	FAIRPARK AV	FAIRPARK AV	30	137.85	AC	366	72	SATISFACTORY	Y	
HAM31946	W 66TH ST	FAIRPARK AV	VAN KIRK AV	30	314.79	AC	473	63	FAIR	Y	
HAM31947	W 66TH ST	VAN KIRK AV	ROSEWOOD ST	30	393.76	AC	269	65	FAIR	Y	
HAM11630	W 66TH ST	VINE ST	FAIRPARK AV	30	374.76	AC	527	73	SATISFACTORY	Y	
HAM37075	W 68TH ST	BOAKE AL	TERM NW OF BOAKE AL	30	145.25	AC	499	95	GOOD	Y	
HAM07650	W 68TH ST	CEDAR AL	FAIRPARK AV	30	186.53	AC	650	93	GOOD	Y	
HAM07638	W 68TH ST	FAIRPARK AV	FIELDAY AL	30	282.45	AC	462	92	GOOD	Y	
HAM07643	W 68TH ST	FIELDAY AL	VAN KIRK AV	30	166.55	AC	650	92	GOOD	Y	
HAM63213	W 68TH ST	HOSPE AL	BOAKE AL	30	165.98	AC	252	94	GOOD	Y	
HAM63212	W 68TH ST	VAN KIRK AV	HOSPE AL	30	166.19	AC	650	87	GOOD	Y	
HAM11626	W 68TH ST	VINE ST	CEDAR AL	30	191.66	AC	650	74	SATISFACTORY	Y	
HAM37076	W 69TH ST	BOAKE AL	TERM NW OF BOAKE AL	30	162.40	AC	509	82	SATISFACTORY	Y	
HAM07649	W 69TH ST	CEDAR AL	FAIRPARK AV	30	180.83	AC	625	68	FAIR	Y	
HAM07636	W 69TH ST	FAIRPARK AV	VAN KIRK AV	30	455.22	AC	405	75	SATISFACTORY	Y	
HAM07640	W 69TH ST	VAN KIRK AV	BOAKE AL	30	337.29	AC	246	64	FAIR	Y	
HAM17720	W 69TH ST	VINE ST	CEDAR AL	30	191.14	AC	650	71	SATISFACTORY	Y	
HAM53190	W 6TH EB ST TO W 2ND ST RAMP	W 6TH EB ST TO I-75 SB EXWY RAMP	FT WSHNGTN EB WY TO W 2ND ST RAMP	29	762.22	AC	257	47	POOR	Y	ONE WAY
HAM27611	W 6TH EB ST TO W 5TH ST RAMP	W 6TH EB ST	W 5TH ST RAMP	29	1683.70	AC	212	96	GOOD	Y	ONE WAY
HAM08787	W 6TH EB ST TO W MEHRING WY RAMP	W MEHRING WY	W 6TH ST	20	878.71	AC	359	70	FAIR	Y	ONE WAY

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM09764	W 6TH ST	CARR ST	HARRIET ST	34	537.51	AC	320	86	GOOD	Y	
HAM25830	W 6TH ST	COLLEGE ST	RACE ST	42	231.29	AC	411	50	POOR	Y	ONE WAY
HAM26002	W 6TH ST	ELM ST	PLUM ST	40	533.01	AC	261	57	FAIR	Y	
HAM60833	W 6TH ST	GEST ST	STONE CHAPEL LN	40	426.64	AC	650	72	SATISFACTORY	Y	ONE WAY
HAM09882	W 6TH ST	HARRIET ST TO RIVER RD RAMP	EVANS ST	50	2259.72	PCC	172	88	GOOD	Y	
HAM26009	W 6TH ST	PLUM ST	CENTRAL AV	63	381.82	AC	650	43	POOR	Y	ONE WAY
HAM25772	W 6TH ST	RACE ST	RUSCONI PL	40	260.21	AC	271	51	POOR	Y	
HAM25968	W 6TH ST	RUSCONI PL	ELM ST	60	201.02	AC	245	81	SATISFACTORY	Y	
HAM60834	W 6TH ST	STONE CHAPEL LN	LINN ST TO W 6TH EB ST RAMP	40	769.37	AC	373	71	SATISFACTORY	Y	ONE WAY
HAM25738	W 6TH ST	VINE ST	COLLEGE ST	43	240.08	AC	491	42	POOR	Y	ONE WAY
HAM53336	W 6TH ST	W 6TH EB ST TO FREEMAN AV RAMP	W 6TH EB ST TO W MEHRING WY RAMP	52	1705.31	AC	139	83	SATISFACTORY	Y	
HAM52747	W 6TH ST	W 6TH EB ST TO W MEHRING WY RAMP	RIVER RD	47	1456.90	PCC	179	93	GOOD	Y	
HAM09768	W 6TH ST	W 6TH ST	HARRIET ST TO RIVER RD RAMP	51	1108.43	AC	130	87	GOOD	Y	
HAM53310	W 6TH ST	W 6TH ST	W 6TH WB ST TO LINN ST RAMP	50	1002.52	AC	180	83	SATISFACTORY	Y	
HAM53337	W 6TH ST	W 6TH ST	W 6TH EB ST TO FREEMAN AV RAMP	41	1668.28	AC	172	92	GOOD	Y	
HAM53338	W 6TH ST	W 6TH ST	FREEMAN AV TO W 6TH EB ST RAMP	51	1132.91	AC	135	77	SATISFACTORY	Y	
HAM52750	W 6TH ST	W 6TH WB ST TO LINN ST RAMP	W 6TH WB ST	53	3026.12	AC	134	92	GOOD	Y	
HAM53220	W 6TH ST TO GEST ST RAMP	W 6TH ST	GEST ST RAMP	25	1116.57	AC	391	88	GOOD	Y	
HAM37077	W 70TH ST	BOAKE AL	TERM NW OF BOAKE AL	30	186.42	AC	444	96	GOOD	Y	
HAM17721	W 70TH ST	CEDAR AL	FAIRPARK AV	29	182.84	AC	650	89	GOOD	Y	
HAM07648	W 70TH ST	FAIRPARK AV	VAN KIRK AV	30	450.35	AC	650	95	GOOD	Y	
HAM07647	W 70TH ST	VAN KIRK AV	BOAKE AL	31	336.47	AC	515	95	GOOD	Y	
HAM17729	W 70TH ST	VINE ST	CEDAR AL	30	193.02	AC	650	93	GOOD	Y	
HAM07665	W 72ND ST	CEDAR AL	FAIRPARK AV	41	192.03	AC	650	50	POOR	Y	
HAM07653	W 72ND ST	FAIRPARK AV	WILLOW AL	46	196.61	AC	650	78	SATISFACTORY	Y	
HAM27037	W 72ND ST	VINE ST	CEDAR AL	41	192.38	AC	650	49	POOR	Y	
HAM07661	W 72ND ST	WILLOW AL	VAN KIRK AV	29	503.49	AC	447	76	SATISFACTORY	Y	
HAM07658	W 73RD ST	CEDAR AL	FAIRPARK AV	42	194.21	AC	650	76	SATISFACTORY	Y	
HAM07686	W 73RD ST	E 73RD ST	CEDAR AL	42	192.98	AC	650	79	SATISFACTORY	Y	
HAM07657	W 73RD ST	FAIRPARK AV	WILLOW AL	46	189.86	AC	650	73	SATISFACTORY	Y	
HAM37080	W 73RD ST	TERM E OF DILLWARD ST	DILLWARD ST	20	356.55	AC	632	69	FAIR	Y	
HAM07656	W 73RD ST	WILLOW AL	VAN KIRK AV	30	723.03	AC	383	76	SATISFACTORY	Y	
HAM54150	W 75TH ST	CEDAR AL	FAIRPARK AV	21	189.13	AC	650	53	POOR	Y	
HAM54149	W 75TH ST	VINE ST	CEDAR AL	22	114.64	AC	650	64	FAIR	Y	
HAM25914	W 7TH ST	BALDWIN AL	RACE ST	37	126.16	AC	217	84	SATISFACTORY	Y	ONE WAY
HAM28146	W 7TH ST	CENTRAL AV	I-75 NB ACCS	45	862.32	AC	302	42	POOR	Y	ONE WAY
HAM25913	W 7TH ST	DOERR AL	BALDWIN AL	36	215.44	AC	158	87	GOOD	Y	ONE WAY
HAM26001	W 7TH ST	ELM ST	PLUM ST	44	463.79	AC	266	62	FAIR	Y	ONE WAY
HAM53248	W 7TH ST	GEST ST TO W 7TH ST RAMP	W 8TH ST	27	1185.77	PCC	219	92	GOOD	Y	
HAM40969	W 7TH ST	MCLEAN ST	HORNE ST	26	601.93	AC	550	43	POOR	Y	
HAM26007	W 7TH ST	PLUM ST	CENTRAL AV	40	447.16	AC	362	69	FAIR	Y	ONE WAY
HAM25999	W 7TH ST	RACE ST	ELM ST	39	459.74	AC	286	90	GOOD	Y	ONE WAY
HAM38178	W 7TH ST	TERM E OF CARR ST	CARR ST	36	349.62	AC	646	44	POOR	Y	
HAM25895	W 7TH ST	VINE ST	DOERR AL	36	130.50	AC	534	78	SATISFACTORY	Y	ONE WAY
HAM03359	W 8TH ST	ACADEMY AV	HARRIS AV	50	337.32	AC	221	66	FAIR	Y	
HAM08758	W 8TH ST	BURNS ST	DEPOT ST	56	237.83	AC	406	73	SATISFACTORY	Y	
HAM08714	W 8TH ST	CARR ST	DALTON AV	116	497.93	PCC	428	63	FAIR	Y	
HAM02046	W 8TH ST	CHATEAU AV	GRAND AV	31	298.08	AC	541	29	VERY POOR	Y	
HAM03363	W 8TH ST	CLANORA DR	SCHIFF AV	50	355.03	AC	238	40	VERY POOR	Y	
HAM02044	W 8TH ST	CONSIDINE AV	PURCELL AV	31	328.15	AC	266	81	SATISFACTORY	Y	
HAM09580	W 8TH ST	DALTON AV	MCLEAN ST	98	683.82	PCC	418	50	POOR	Y	
HAM53615	W 8TH ST	DANCE CT	TERM W OF DANCE CT	33	709.47	PCC	420	66	FAIR	Y	
HAM08757	W 8TH ST	DEPOT ST	STATE AV	59	394.45	AC	562	60	FAIR	Y	
HAM02484	W 8TH ST	ELBERON AV	WELLS ST	40	1024.35	AC	499	63	FAIR	Y	
HAM25989	W 8TH ST	ELM ST	GOSHEN AL	34	132.65	AC	381	85	SATISFACTORY	Y	ONE WAY
HAM01940	W 8TH ST	ENRIGHT AV	KIRBERT AV	40	717.94	AC	241	40	VERY POOR	Y	
HAM25723	W 8TH ST	FREEMAN AV	CARR ST	116	438.70	PCC	431	69	FAIR	Y	
HAM25990	W 8TH ST	GOSHEN AL	WATTS AL	34	190.91	AC	219	75	SATISFACTORY	Y	ONE WAY
HAM02064	W 8TH ST	GRAND AV	HAWTHORNE AV	30	344.95	AC	617	84	SATISFACTORY	Y	
HAM03369	W 8TH ST	GREENWICH AV	PEDRETTI AV	50	174.90	AC	636	43	POOR	Y	
HAM03358	W 8TH ST	HARRIS AV	SUIRE AV	49	484.18	AC	232	68	FAIR	Y	
HAM02045	W 8TH ST	HAWTHORNE AV	CONSIDINE AV	30	318.75	AC	650	71	SATISFACTORY	Y	
HAM03366	W 8TH ST	HERMOSA AV	GREENWICH AV	50	722.53	AC	254	37	VERY POOR	Y	
HAM02478	W 8TH ST	KIRBERT AV	SETON AV	49	328.53	AC	202	43	POOR	Y	
HAM03364	W 8TH ST	KREIS LN	CLANORA DR	50	283.13	AC	198	45	POOR	Y	
HAM26036	W 8TH ST	LINN ST	FREEMAN AV	116	1034.16	PCC	523	72	SATISFACTORY	Y	
HAM01669	W 8TH ST	MATSON PL	MT HOPE AV	40	276.42	AC	650	44	POOR	Y	
HAM53614	W 8TH ST	MCLEAN ST	DANCE CT	33	380.36	PCC	650	58	FAIR	Y	
HAM02481	W 8TH ST	MCPHERSON AV	TERRY ST	39	343.57	AC	227	54	POOR	Y	
HAM01668	W 8TH ST	MT HOPE AV	SUMMIT AV	30	296.90	AC	650	36	VERY POOR	Y	
HAM03370	W 8TH ST	OVERLOOK AV	NEBRASKA AV	50	377.96	AC	650	42	POOR	Y	
HAM03368	W 8TH ST	PEDRETTI AV	PEDRETTI AV	50	175.06	AC	186	46	POOR	Y	
HAM03371	W 8TH ST	PEDRETTI AV	OVERLOOK AV	50	251.78	AC	462	53	POOR	Y	
HAM03360	W 8TH ST	PLEASURE DR	TRENTON AV	48	309.15	AC	548	46	POOR	Y	
HAM25992	W 8TH ST	PLUM ST	CENTRAL AV	34	449.56	AC	600	57	FAIR	Y	
HAM02043	W 8TH ST	PURCELL AV	ELBERON AV	31	417.73	AC	650	89	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM03312	W 8TH ST	ROSEMONT AV	SUNSET AV	50	586.56	AC	227	50	POOR	Y	
HAM03367	W 8TH ST	SCHIFF AV	HERMOSA AV	50	1104.89	AC	182	40	VERY POOR	Y	
HAM03362	W 8TH ST	SETON AV	ACADEMY AV	49	698.69	AC	210	54	POOR	Y	
HAM01717	W 8TH ST	STATE AV	GLENWAY AV	57	97.31	AC	650	79	SATISFACTORY	Y	
HAM03357	W 8TH ST	SUIRE AV	ROSEMONT AV	51	435.79	AC	331	53	POOR	Y	
HAM02047	W 8TH ST	SUMMIT AV	CHATEAU AV	31	299.33	AC	346	34	VERY POOR	Y	
HAM03361	W 8TH ST	SUNSET AV	PLEASURE DR	51	539.96	AC	261	38	VERY POOR	Y	
HAM02479	W 8TH ST	TERRY ST	ENRIGHT AV	39	311.11	AC	237	50	POOR	Y	
HAM03365	W 8TH ST	TRENTON AV	KREIS LN	50	165.17	AC	387	42	POOR	Y	
HAM28129	W 8TH ST	W 9TH ST	W 8TH ST TO I-75 SB EXWY RAMP	41	206.22	AC	184	89	GOOD	Y	
HAM25991	W 8TH ST	WATTS AL	PLUM ST	33	141.29	AC	410	59	FAIR	Y	ONE WAY
HAM02482	W 8TH ST	WELLS ST	MCPHERSON AV	40	301.27	AC	216	52	POOR	Y	
HAM28135	W 8TH ST TO GEST ST RAMP	W 8TH ST	GEST ST	16	789.49	PCC	326	67	FAIR	Y	
HAM28142	W 8TH ST TO I-75 SB EXWY RAMP	W 8TH ST	I-75 SB EXWY RAMP	26	1297.03	AC	260	89	GOOD	Y	ONE WAY
HAM25919	W 9TH ST	BALDWIN AL	RACE ST	43	128.84	AC	480	69	FAIR	Y	ONE WAY
HAM25961	W 9TH ST	BRITT AL	ELM ST	41	127.84	AC	314	78	SATISFACTORY	Y	ONE WAY
HAM28126	W 9TH ST	CENTRAL AV	MOUND ST	49	990.56	AC	160	63	FAIR	Y	ONE WAY
HAM08776	W 9TH ST	DALTON AV	MCLEAN ST	30	697.71	AC	494	66	FAIR	Y	
HAM25918	W 9TH ST	DOERR AL	BALDWIN AL	42	213.85	AC	230	73	SATISFACTORY	Y	ONE WAY
HAM25962	W 9TH ST	ELM ST	GOSHEN AL	42	134.91	AC	149	67	FAIR	Y	ONE WAY
HAM25963	W 9TH ST	GOSHEN AL	WATTS AL	41	190.91	AC	103	78	SATISFACTORY	Y	ONE WAY
HAM25960	W 9TH ST	IRA AL	BRITT AL	41	201.78	AC	161	82	SATISFACTORY	Y	ONE WAY
HAM26017	W 9TH ST	PEALE AL	CENTRAL AV	42	153.30	AC	332	77	SATISFACTORY	Y	ONE WAY
HAM30666	W 9TH ST	PLUM ST	PEALE AL	42	309.11	AC	270	55	POOR	Y	ONE WAY
HAM25920	W 9TH ST	RACE ST	IRA AL	41	128.36	AC	301	74	SATISFACTORY	Y	ONE WAY
HAM25896	W 9TH ST	VINE ST	DOERR AL	42	128.91	AC	319	63	FAIR	Y	ONE WAY
HAM25964	W 9TH ST	WATTS AL	PLUM ST	39	139.03	AC	408	64	FAIR	Y	ONE WAY
HAM28133	W 9TH ST TO I-75 NB ACCS RAMP	W 9TH ST	I-75 NB ACCS RAMP	23	904.28	AC	280	64	FAIR	Y	
HAM25916	W CENTRAL PKWY	BALDWIN AL	RACE ST	55	167.56	AC	650	83	SATISFACTORY	Y	
HAM25899	W CENTRAL PKWY	BRITT AL	ELM ST	47	148.12	AC	187	80	SATISFACTORY	Y	
HAM25917	W CENTRAL PKWY	DOERR AL	BALDWIN AL	45	158.14	AC	377	81	SATISFACTORY	Y	
HAM53065	W CENTRAL PKWY	DOERR AL	RACE ST	47	352.10	AC	153	89	GOOD	Y	
HAM25898	W CENTRAL PKWY	ELM ST	SHORT AL	47	231.79	AC	174	81	SATISFACTORY	Y	
HAM53062	W CENTRAL PKWY	ELM ST	PLUM ST	44	463.39	AC	382	81	SATISFACTORY	Y	
HAM53033	W CENTRAL PKWY	IRA AL	BRITT AL	46	200.54	AC	142	83	SATISFACTORY	Y	
HAM25915	W CENTRAL PKWY	RACE ST	IRA AL	45	149.44	AC	650	85	SATISFACTORY	Y	
HAM53063	W CENTRAL PKWY	RACE ST	ELM ST	44	505.53	AC	188	82	SATISFACTORY	Y	
HAM53339	W CENTRAL PKWY	SHORT AL	PLUM ST	46	159.30	AC	321	80	SATISFACTORY	Y	
HAM25921	W CENTRAL PKWY	VINE ST	DOERR AL	45	177.00	AC	179	72	SATISFACTORY	Y	
HAM53037	W CENTRAL PKWY	VINE ST	DOERR AL	57	150.41	AC	215	93	GOOD	Y	
HAM14863	W CHARLTON ST	GLENDORA AV	JEFFERSON AV	35	256.73	AC	650	45	POOR	Y	
HAM14864	W CHARLTON ST	SHORT VINE ST	GLENDORA AV	36	251.38	AC	650	44	POOR	Y	
HAM26065	W CHEAPSIDE ST	E 8TH ST	E 9TH ST	23	348.54	AC	650	73	SATISFACTORY	Y	ONE WAY
HAM64114	W CLIFTON AV	OHIO AV	CLIFTON AV	40	750.46	AC	411	61	FAIR	Y	
HAM08514	W CLIFTON AV	VINE ST	OHIO AV	40	380.52	AC	650	51	POOR	Y	
HAM14854	W CORRY ST	SHORT VINE ST	GLENDORA AV	44	251.63	AC	631	65	FAIR	Y	
HAM25797	W COURT ST	BALDWIN AL	RACE ST	48	129.61	AC	386	74	SATISFACTORY	Y	
HAM25754	W COURT ST	BRITT AL	ELM ST	47	131.15	AC	403	66	FAIR	Y	
HAM26032	W COURT ST	CENTRAL AV	JOHN ST	41	452.77	AC	368	55	POOR	Y	
HAM26037	W COURT ST	CUTTER ST	LINN ST	49	682.05	AC	431	44	POOR	Y	
HAM25796	W COURT ST	DOERR AL	BALDWIN AL	48	212.38	AC	547	72	SATISFACTORY	Y	
HAM25944	W COURT ST	ELM ST	PLUM ST	47	457.88	AC	529	59	FAIR	Y	
HAM25753	W COURT ST	IRA AL	BRITT AL	49	202.94	AC	179	65	FAIR	Y	
HAM54446	W COURT ST	JOHN ST	MOUND ST	40	265.61	AC	204	48	POOR	Y	
HAM27526	W COURT ST	LINN ST	TERM NW OF LINN ST	36	730.58	AC	587	69	FAIR	Y	
HAM26013	W COURT ST	LLOYD AL	CENTRAL AV	47	328.40	AC	208	60	FAIR	Y	
HAM26020	W COURT ST	MILO AL	WESLEY AV	42	160.36	AC	226	45	POOR	Y	
HAM26022	W COURT ST	MOUND ST	MILO AL	41	148.65	AC	138	52	POOR	Y	
HAM30665	W COURT ST	PLUM ST	LLOYD AL	47	131.67	AC	650	71	SATISFACTORY	Y	
HAM25798	W COURT ST	RACE ST	IRA AL	49	127.39	AC	365	73	SATISFACTORY	Y	
HAM25732	W COURT ST	VINE ST	DOERR AL	48	130.96	AC	650	87	GOOD	Y	
HAM26026	W COURT ST	WESLEY AV	CUTTER ST	58	306.00	AC	172	65	FAIR	Y	
HAM14867	W DANIELS ST	GLENDORA AV	JEFFERSON AV	36	256.58	AC	650	71	SATISFACTORY	Y	
HAM14865	W DANIELS ST	SHORT VINE ST	GLENDORA AV	36	249.17	AC	432	77	SATISFACTORY	Y	
HAM00568	W EASTWOOD CIR	E EASTWOOD CIR	EASTWOOD DR	16	799.32	AC	409	47	POOR	Y	
HAM08422	W ELDER ST	CAMPBELL ST	LOGAN ST	32	141.72	AC	459	65	FAIR	Y	
HAM08531	W ELDER ST	E ELDER ST	REPUBLIC ST	30	169.72	AC	650	81	SATISFACTORY	Y	ONE WAY
HAM08420	W ELDER ST	ELM ST	CAMPBELL ST	33	154.13	AC	650	69	FAIR	Y	
HAM08532	W ELDER ST	GOOSE AL	RACE ST	30	153.26	AC	650	75	SATISFACTORY	Y	ONE WAY
HAM10766	W ELDER ST	LOGAN ST	CENTRAL PKWY	29	169.58	AC	612	63	FAIR	Y	
HAM11716	W ELDER ST	PLEASANT ST	ELM ST	24	258.57		-1	-1		N	BLOCKED BY GATE
HAM65019	W ELDER ST	PLEASANT ST	ELM ST	34	258.24		-1	-1		N	BLOCKED BY GATE
HAM08539	W ELDER ST	RACE ST	PLEASANT ST	35	260.81		-1	-1		N	BLOCKED BY GATE
HAM11717	W ELDER ST	RACE ST	PLEASANT ST	25	261.95		-1	-1		N	BLOCKED BY GATE
HAM08536	W ELDER ST	REPUBLIC ST	GOOSE AL	30	139.81	AC	628	59	FAIR	Y	ONE WAY
HAM55524	W FREEDOM WY	RACE ST	ELM ST	50	331.80	PCC	650	71	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM56571	W FREEDOM WY	ROSA PARKS ST	RACE ST	43	466.31	PCC	619	75	SATISFACTORY	Y	
HAM29656	W GALBRAITH RD	BANBURY ST	MAYFAIR ST	31	263.70	AC	258	38	VERY POOR	Y	
HAM29568	W GALBRAITH RD	BOBOLINK DR	CINC|NCOLHL CORPLINE	40	140.69	AC	206	85	SATISFACTORY	Y	
HAM13991	W GALBRAITH RD	CINC|NCOLHL CORPLINE	CARROL AV	39	204.26	AC	125	95	GOOD	Y	
HAM29654	W GALBRAITH RD	CINC|SPRGTP CORPLINE	GATEHOUSE DR E	30	731.37	AC	299	38	VERY POOR	Y	
HAM29563	W GALBRAITH RD	DALY RD	FOUR WORLDS DR	46	590.18	AC	292	84	SATISFACTORY	Y	
HAM29566	W GALBRAITH RD	FOUR WORLDS DR	BOBOLINK DR	39	333.35	AC	161	80	SATISFACTORY	Y	
HAM29651	W GALBRAITH RD	GATEHOUSE DR E	HAMILTON COUNTY DR	33	457.51	AC	650	43	POOR	Y	
HAM29606	W GALBRAITH RD	HAMILTON COUNTY DR	RIDGEVIEW DR	29	2372.11	AC	196	40	VERY POOR	Y	
HAM29657	W GALBRAITH RD	MAYFAIR ST	TERM W OF	32	133.30	AC	168	44	POOR	Y	
HAM29609	W GALBRAITH RD	NEWBURY ST	ROLAND AV	30	257.38	AC	306	36	VERY POOR	Y	
HAM00472	W GALBRAITH RD	RIDGEVIEW DR	CINC|WYOMNG CORPLINE	35	148.41	AC	250	43	POOR	Y	
HAM29607	W GALBRAITH RD	ROLAND AV	BANBURY ST	32	259.12	AC	347	27	VERY POOR	Y	
HAM64914	W GALBRAITH RD	VINE ST	W GALBRAITH RD TO PFAU LN RAMP	60	253.00	AC	591	61	FAIR	Y	
HAM64915	W GALBRAITH RD	W GALBRAITH RD TO PFAU LN RAMP	PFAU LN	60	264.30	AC	255	49	POOR	Y	
HAM64918	W GALBRAITH RD TO PFAU LN RAMP	W GALBRAITH RD	PFAU LN	39	174.12	AC	456	83	SATISFACTORY	Y	ONE WAY
HAM31213	W HOLLISTER ST	VINE ST	CLIFF ST	24	577.54	AC	650	69	FAIR	Y	
HAM02495	W LIBERTY ST	1ST AV	ILIFF AV	30	286.13	AC	391	50	POOR	Y	
HAM11710	W LIBERTY ST	ATSON LN	WYOMING AV	24	122.20	AC	650	69	FAIR	Y	
HAM08308	W LIBERTY ST	BARD AL	JOHN ST	71	138.68	AC	423	96	GOOD	Y	
HAM02494	W LIBERTY ST	BEECH AV	MANSS AV	30	259.83	AC	650	36	VERY POOR	Y	
HAM08309	W LIBERTY ST	CENTRAL AV	KUHFERS AL	72	129.12	AC	650	95	GOOD	Y	
HAM02489	W LIBERTY ST	DEWEY AV	ROSEMONT AV	30	240.96	AC	455	55	POOR	Y	
HAM30642	W LIBERTY ST	ELM ST	LOGAN ST	71	310.49	AC	571	95	GOOD	Y	
HAM08241	W LIBERTY ST	FITZPATRICK ST	STATE AV	36	151.92	AC	650	38	VERY POOR	Y	
HAM02490	W LIBERTY ST	GILSEY AV	DEWEY AV	30	260.67	AC	436	52	POOR	Y	
HAM21672	W LIBERTY ST	GOOSE AL	RACE ST	71	143.24	AC	650	95	GOOD	Y	
HAM02488	W LIBERTY ST	GRAND AV	CONSIDINE AV	13	648.54	AC	463	88	GOOD	Y	ONE WAY
HAM02491	W LIBERTY ST	ILIFF AV	GILSEY AV	30	294.14	AC	648	38	VERY POOR	Y	
HAM08307	W LIBERTY ST	JOHN ST	SNYDER AL	72	137.45	AC	198	95	GOOD	Y	
HAM08311	W LIBERTY ST	KEMP AL	CENTRAL AV	72	463.35	AC	202	95	GOOD	Y	
HAM08310	W LIBERTY ST	KUHFERS AL	BARD AL	70	202.16	AC	650	95	GOOD	Y	
HAM27482	W LIBERTY ST	LINN ST	LOCKHURST LN	69	685.74	AC	333	95	GOOD	Y	
HAM27485	W LIBERTY ST	LOCKHURST LN	WINCHELL AV	73	341.02	AC	157	95	GOOD	Y	
HAM02493	W LIBERTY ST	MANSS AV	1ST AV	28	290.79	AC	428	41	POOR	Y	
HAM11703	W LIBERTY ST	MINION AV	BEECH AV	23	243.86	AC	650	74	SATISFACTORY	Y	
HAM32205	W LIBERTY ST	PARVIS AL	REPUBLIC ST	72	94.16	AC	84	95	GOOD	Y	
HAM21662	W LIBERTY ST	PLEASANT ST	ELM ST	72	241.60	AC	241	95	GOOD	Y	
HAM21673	W LIBERTY ST	RACE ST	PLEASANT ST	73	241.91	AC	402	95	GOOD	Y	
HAM21675	W LIBERTY ST	REPUBLIC ST	GOOSE AL	70	115.93	AC	158	95	GOOD	Y	
HAM02492	W LIBERTY ST	ROSEMONT AV	SLIKER AV	18	147.83	AC	650	45	POOR	Y	
HAM38987	W LIBERTY ST	SLIKER AV		4	378.28		-1	-1		N	PRIVATE DRIVEWAY
HAM08306	W LIBERTY ST	SNYDER AL	LINN ST	71	760.80	AC	331	95	GOOD	Y	
HAM38999	W LIBERTY ST	TERM E OF ROSS AV	ROSS AV	18	799.42	AC	511	60	FAIR	Y	
HAM33062	W LIBERTY ST	VINE ST	PARVIS AL	74	131.29	AC	193	95	GOOD	Y	
HAM32156	W LIBERTY ST	WESTERN AV	DALTON AV	57	1027.49	AC	230	95	GOOD	Y	
HAM30676	W LIBERTY ST	WINCHELL AV	WESTERN AV	74	331.11	PCC	650	72	SATISFACTORY	Y	
HAM11708	W LIBERTY ST	WYOMING AV	MINION AV	23	246.62	AC	278	47	POOR	Y	
HAM40541	W MARTIN LUTHER KING JR DR	BISHOP ST	BURNET WOODS DR	74	387.64	AC	290	59	FAIR	Y	
HAM05508	W MARTIN LUTHER KING JR DR	BROOKLINE DR	CLIFTON AV	73	340.53	AC	579	67	FAIR	Y	
HAM33099	W MARTIN LUTHER KING JR DR	CAMPUS GREEN DR	BISHOP ST	74	239.77	AC	280	58	FAIR	Y	
HAM05509	W MARTIN LUTHER KING JR DR	CLIFTON AV	RIDDLE RD	72	218.98	AC	650	84	SATISFACTORY	Y	
HAM50261	W MARTIN LUTHER KING JR DR	DIXMYTH AV	HOPPLE ST	45	2388.75	AC	242	94	GOOD	Y	
HAM59411	W MARTIN LUTHER KING JR DR	HOPPLE ST	CENTRAL PKWY	66	769.10	AC	470	91	GOOD	Y	
HAM33096	W MARTIN LUTHER KING JR DR	JEFFERSON AV	SCIOTO LN	33	259.97	AC	650	82	SATISFACTORY	Y	
HAM62228	W MARTIN LUTHER KING JR DR	JEFFERSON AV TO W MLK JR DR RAMP	W MARTIN LUTHER KING JR DR	33	438.14	AC	650	87	GOOD	Y	
HAM50260	W MARTIN LUTHER KING JR DR	RIDDLE RD	DIXMYTH AV	43	1775.73	AC	146	88	GOOD	Y	
HAM33098	W MARTIN LUTHER KING JR DR	W MARTIN LUTHER KING JR DR	CAMPUS GREEN DR	74	270.58	AC	650	52	POOR	Y	
HAM40542	W MARTIN LUTHER KING JR DR	WOODSIDE DR	BROOKLINE DR	70	1089.37	AC	512	44	POOR	Y	
HAM20092	W MCMICKEN AV	BAYMILLER ST	FREEMAN AV	35	656.01	AC	182	91	GOOD	Y	
HAM27360	W MCMICKEN AV	BRIGHTON BRIDGE APPROACH	WARNER ST	36	449.75	AC	151	90	GOOD	Y	
HAM20006	W MCMICKEN AV	BYRON ST	BAYMILLER ST	37	696.89	AC	425	75	SATISFACTORY	Y	
HAM08330	W MCMICKEN AV	CLYMER AL	ELM ST	40	190.82	AC	141	90	GOOD	Y	
HAM08328	W MCMICKEN AV	COLBY AL	DUNLAP ST	41	104.13	AC	186	89	GOOD	Y	
HAM08325	W MCMICKEN AV	DUNLAP ST	HAMBURG ST	40	494.96	AC	116	64	FAIR	Y	
HAM25618	W MCMICKEN AV	ELIZA ST	MCNALLY ST	36	333.86	AC	213	45	POOR	Y	
HAM08329	W MCMICKEN AV	ELM ST	COLBY AL	40	161.37	AC	538	86	GOOD	Y	
HAM08495	W MCMICKEN AV	FENWICK AL	CLYMER AL	40	229.33	AC	133	87	GOOD	Y	
HAM32170	W MCMICKEN AV	FREEMAN AV	BRIGHTON BRIDGE APPROACH	37	931.70	AC	209	81	SATISFACTORY	Y	
HAM08337	W MCMICKEN AV	HAMBURG ST	NAGEL AL	41	261.65	AC	137	83	SATISFACTORY	Y	
HAM27328	W MCMICKEN AV	HOPPLE ST	TERM N OF HOPPLE ST	37	56.35	AC	650	79	SATISFACTORY	Y	
HAM19819	W MCMICKEN AV	KOTTMAN ST	STRAIGHT ST	35	442.94	AC	650	45	POOR	Y	
HAM20035	W MCMICKEN AV	MANCHESTER AV	BYRON ST	35	462.20	AC	340	75	SATISFACTORY	Y	
HAM27343	W MCMICKEN AV	MARSHALL AV	RIDDLE RD	34	1742.06	AC	287	61	FAIR	Y	
HAM19821	W MCMICKEN AV	MCNALLY ST	KOTTMAN ST	35	189.24	AC	161	51	POOR	Y	
HAM08324	W MCMICKEN AV	MOHAWK PL	MANCHESTER AV	35	126.16	AC	650	71	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM08338	W MCMICKEN AV	NAGEL AL	MOHAWK PL	42	60.03	AC	650	82	SATISFACTORY	Y	
HAM27358	W MCMICKEN AV	QUEEN CITY AL	W MCMILLAN ST	36	258.15	AC	534	60	FAIR	Y	
HAM08469	W MCMICKEN AV	RACE ST	FENWICK AL	40	166.67	AC	221	67	FAIR	Y	
HAM27297	W MCMICKEN AV	RIDDLE RD	HOPPLE ST	37	589.27	AC	512	66	FAIR	Y	
HAM19820	W MCMICKEN AV	STRAIGHT ST	TAFEL ST	37	282.22	AC	489	47	POOR	Y	
HAM25545	W MCMICKEN AV	TAFEL ST	MARSHALL AV	37	383.41	AC	389	54	POOR	Y	
HAM08496	W MCMICKEN AV	VINE ST	RACE ST	40	815.32	AC	313	81	SATISFACTORY	Y	
HAM27347	W MCMICKEN AV	W MCMILLAN ST	ELIZA ST	36	495.39	AC	379	77	SATISFACTORY	Y	
HAM27359	W MCMICKEN AV	WARNER ST	QUEEN CITY AL	36	111.02	AC	113	90	GOOD	Y	
HAM31214	W MCMILLAN ST	CEYLON AL	PITT AL	41	256.81	AC	283	68	FAIR	Y	ONE WAY
HAM21372	W MCMILLAN ST	CHICKASAW ST	STRATFORD AV	41	219.39	AC	182	91	GOOD	Y	
HAM19940	W MCMILLAN ST	CLIFF ST	OHIO AV	39	213.71	AC	274	76	SATISFACTORY	Y	ONE WAY
HAM19859	W MCMILLAN ST	CLIFTON AV	SCHORR AL	36	204.26	AC	330	95	GOOD	Y	ONE WAY
HAM21378	W MCMILLAN ST	CLIFTON AV	CHICKASAW ST	41	215.18	AC	601	93	GOOD	Y	
HAM19963	W MCMILLAN ST	E MCMILLAN ST	CEYLON AL	42	153.89	AC	650	75	SATISFACTORY	Y	ONE WAY
HAM19816	W MCMILLAN ST	FAIRVIEW PARK DR	CLEMMER AV	39	97.35	AC	445	40	VERY POOR	Y	
HAM21375	W MCMILLAN ST	FLORA ST	RAVINE ST	40	328.51	AC	579	91	GOOD	Y	
HAM57232	W MCMILLAN ST	KLEINE AL	SOUTH MARKET ST	30	404.84	AC	220	71	SATISFACTORY	Y	ONE WAY
HAM56611	W MCMILLAN ST	MOERLEIN AV	CLIFTON AV	36	594.29	AC	386	72	SATISFACTORY	Y	ONE WAY
HAM19939	W MCMILLAN ST	OHIO AV	KLEINE AL	37	158.55	AC	352	79	SATISFACTORY	Y	ONE WAY
HAM19903	W MCMILLAN ST	OLD MCMILLAN ST	FAIRVIEW PARK DR	41	879.13	AC	565	56	FAIR	Y	
HAM19959	W MCMILLAN ST	PITT AL	CLIFF ST	40	216.01	AC	269	73	SATISFACTORY	Y	ONE WAY
HAM27386	W MCMILLAN ST	QUEEN CITY AL	CENTRAL PKWY	45	611.40	AC	546	71	SATISFACTORY	Y	
HAM19858	W MCMILLAN ST	SCHORR AL	WHEELER ST	34	127.05	AC	423	93	GOOD	Y	ONE WAY
HAM57233	W MCMILLAN ST	SOUTH MARKET ST	MOERLEIN AV	30	111.01	AC	650	64	FAIR	Y	ONE WAY
HAM33135	W MCMILLAN ST	STRATFORD AV	VICTOR ST	41	221.60	AC	201	95	GOOD	Y	
HAM21376	W MCMILLAN ST	VICTOR ST	FLORA ST	40	225.44	AC	187	92	GOOD	Y	
HAM27350	W MCMILLAN ST	W MCMICKEN AV	QUEEN CITY AL	46	330.86	AC	619	82	SATISFACTORY	Y	
HAM19857	W MCMILLAN ST	WHEELER ST	CLIFTON AV	35	135.75	AC	650	91	GOOD	Y	ONE WAY
HAM09762	W MEHRING WY	CARR ST	HARRIET ST	34	606.82	AC	258	95	GOOD	Y	
HAM50962	W MEHRING WY	CENTRAL AV	WATER ST	60	258.57	PCC	542	81	SATISFACTORY	Y	
HAM56245	W MEHRING WY	E MEHRING WY	ELM ST	30	765.39	PCC	253	85	SATISFACTORY	Y	
HAM50963	W MEHRING WY	ELM ST	CENTRAL AV	60	1267.05	PCC	338	75	SATISFACTORY	Y	
HAM25721	W MEHRING WY	GAS AL	GEST ST	49	597.15	PCC	354	83	SATISFACTORY	Y	
HAM25942	W MEHRING WY	GEST ST	W 5TH ST	74	2129.84	PCC	224	89	GOOD	Y	
HAM09763	W MEHRING WY	HARRIET ST	W 6TH EB ST TO W MEHRING WY RAMP	29	778.73	AC	319	32	VERY POOR	Y	
HAM27545	W MEHRING WY	ROSE ST	GAS AL	50	620.73	PCC	337	69	FAIR	Y	
HAM27546	W MEHRING WY	SMITH ST	ROSE ST	54	533.49	PCC	363	76	SATISFACTORY	Y	
HAM25880	W MEHRING WY	W 5TH ST	CARR ST	30	668.30	AC	250	59	FAIR	Y	
HAM38179	W MEHRING WY	W 6TH EB ST TO W MEHRING WY RAMP	TERM W OF W 6TH EB ST TO W MEHRING WY RAMP	27	783.69	AC	650	63	FAIR	Y	
HAM50961	W MEHRING WY	WATER ST	SMITH ST	45	553.30	PCC	322	86	GOOD	Y	
HAM18116	W MITCHELL AV	DERBY AV	ORIENT AV	24	259.00	AC	245	94	GOOD	Y	
HAM18132	W MITCHELL AV	ESTE AV	DERBY AV	26	220.14	AC	650	78	SATISFACTORY	Y	
HAM18114	W MITCHELL AV	FLATT TER	EAST EPWORTH AV	24	264.50	AC	650	93	GOOD	Y	
HAM27214	W MITCHELL AV	KENARD AV	SPRING GROVE AV	77	680.01	AC	322	81	SATISFACTORY	Y	
HAM62272	W MITCHELL AV	KENARD AV	SPRING GROVE TO W MITCHELL AV RAMP	30	503.95	AC	191	84	SATISFACTORY	Y	
HAM27240	W MITCHELL AV	KESSLER AV	W MITCHELL AV TO I-75 NB EXWY RAMP	61	598.89	AC	228	80	SATISFACTORY	Y	
HAM18115	W MITCHELL AV	ORIENT AV	FLATT TER	24	273.73	AC	187	89	GOOD	Y	
HAM18344	W MITCHELL AV	SPRING GROVE AV	ESTE AV	50	1621.02	AC	498	70	FAIR	Y	
HAM27238	W MITCHELL AV	VINE ST	KESSLER AV	56	881.73	AC	261	75	SATISFACTORY	Y	
HAM27250	W MITCHELL AV	W MITCHELL AV TO I-75 NB EXWY RAMP	W MITCHELL AV TO I-75 SB EXWY RAMP	75	285.78	AC	228	93	GOOD	Y	
HAM27246	W MITCHELL AV	W MITCHELL AV TO I-75 SB EXWY RAMP	KENARD AV	70	1031.47	AC	315	65	FAIR	Y	
HAM27244	W MITCHELL AV TO I-75 SB EXWY RAMP	I-75 SB EXWY TO W MITCHELL AV RAMP	I-75 SB EXWY	26	2962.15	AC	402	94	GOOD	Y	ONE WAY
HAM02589	W NORTH BEND OVPS	W NORTH BEND RD	W NORTH BEND RD	46	525.04	AC	248	91	GOOD	Y	
HAM00935	W NORTH BEND RD	ARGUS RD	STELLA AV	52	190.01	AC	337	47	POOR	Y	
HAM00909	W NORTH BEND RD	ASPEN AV	BELLEAIR PL	35	265.14	AC	308	93	GOOD	Y	
HAM16896	W NORTH BEND RD	BANNING RD	CONNECTICUT AV	45	182.56	AC	344	73	SATISFACTORY	Y	
HAM00908	W NORTH BEND RD	BELLEAIR PL	SAVANNAH AV	36	195.64	AC	342	89	GOOD	Y	
HAM13703	W NORTH BEND RD	BETTS AV	WITHERBY AV	40	188.83	AC	328	75	SATISFACTORY	Y	
HAM00901	W NORTH BEND RD	CARY AV	ASPEN AV	36	495.83	AC	204	79	SATISFACTORY	Y	
HAM00035	W NORTH BEND RD	CEDAR AL	FAIRPARK AV	39	190.17	AC	189	91	GOOD	Y	
HAM14917	W NORTH BEND RD	CENTER HILL AV	WINTON RD	70	1010.10	AC	445	95	GOOD	Y	
HAM00933	W NORTH BEND RD	CINC|SPRGTP CORPLINE	HEMPWOOD AV	41	214.21	AC	255	31	VERY POOR	Y	
HAM13706	W NORTH BEND RD	CINC|SPRGTP CORPLINE	BETTS AV	39	120.57	AC	321	77	SATISFACTORY	Y	
HAM13709	W NORTH BEND RD	CINC|SPRGTP CORPLINE	SIMPSON AV	44	221.35	AC	197	84	SATISFACTORY	Y	
HAM54224	W NORTH BEND RD	CINC|SPRGTP CORPLINE	MARIE AV	57	143.47	AC	413	93	GOOD	Y	
HAM03759	W NORTH BEND RD	CINDY LN	VOGEL RD	42	307.20	AC	399	66	FAIR	Y	
HAM01831	W NORTH BEND RD	COLERAIN AV	EASTKNOLL CT	41	1023.62	AC	316	95	GOOD	Y	
HAM00905	W NORTH BEND RD	COLLEGEVUE PL	PAWNEE DR	37	310.39	AC	244	93	GOOD	Y	
HAM16894	W NORTH BEND RD	CONNECTICUT AV	BELMONT AV	45	212.17	AC	360	86	GOOD	Y	
HAM07669	W NORTH BEND RD	CORNELIA AV	VAN KIRK AV	39	643.06	AC	263	84	SATISFACTORY	Y	
HAM54223	W NORTH BEND RD	DALY RD	TERM W OF	56	390.74	AC	212	92	GOOD	Y	
HAM03536	W NORTH BEND RD	DANROTH CT	FOX RD	41	271.86	AC	330	44	POOR	Y	
HAM01834	W NORTH BEND RD	EASTKNOLL CT	PONDEROSA DR	42	494.18	AC	284	68	FAIR	Y	
HAM00932	W NORTH BEND RD	EDWOOD AV	LANTANA AV	40	835.75	AC	347	34	VERY POOR	Y	
HAM00033	W NORTH BEND RD	FAIRPARK AV	W NORTH BEND RD	29	294.81	AC	650	95	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM07687	W NORTH BEND RD	FAIRPARK AV	W NORTH BEND RD	40	229.83	AC	530	95	GOOD	Y	
HAM03715	W NORTH BEND RD	FOX RD	CINDY LN	41	619.12	AC	315	57	FAIR	Y	
HAM00904	W NORTH BEND RD	GLADYS AV	HAMILTON AV	50	366.93	AC	336	32	VERY POOR	Y	
HAM00903	W NORTH BEND RD	HAMILTON AV	CARY AV	36	698.81	AC	329	88	GOOD	Y	
HAM00915	W NORTH BEND RD	HEMPWOOD AV	EDWOOD AV	40	616.77	AC	257	35	VERY POOR	Y	
HAM02597	W NORTH BEND RD	KIPLINGTON DR	VAN LEUNEN DR	42	959.48	AC	177	79	SATISFACTORY	Y	
HAM02598	W NORTH BEND RD	KIRBY AV	W NORTH BEND RD	34	386.11	AC	569	56	FAIR	Y	ONE WAY
HAM00931	W NORTH BEND RD	LANTANA AV	GLADYS AV	40	1346.32	AC	285	37	VERY POOR	Y	
HAM00936	W NORTH BEND RD	MARIE AV	ARGUS RD	56	149.21	AC	285	54	POOR	Y	
HAM14903	W NORTH BEND RD	MILLWOOD LN	CENTER HILL AV	41	474.66	AC	226	65	FAIR	Y	
HAM00906	W NORTH BEND RD	OAKWOOD AV	COLLEGEVUE PL	36	143.59	AC	423	91	GOOD	Y	
HAM13704	W NORTH BEND RD	PAWNEE DR	CINC|SPRGTP CORPLINE	37	369.31	AC	322	89	GOOD	Y	
HAM01833	W NORTH BEND RD	PONDEROSA DR	DANROTH CT	42	456.69	AC	410	61	FAIR	Y	
HAM00907	W NORTH BEND RD	SAVANNAH AV	OAKWOOD AV	36	279.68	AC	277	91	GOOD	Y	
HAM30986	W NORTH BEND RD	SCARLETOAK DR	W NORTH BEND OVPS	42	229.03	AC	213	84	SATISFACTORY	Y	
HAM16898	W NORTH BEND RD	SIMPSON AV	KIPLING AV	45	675.06	AC	219	77	SATISFACTORY	Y	
HAM00934	W NORTH BEND RD	STELLA AV	CINC|SPRGTP CORPLINE	41	123.85	AC	355	32	VERY POOR	Y	
HAM65175	W NORTH BEND RD	TERM E OF	DILLWARD ST	36	703.62	PCC	307	80	SATISFACTORY	Y	
HAM11869	W NORTH BEND RD	THORNHILL AV	KIPLINGTON DR	41	745.51	AC	171	84	SATISFACTORY	Y	
HAM65176	W NORTH BEND RD	VAN KIRK AV	TERM W OF	36	169.83	AC	650	95	GOOD	Y	
HAM30985	W NORTH BEND RD	VAN LEUNEN DR	SCARLETOAK DR	39	359.93	AC	163	77	SATISFACTORY	Y	
HAM00036	W NORTH BEND RD	VINE ST	CEDAR AL	39	193.75	AC	330	90	GOOD	Y	
HAM01832	W NORTH BEND RD	W NORTH BEND OVPS	COLERAIN AV	43	681.60	AC	248	84	SATISFACTORY	Y	
HAM02586	W NORTH BEND RD	W NORTH BEND RD	KIRBY AV	35	288.32	AC	347	74	SATISFACTORY	Y	ONE WAY
HAM07670	W NORTH BEND RD	W NORTH BEND RD	CORNELIA AV	40	264.64	AC	230	91	GOOD	Y	
HAM13705	W NORTH BEND RD	WITHERBY AV	CINC|SPRGTP CORPLINE	41	470.49	AC	196	80	SATISFACTORY	Y	
HAM09523	W OBSERVATORY HILL AV	OBSERVATORY AV	E OBSERVATORY HILL AV	25	740.11	AC	650	59	FAIR	Y	
HAM34641	W OGDEN PL	VINE ST	RACE ST	19	474.80	AC	650	67	FAIR	Y	ONE WAY
HAM25837	W ONEIDIA AL	BALDWIN AL	RACE ST	10	129.86		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM25836	W ONEIDIA AL	DOERR AL	BALDWIN AL	11	214.69		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM25979	W ONEIDIA AL	RACE ST	TERM W OF RACE ST	8	188.84		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM25739	W ONEIDIA AL	VINE ST	DOERR AL	11	128.27		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM27567	W PETE ROSE WY	CENTRAL AV	W 2ND ST	45	801.19	AC	267	72	SATISFACTORY	Y	
HAM25719	W PETE ROSE WY	GAS AL	GEST ST	40	505.77	AC	650	65	FAIR	Y	
HAM27570	W PETE ROSE WY	ROSE ST	GAS AL	41	658.92	AC	293	79	SATISFACTORY	Y	
HAM50027	W PETE ROSE WY	TERM E OF CENTRAL AV	CENTRAL AV	49	1334.07	PCC	365	72	SATISFACTORY	Y	
HAM27568	W PETE ROSE WY	W 2ND ST	ROSE ST	40	477.23	AC	313	80	SATISFACTORY	Y	
HAM39151	W ROCHELLE ST	GLENDORA AV	TERM W OF GLENDORA AV	36	196.99	AC	650	83	SATISFACTORY	Y	UNCOLLECTED PORTION BLOCKED BY GATE
HAM35810	W ROOKWOOD CT	TERM SW OF ROOKWOOD DR	W ROOKWOOD DR	24	506.65	AC	650	44	POOR	Y	
HAM00021	W ROOKWOOD DR	ROOKWOOD DR	E ROOKWOOD DR	21	661.02	AC	293	32	VERY POOR	Y	
HAM07694	W SEYMOUR AV	BOAKE AL	ROSEWOOD ST	35	229.39	AC	547	88	GOOD	Y	
HAM07702	W SEYMOUR AV	CEDAR AL	FAIRPARK AV	42	189.60	AC	202	95	GOOD	Y	
HAM29627	W SEYMOUR AV	CINC|SPRGTP CORPLINE	W NORTH BEND RD	19	1838.17	AC	306	40	VERY POOR	Y	
HAM60433	W SEYMOUR AV	DILLWARD PL	ESTE AV	42	1121.07	PCC	313	71	SATISFACTORY	Y	
HAM60434	W SEYMOUR AV	DILLWARD ST	DILLWARD PL	42	250.44	PCC	342	75	SATISFACTORY	Y	
HAM29608	W SEYMOUR AV	ESTE AV	CINC|SPRGTP CORPLINE	20	3147.03	AC	209	35	VERY POOR	Y	
HAM07699	W SEYMOUR AV	FAIRPARK AV	WILLOW AL	43	192.86	AC	650	92	GOOD	Y	
HAM07697	W SEYMOUR AV	ROSEWOOD ST	DILLWARD ST	30	231.26	PCC	650	86	GOOD	Y	
HAM07695	W SEYMOUR AV	VAN KIRK AV	BOAKE AL	36	390.81	AC	232	93	GOOD	Y	
HAM07703	W SEYMOUR AV	VINE ST	CEDAR AL	41	195.83	AC	472	91	GOOD	Y	
HAM07701	W SEYMOUR AV	WILLOW AL	VAN KIRK AV	36	293.02	AC	263	92	GOOD	Y	
HAM14869	W UNIVERSITY AV	GLENDORA AV	JEFFERSON AV	36	265.91	AC	650	36	VERY POOR	Y	
HAM08024	W UNIVERSITY AV	SHORT VINE ST	GLENDORA AV	36	193.84	AC	248	60	FAIR	Y	
HAM32055	WABASH AV	CLARION AV	DANA AV	31	587.67	AC	650	36	VERY POOR	Y	
HAM07710	WABASH AV	CRANE AV	DUCK CREEK RD	24	507.69	AC	650	72	SATISFACTORY	Y	
HAM37341	WABASH AV	DUCK CREEK RD	TERM N OF DUCK CREEK RD	30	282.03	AC	650	16	SERIOUS	Y	
HAM07722	WABASH AV	HEWITT AV	CRANE AV	31	1238.20	AC	520	66	FAIR	Y	
HAM37344	WABASH AV	TERM S OF CLARION AV	CLARION AV	29	397.24	AC	650	47	POOR	Y	
HAM08391	WADE ST	BARD AL	JOHN ST	23	120.81		-1	-1		N	DOES NOT EXIST
HAM08393	WADE ST	CENTRAL AV	KUHFERS AL	24	129.07		-1	-1		N	DOES NOT EXIST
HAM30703	WADE ST	CLAYERS LN	EAST LAUREL PARK DR	30	123.00	AC	334	64	FAIR	Y	
HAM30636	WADE ST	EAST LAUREL PARK DR	WEST LAUREL PARK DR	30	90.00	AC	238	64	FAIR	Y	
HAM30641	WADE ST	ELM ST	FALL AL	26	127.68	AC	650	41	POOR	Y	
HAM08390	WADE ST	FALL AL	THUBER AL	25	162.30	AC	650	45	POOR	Y	
HAM30702	WADE ST	JOHN ST	CLAYERS LN	31	180.77	AC	598	81	SATISFACTORY	Y	
HAM30744	WADE ST	JONES ST	LINN ST	31	225.11	AC	650	88	GOOD	Y	
HAM08395	WADE ST	KUHFERS AL	BARD AL	23	221.96		-1	-1		N	DOES NOT EXIST
HAM30743	WADE ST	PINECONE LN	JONES ST	33	251.30	AC	650	94	GOOD	Y	
HAM08415	WADE ST	THUBER AL	CENTRAL PKWY	24	135.03	AC	650	50	POOR	Y	
HAM30740	WADE ST	WEST LAUREL PARK DR	PINECONE LN	30	123.00	AC	252	87	GOOD	Y	
HAM55687	WADE WALK	BAYMILLER WALK	DUDLEY WALK	16	308.25	PCC	650	62	FAIR	Y	
HAM38480	WADE WALK	WADE ST	BAYMILLER WALK	16	538.89	PCC	517	67	FAIR	Y	UNCOLLECTED PORTION BLOCKED BY GATE
HAM14721	WADSBURY DR	ECHO LN	KNOTTYPINE DR	28	324.82	AC	385	70	FAIR	Y	
HAM39092	WADSBURY DR	TERM S OF ECHO LN	ECHO LN	28	162.74	AC	650	83	SATISFACTORY	Y	
HAM19869	WAGNER ST	LUNA AV	TAFEL ST	4	280.71		-1	-1		N	BOOTS ON THE GROUND / STAIRCASE
HAM39244	WAGNER ST	TAFEL ST	TERM N OF TAFEL ST	28	285.71	AC	580	75	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM38743	WAHL TER	TERM SE OF HOMESTEAD PL	HOMESTEAD PL	21	643.56	AC	639	65	FAIR	Y	
HAM06193	WAITS AV	ALLEY #10	KELLOGG AV	36	120.60	AC	650	78	SATISFACTORY	Y	
HAM22739	WAITS AV	BERTE ST	BRYSON ST	14	302.98	AC	650	86	GOOD	Y	
HAM06183	WAITS AV	BRYSON ST	CROSLIN ST	21	301.68	AC	298	86	GOOD	Y	
HAM06182	WAITS AV	CROSLIN ST	LINNEMAN ST	22	577.80	AC	440	85	SATISFACTORY	Y	
HAM06194	WAITS AV	LINNEMAN ST	ALLEY #10	37	141.44	AC	426	77	SATISFACTORY	Y	
HAM09414	WAKEFIELD DR	DEVONSHIRE DR	TWEED AV	25	786.39	AC	428	92	GOOD	Y	
HAM09526	WAKEFIELD DR	SPRINGHILL LN	DEVONSHIRE DR	24	441.00	AC	496	91	GOOD	Y	
HAM37993	WALDWAY LN	TERM S OF VENETIAN TER	VENETIAN TER	24	395.60	AC	650	56	FAIR	Y	
HAM37996	WALDWAY LN	VENETIAN TER	TERM N OF VENETIAN TER	25	861.84	AC	650	53	POOR	Y	
HAM20373	WALKER ST	TERM S OF SYCAMORE ST	SYCAMORE ST	24	1110.18	AC	650	78	SATISFACTORY	Y	
HAM05356	WALLACE AV	GOLDEN AV	TERM E OF GOLDEN AV	17	474.47	AC	650	39	VERY POOR	Y	
HAM18256	WALLS ST	SHIRLEY DR	GLEN ESTE PL	24	269.09	AC	650	35	VERY POOR	Y	
HAM38369	WALLS ST	TERM S OF SHIRLEY DR	SHIRLEY DR	20	141.77	AC	650	42	POOR	Y	
HAM05681	WALNUT ST	CORWINE ST	BACK ST	36	343.30	AC	532	48	POOR	Y	ONE WAY
HAM09072	WALNUT ST	E 12TH ST	E 13TH ST	34	431.18	AC	650	89	GOOD	Y	ONE WAY
HAM32231	WALNUT ST	E 13TH ST	MERCER ST	35	315.67	AC	182	94	GOOD	Y	ONE WAY
HAM08957	WALNUT ST	E 14TH ST	E 15TH ST	36	386.34	AC	209	94	GOOD	Y	ONE WAY
HAM08556	WALNUT ST	E 15TH ST	E LIBERTY ST	37	194.58	AC	416	72	SATISFACTORY	Y	ONE WAY
HAM28025	WALNUT ST	E 3RD ST	E 4TH ST	47	463.22	AC	250	49	POOR	Y	ONE WAY
HAM34633	WALNUT ST	E 4TH ST	E 5TH ST	44	408.74	AC	279	67	FAIR	Y	ONE WAY
HAM09063	WALNUT ST	E 5TH ST	GOVERNMENT PL	50	274.96	AC	306	79	SATISFACTORY	Y	ONE WAY
HAM09062	WALNUT ST	E 6TH ST	GANO ST	41	230.75	AC	215	87	GOOD	Y	ONE WAY
HAM09060	WALNUT ST	E 7TH ST	E ONEIDIA AL	41	137.81	AC	190	85	SATISFACTORY	Y	ONE WAY
HAM09069	WALNUT ST	E 8TH ST	E 9TH ST	40	352.43	AC	354	87	GOOD	Y	ONE WAY
HAM09068	WALNUT ST	E 9TH ST	PRIOR ST	42	179.21	AC	650	66	FAIR	Y	ONE WAY
HAM09067	WALNUT ST	E CENTRAL PKWY	WILKYMACKY AL	42	310.92	AC	292	92	GOOD	Y	ONE WAY
HAM09070	WALNUT ST	E COURT ST	E CENTRAL PKWY	39	328.40	AC	407	72	SATISFACTORY	Y	ONE WAY
HAM05675	WALNUT ST	E LIBERTY ST	CORWINE ST	39	210.05	AC	436	87	GOOD	Y	ONE WAY
HAM09059	WALNUT ST	E ONEIDIA AL	E 8TH ST	38	138.95	AC	201	78	SATISFACTORY	Y	ONE WAY
HAM09061	WALNUT ST	GANO ST	E 7TH ST	41	228.14	AC	317	41	POOR	Y	ONE WAY
HAM09064	WALNUT ST	GOVERNMENT PL	E 6TH ST	53	248.31	AC	277	66	FAIR	Y	ONE WAY
HAM08958	WALNUT ST	MERCER ST	E 14TH ST	36	233.99	AC	158	94	GOOD	Y	ONE WAY
HAM09066	WALNUT ST	PRIOR ST	E COURT ST	42	151.85	AC	420	80	SATISFACTORY	Y	ONE WAY
HAM09065	WALNUT ST	WILKYMACKY AL	E 12TH ST	41	111.13	AC	263	65	FAIR	Y	ONE WAY
HAM20278	WALSH AL	RICE ST	CALUMET ST	12	473.67	PCC	650	20	SERIOUS	Y	
HAM39584	WALTER AV	ALTOONA ST	TERM NE OF ALTOONA ST	24	372.75	AC	650	84	SATISFACTORY	Y	
HAM21612	WALTER AV	BUENA VISTA PL	ALTOONA ST	29	339.44	AC	420	76	SATISFACTORY	Y	ONE WAY
HAM24219	WALTON AL	WILKINSON ST	TERM N OF WILKINSON ST	11	117.58		-1	-1		N	UNPAVED ROAD
HAM05407	WALWORTH AV	TERM NW OF DELTA AV	DELTA AV	23	2123.99	AC	463	71	SATISFACTORY	Y	
HAM22074	WARD ST	CHANDLER ST	CORNISH ST	24	543.14	AC	339	100	GOOD	Y	
HAM06579	WARD ST	CLEPHANE AV	UNNAMED AL	27	155.06	AC	502	59	FAIR	Y	
HAM22073	WARD ST	CORNISH ST	DAHLGREN ST	24	523.00	AC	400	100	GOOD	Y	
HAM09593	WARD ST	DESMOND ST	UNNAMED AL	23	204.94	AC	468	100	GOOD	Y	
HAM00534	WARD ST	MADISON RD	UNNAMED AL	22	200.86	AC	551	100	GOOD	Y	
HAM33875	WARD ST	PRENTICE ST	MADISON RD	22	346.45	AC	650	48	POOR	Y	ONE WAY
HAM06550	WARD ST	ROE ST	UNNAMED AL	29	161.87	AC	650	47	POOR	Y	
HAM00511	WARD ST	SIERRA ST	UNNAMED AL	22	182.49	AC	212	100	GOOD	Y	
HAM38208	WARD ST	TERM S OF PRENTICE ST	PRENTICE ST	27	625.91	AC	487	65	FAIR	Y	
HAM00516	WARD ST	UNNAMED AL	SIERRA ST	22	149.83	AC	604	100	GOOD	Y	
HAM00553	WARD ST	UNNAMED AL	CHANDLER ST	22	186.25	AC	650	100	GOOD	Y	
HAM06576	WARD ST	UNNAMED AL	ERIE AV	28	219.25	AC	650	57	FAIR	Y	
HAM06584	WARD ST	UNNAMED AL	CLEPHANE AV	28	159.08	AC	399	46	POOR	Y	
HAM09591	WARD ST	UNNAMED AL	DESMOND ST	23	160.81	AC	336	100	GOOD	Y	
HAM15880	WARDALL AV	BOUDINOT AV	TERM W OF	25	187.44	AC	650	91	GOOD	Y	
HAM15879	WARDALL AV	CHALLEN ST	BOUDINOT AV	30	296.98	AC	650	55	POOR	Y	
HAM15628	WARDALL AV	EPWORTH AV	CHALLEN ST	30	731.93	AC	307	67	FAIR	Y	
HAM15347	WARDALL AV	HIGH POINT AV	EPWORTH AV	30	389.50	AC	413	72	SATISFACTORY	Y	
HAM15420	WARDALL AV	WESTWOOD NORTHERN BLVD	HIGH POINT AV	31	764.31	AC	575	66	FAIR	Y	
HAM27829	WAREHAM DR	ELSINORE AV	HATCH ST	36	614.43	AC	447	50	POOR	Y	
HAM26159	WAREHAM DR	HATCH ST	PARADROME ST	35	271.02	AC	647	45	POOR	Y	
HAM27830	WAREHAM DR	VAN METER ST	ELSINORE AV	30	1032.40	AC	399	32	VERY POOR	Y	
HAM19886	WARNER ST	CHICKASAW ST	STRATFORD AV	35	220.20	AC	289	39	VERY POOR	Y	
HAM20055	WARNER ST	CLIFTON AV	SCHORR AL	22	126.21	AC	650	46	POOR	Y	
HAM19881	WARNER ST	COON ST	RAVINE ST	36	164.18	AC	650	45	POOR	Y	
HAM33848	WARNER ST	FAIRVIEW AV	TERM W OF FAIRVIEW AV	23	149.71	AC	650	85	SATISFACTORY	Y	
HAM27346	WARNER ST	FAIRVIEW PARK DR	W MCMICKEN AV	3	506.46		-1	-1		N	BOOTS ON THE GROUND / PEDESTRIAN PATHWAY
HAM19882	WARNER ST	FLORA ST	COON ST	36	164.45	AC	435	47	POOR	Y	
HAM20065	WARNER ST	MOERLEIN AV	SAUER AV	23	216.53	AC	321	50	POOR	Y	
HAM25616	WARNER ST	MURIEL CT	FAIRVIEW AV	30	336.46	AC	479	40	VERY POOR	Y	
HAM20066	WARNER ST	OHIO AV	MOERLEIN AV	24	494.65	AC	650	39	VERY POOR	Y	
HAM19895	WARNER ST	RAVINE ST	MURIEL CT	30	588.24	AC	650	43	POOR	Y	
HAM19887	WARNER ST	ROHS ST	CHICKASAW ST	36	221.37	AC	295	35	VERY POOR	Y	
HAM20056	WARNER ST	SAUER AV	CLIFTON AV	23	270.19	AC	650	43	POOR	Y	
HAM20054	WARNER ST	SCHORR AL	WHEELER ST	24	128.94	AC	288	57	FAIR	Y	
HAM19884	WARNER ST	STRATFORD AV	VICTOR ST	36	218.18	AC	339	48	POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM19883	WARNER ST	VICTOR ST	FLORA ST	36	224.01	AC	261	42	POOR	Y	
HAM20053	WARNER ST	WHEELER ST	ROHS ST	35	239.84	AC	370	35	VERY POOR	Y	
HAM10349	WARREN AV	CLIFTON AV	MIDDLETON AV	30	983.64	AC	650	67	FAIR	Y	
HAM39537	WARREN AV	MIDDLETON AV	TERM W OF MIDDLETON AV	30	651.62	AC	650	76	SATISFACTORY	Y	
HAM13086	WARRICK ST	STAFFORD ST	SETTLE ST	17	181.66	AC	650	21	SERIOUS	Y	
HAM13083	WARRICK ST	WINONA TER	STAFFORD ST	17	231.27	AC	353	35	VERY POOR	Y	
HAM02093	WARSAW AV	CARSON AV	ROSS AV	40	628.93	AC	297	44	POOR	Y	
HAM02506	WARSAW AV	CONSIDINE AV	PURCELL AV	40	337.92	AC	339	74	SATISFACTORY	Y	
HAM02504	WARSAW AV	DEL MONTE PL	MANSION AV	39	283.52	AC	332	57	FAIR	Y	
HAM02512	WARSAW AV	FAIRBANKS AV	WELLS ST	40	323.47	AC	297	67	FAIR	Y	
HAM02508	WARSAW AV	GRAND AV	HAWTHORNE AV	43	351.97	AC	572	48	POOR	Y	
HAM02507	WARSAW AV	HAWTHORNE AV	CONSIDINE AV	40	301.10	AC	533	71	SATISFACTORY	Y	
HAM02515	WARSAW AV	KINGSTON PL	UNDERWOOD PL	44	274.52	AC	430	49	POOR	Y	
HAM02503	WARSAW AV	MANSION AV	WOODLAWN AV	40	272.04	AC	309	74	SATISFACTORY	Y	
HAM02514	WARSAW AV	MCPHERSON AV	STURM ST	40	397.69	AC	363	56	FAIR	Y	
HAM02509	WARSAW AV	PARKSON PL	GRAND AV	44	282.96	AC	590	37	VERY POOR	Y	
HAM01751	WARSAW AV	PEERLESS ST	KINGSTON PL	44	1159.81	AC	355	55	POOR	Y	
HAM02505	WARSAW AV	PURCELL AV	DEL MONTE PL	40	288.13	AC	345	62	FAIR	Y	
HAM11713	WARSAW AV	ST LAWRENCE AV	CARSON AV	40	499.75	AC	650	48	POOR	Y	
HAM02513	WARSAW AV	STURM ST	ST LAWRENCE AV	39	173.94	AC	614	82	SATISFACTORY	Y	
HAM02510	WARSAW AV	UNDERWOOD PL	PARKSON PL	44	279.54	AC	370	46	POOR	Y	
HAM30900	WARSAW AV	WARSAW AV TO W 6TH EB ST RAMP	WILDER AV	40	1179.54	AC	541	64	FAIR	Y	
HAM02511	WARSAW AV	WELLS ST	MCPHERSON AV	41	325.92	AC	552	59	FAIR	Y	
HAM01750	WARSAW AV	WILDER AV	PEERLESS ST	46	596.82	AC	435	58	FAIR	Y	
HAM02502	WARSAW AV	WOODLAWN AV	FAIRBANKS AV	40	293.51	AC	334	73	SATISFACTORY	Y	
HAM60959	WARSAW AV TO W 6TH EB ST RAMP	RIVER WB RD TO WARSAW AV RAMP	ELBERON AV TO W 6TH EB RAMP	30	1690.82	PCC	196	98	GOOD	Y	ONE WAY
HAM00140	WARWICK AV	CLINTON SPRINGS AV	E MITCHELL AV	24	1303.71	AC	404	90	GOOD	Y	ONE WAY
HAM02887	WASHBURN ST	VIRGINIA AV	BADGELEY ST	26	394.42	AC	650	54	POOR	Y	
HAM06039	WASHINGTON AV	CAMDEN AV	NORWAY AV	28	201.35	AC	190	54	POOR	Y	
HAM06035	WASHINGTON AV	FOREST AV	GLENWOOD AV	28	1018.23	AC	296	85	SATISFACTORY	Y	
HAM06036	WASHINGTON AV	GHOLSON AV	CAMDEN AV	27	463.23	AC	508	55	POOR	Y	
HAM06034	WASHINGTON AV	GLENWOOD AV	GHOLSON AV	28	497.55	AC	503	64	FAIR	Y	
HAM18249	WASHINGTON AV	GREENWOOD AV	CLINTON SPRINGS AV	36	1091.75	AC	191	64	FAIR	Y	
HAM06038	WASHINGTON AV	NORWAY AV	GREENWOOD AV	37	476.23	AC	242	62	FAIR	Y	
HAM34659	WASHINGTON AV	ROCKDALE AV	FOREST AV	29	413.12	AC	398	93	GOOD	Y	
HAM14826	WASIGO DR	ELMDALE DR	RANCHVALE DR	25	340.80	AC	421	33	VERY POOR	Y	
HAM14750	WASIGO DR	KEWANEE LN	BEECHMONT AV	25	589.29	AC	650	51	POOR	Y	
HAM14825	WASIGO DR	RANCHVALE DR	WENATCHEE LN	25	577.89	AC	479	36	VERY POOR	Y	
HAM38264	WASIGO DR	TERM NW OF ELMDALE DR	ELMDALE DR	25	857.46	AC	528	46	POOR	Y	
HAM14749	WASIGO DR	WENATCHEE LN	KEWANEE LN	25	281.55	AC	650	37	VERY POOR	Y	
HAM12735	WASSON RD	DRAKE AV	DRAKEWOOD DR	30	428.47	AC	650	50	POOR	Y	
HAM12717	WASSON RD	DRAKEWOOD DR	ISABELLA AV	44	205.65	AC	423	79	SATISFACTORY	Y	
HAM34846	WASSON RD	EASTERN HILLS LN	MARBURG SQUARE LN	41	288.96	AC	213	58	FAIR	Y	
HAM19745	WASSON RD	EDWARDS RD	MICHIGAN AV	39	450.26	AC	634	42	POOR	Y	
HAM19722	WASSON RD	HYDE PARK AV	MONTEITH AV	29	213.75	AC	330	53	POOR	Y	
HAM19704	WASSON RD	MAPLE PARK AV	WOODLAND AV	30	157.92	AC	266	40	VERY POOR	Y	
HAM34847	WASSON RD	MARBURG SQUARE LN	MARBURG AV	40	297.29	AC	428	80	SATISFACTORY	Y	
HAM19655	WASSON RD	MICHIGAN AV	MAPLE PARK AV	30	226.39	AC	244	46	POOR	Y	
HAM17449	WASSON RD	MONTEITH AV	DRAKE AV	29	237.70	AC	560	37	VERY POOR	Y	
HAM12718	WASSON RD	PAXTON AV	EASTERN HILLS LN	41	2515.52	AC	399	49	POOR	Y	
HAM32107	WASSON RD	WOODLAND AV	HYDE PARK AV	30	604.74	AC	264	42	POOR	Y	
HAM28059	WATER ST	W MEHRING WY	SMITH ST	36	563.80	PCC	650	29	VERY POOR	Y	
HAM05368	WATSON ST	BABB AL	RIVERSIDE DR	30	134.78	AC	650	93	GOOD	Y	
HAM05451	WATSON ST	TERM SW OF BABB AL	BABB AL	28	736.88	AC	446	90	GOOD	Y	
HAM35813	WATTERSON ST	BRAMBLE AV	TERM N OF BRAMBLE AV	21	721.44	AC	485	93	GOOD	Y	
HAM06608	WATTERSON ST	ISLINGTON AV	BRAMBLE AV	25	700.66	AC	208	92	GOOD	Y	
HAM06834	WATTERSON ST	WATTERSON RD	ISLINGTON AV	25	320.33	AC	650	93	GOOD	Y	
HAM25982	WATTS AL	W 8TH ST	WEAVER AL	9	129.94		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM25946	WATTS AL	W 9TH ST	RICHMOND ST	7	168.23		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM25983	WATTS AL	WEAVER AL	W 9TH ST	10	132.56		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS / BRICK
HAM08086	WAVELAND PL	KNOX ST	TERM N OF KNOX ST	12	278.24		-1	-1		N	BLOCKED BY BARRICADE
HAM34990	WAVERLY AV	ADLER ST	BLAINE RD	21	389.61	AC	261	91	GOOD	Y	
HAM08143	WAVERLY AV	BEEKMAN ST	BLOOM ST	31	188.84	AC	650	61	FAIR	Y	
HAM08142	WAVERLY AV	BLOOM ST	PINETREE ST	36	687.82	AC	270	70	FAIR	Y	
HAM08140	WAVERLY AV	PINETREE ST	ADLER ST	30	768.98	AC	257	89	GOOD	Y	
HAM37432	WAYMONT LN	BELMONT AV	TERM N OF BELMONT AV	24	235.94	AC	650	52	POOR	Y	
HAM24221	WAYNE ST	BOONE ST	PRESLEY AL	30	135.09	AC	650	37	VERY POOR	Y	
HAM07909	WAYNE ST	CONCORD ST	COPELEN ST	29	439.74	AC	650	38	VERY POOR	Y	
HAM07945	WAYNE ST	CRANSTON AL	KENTON ST	29	135.87	AC	650	50	POOR	Y	
HAM27946	WAYNE ST	DOVER ST	SYMMES ST	21	353.04	AC	650	57	FAIR	Y	
HAM07947	WAYNE ST	FARRAN AL	CONCORD ST	31	135.16	AC	650	37	VERY POOR	Y	
HAM07946	WAYNE ST	KENTON ST	FARRAN AL	30	135.87	AC	650	44	POOR	Y	
HAM07944	WAYNE ST	MAY ST	CRANSTON AL	29	134.05	AC	650	52	POOR	Y	
HAM24222	WAYNE ST	PRESLEY AL	MAY ST	30	135.27	AC	546	21	SERIOUS	Y	
HAM24202	WAYNE ST	TERHUNE AL	BOONE ST	30	125.16	AC	650	37	VERY POOR	Y	
HAM38569	WAYNE ST	TERM W OF TERHUNE AL	TERHUNE AL	30	37.22	AC	650	62	FAIR	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM14622	WAYSIDE AV	ADENA TRL	APPLE HILL RD	18	1116.81	AC	276	30	VERY POOR	Y	
HAM14630	WAYSIDE AV	APPLE HILL RD	DEAN CT	17	2854.57	AC	333	45	POOR	Y	
HAM14274	WAYSIDE AV	BARG LN	WAYSIDE PL	21	129.75	AC	312	62	FAIR	Y	
HAM14322	WAYSIDE AV	DEAN CT	BARG LN	19	158.34	AC	304	47	POOR	Y	
HAM20450	WAYSIDE AV	SALEM RD	WHISPER LN	19	1126.27	AC	422	59	FAIR	Y	
HAM14275	WAYSIDE AV	WAYSIDE PL	SUTTON AV	17	1101.70	AC	636	56	FAIR	Y	
HAM14241	WAYSIDE AV	WHISPER LN	ADENA TRL	17	818.92	AC	190	42	POOR	Y	
HAM14269	WAYSIDE CT	DELIQUIA DR	MOONKIST CT	24	288.13	AC	650	52	POOR	Y	
HAM14262	WAYSIDE CT	MEADOWBRIGHT LN	DELIQUIA DR	24	290.02	AC	650	65	FAIR	Y	
HAM14268	WAYSIDE CT	MOONKIST CT	CRISTWAY CT	24	292.22	AC	312	75	SATISFACTORY	Y	
HAM38250	WAYSIDE CT	TERM W OF WAYSIDE PL	WAYSIDE PL	24	384.45	AC	650	60	FAIR	Y	
HAM14270	WAYSIDE CT	WAYSIDE PL	MEADOWBRIGHT LN	24	298.27	AC	499	59	FAIR	Y	
HAM14337	WAYSIDE PL	WAYSIDE AV	WAYSIDE CT	24	693.86	AC	601	58	FAIR	Y	
HAM38254	WAYSIDE PL	WAYSIDE CT	TERM NW OF WAYSIDE CT	25	358.39	AC	650	70	FAIR	Y	
HAM28237	WAYWARD WINDS DR	HOKEL LN	BONNIE DR	25	378.92	AC	370	93	GOOD	Y	
HAM25824	WEAVER AL	BALDWIN AL	RACE ST	11	126.15		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM25823	WEAVER AL	DOERR AL	BALDWIN AL	8	214.45		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM25986	WEAVER AL	ELM ST	GOSHEN AL	7	134.02		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM25987	WEAVER AL	GOSHEN AL	WATTS AL	6	190.35		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM25977	WEAVER AL	IRA AL	ELM ST	4	339.29	BR	650	-1		Y	ONE WAY
HAM25825	WEAVER AL	RACE ST	IRA AL	6	129.92	BR	650	-1		Y	ONE WAY
HAM25988	WEAVER AL	WATTS AL	PLUM ST	6	140.66		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM38091	WEBBLAND PL	MONTGOMERY RD	TERM N OF MONTGOMERY RD	19	758.19	AC	650	48	POOR	Y	
HAM01927	WEBER LN	GILSEY AV	ROSEMONT AV	18	433.17	AC	650	91	GOOD	Y	ONE WAY
HAM28150	WEBER PL	UNNAMED AL	HOFFNER ST	21	489.88	AC	650	44	POOR	Y	
HAM38615	WEBER ST	TERM E OF BORDEN ST	BORDEN ST	31	334.23	AC	525	95	GOOD	Y	
HAM38548	WEBMAN CT	BEEKMAN ST	TERM SW OF BEEKMAN ST	21	897.17	AC	370	63	FAIR	Y	
HAM18212	WEDGEWOOD AV	GLENCROSS AV	PARKER PL	26	346.52	AC	315	88	GOOD	Y	
HAM18214	WEDGEWOOD AV	LOWRY AV	DICKSON AV	26	350.72	AC	382	77	SATISFACTORY	Y	
HAM18213	WEDGEWOOD AV	PARKER PL	LOWRY AV	26	352.75	AC	478	45	POOR	Y	
HAM37688	WEGMAN AV	HEYWARD ST	TERM N OF HEYWARD ST	27	217.36	PCC	650	89	GOOD	Y	
HAM39603	WEHRMAN AV	WHITTIER ST	TERM S OF WHITTIER ST	30	168.99	AC	650	41	POOR	Y	
HAM01767	WEIGOLD AV	DANE AV	FERGUS ST	24	847.68	AC	327	95	GOOD	Y	
HAM01768	WEIPUL AL	DANE AV	FERGUS ST	13	884.19	AC	650	61	FAIR	Y	
HAM07917	WELLINGTON PL	TERM W OF AUBURN AV	AUBURN AV	31	811.82	AC	600	68	FAIR	Y	
HAM02062	WELLS ST	PRICE AV	WARSAW AV	31	1093.90	AC	459	61	FAIR	Y	
HAM02365	WELLS ST	SEDLER ST	W 8TH ST	31	980.22	AC	483	75	SATISFACTORY	Y	
HAM39198	WELLS ST	TERM S OF SEDLER ST	SEDLER ST	16	195.87	AC	650	52	POOR	Y	
HAM09476	WELLS ST	W 8TH ST	PRICE AV	30	564.81	AC	356	82	SATISFACTORY	Y	
HAM02061	WELLS ST	WARSAW AV	GLENWAY AV	30	1239.45	AC	563	82	SATISFACTORY	Y	
HAM39175	WELLSTON PL	OBSERVATORY AV	TERM N OF OBSERVATORY AV	24	545.76	AC	650	37	VERY POOR	Y	
HAM38241	WELTNER ST	ALPHA ST	TERM N OF ALPHA ST	23	66.69	AC	650	100	GOOD	Y	
HAM13110	WELTNER ST	CHANDLER ST	ALPHA ST	24	751.36	AC	388	100	GOOD	Y	
HAM11585	WELTON ST	ORCHARD LN	BANTRY AV	19	555.75	AC	603	55	POOR	Y	
HAM38263	WENATCHEE LN	WASIGO DR	TERM N OF WASIGO DR	25	726.60	AC	448	55	POOR	Y	
HAM37153	WENDEE DR	ERLENE DR	TERM N OF ERLENE DR	36	180.17	AC	650	62	FAIR	Y	
HAM37154	WENDEE DR	TERM SW OF ERLENE DR	ERLENE DR	36	548.39	AC	434	61	FAIR	Y	
HAM38877	WENDOVER CT	TERM SW OF LINDA DR	LINDA DR	23	242.67	AC	534	85	SATISFACTORY	Y	
HAM54445	WENINGER CIR	TERM S OF W COURT ST	W COURT ST	69	295.95	AC	433	95	GOOD	Y	
HAM05372	WENNER ST	BABB AL	RIVERSIDE DR	29	140.07	AC	646	40	VERY POOR	Y	
HAM05452	WENNER ST	TERM SW OF BABB AL	BABB AL	29	713.31	AC	650	31	VERY POOR	Y	
HAM34715	WENTWORTH AV	BISHOP ST	BROOKLINE AV	30	612.35	AC	542	88	GOOD	Y	
HAM03254	WERK RD	BELDEN CIR	ROOSEVELT AV	42	275.82	AC	373	40	VERY POOR	Y	
HAM03066	WERK RD	BOUDINOT AV	RUTH AV	32	1140.12	AC	264	49	POOR	Y	
HAM03060	WERK RD	DUNAWAY AV	MCKINLEY AV	25	358.06	AC	306	40	VERY POOR	Y	
HAM03062	WERK RD	EPWORTH AV	BOUDINOT AV	25	984.68	AC	392	37	VERY POOR	Y	
HAM03059	WERK RD	EUGENIE LN	DUNAWAY AV	26	328.75	AC	229	35	VERY POOR	Y	
HAM03063	WERK RD	FERGUSON RD	EPWORTH AV	24	331.02	AC	313	39	VERY POOR	Y	
HAM01840	WERK RD	GLENMORE AV	BELDEN CIR	48	654.41	AC	239	62	FAIR	Y	
HAM03556	WERK RD	GLENWAY AV	JADARO CT	44	369.20	AC	376	49	POOR	Y	
HAM03061	WERK RD	HARRISON AV	WERKASTLE LN	28	350.63	AC	275	52	POOR	Y	
HAM03577	WERK RD	JADARO CT	NEISEL AV	34	655.03	AC	242	40	VERY POOR	Y	
HAM01797	WERK RD	MAYRIDGE CT	QUEEN CITY AV	32	695.52	AC	375	44	POOR	Y	
HAM03064	WERK RD	MCKINLEY AV	FERGUSON RD	25	1044.67	AC	157	33	VERY POOR	Y	
HAM03579	WERK RD	NEISEL AV	CINC|GREETP CORPLINE	34	523.61	AC	253	34	VERY POOR	Y	
HAM01796	WERK RD	QUEEN CITY AV	GLENMORE AV	49	529.31	AC	650	64	FAIR	Y	
HAM03272	WERK RD	ROOSEVELT AV	GLENWAY AV	41	378.64	AC	300	61	FAIR	Y	
HAM02443	WERK RD	RUTH AV	MAYRIDGE CT	32	284.55	AC	294	39	VERY POOR	Y	
HAM03058	WERK RD	WERKASTLE LN	EUGENIE LN	25	300.76	AC	439	55	POOR	Y	
HAM02842	WERKASTLE LN	EUGENIE LN	WERK RD	23	963.77	AC	650	73	SATISFACTORY	Y	
HAM08188	WERNER ST	ASHTON AL	FINDLAY ST	16	126.79	AC	650	43	POOR	Y	ONE WAY
HAM08184	WERNER ST	LIVINGSTON ST	ASHTON AL	16	97.39	AC	559	37	VERY POOR	Y	ONE WAY
HAM37887	WERON LN	TERM E OF BALTIMORE AV	BALTIMORE AV	24	1343.74	AC	408	79	SATISFACTORY	Y	
HAM38637	WESLEY AV	TERM S OF CLARK ST	CLARK ST	29	184.21	AC	650	29	VERY POOR	Y	
HAM38640	WESLEY AV	W COURT ST	TERM N OF W COURT ST	30	213.63	AC	650	41	POOR	Y	
HAM18264	WESS PARK DR	MARY LN	BERTUS ST	21	308.59	AC	650	80	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM18187	WESS PARK DR	SPRING HOUSE LN	MARY LN	24	1436.62	AC	477	68	FAIR	Y	
HAM09866	WESSELS AV	GLENWAY AV	WESSELS LN	12	270.02	AC	650	41	POOR	Y	
HAM09868	WESSELS LN	WESSELS AV	CARSON AV	21	122.71	AC	650	87	GOOD	Y	
HAM29925	WEST FORK RD	COLERAIN AV	HAYS AV	34	670.35	AC	399	73	SATISFACTORY	Y	
HAM29970	WEST FORK RD	HAYS AV	TODD AV	34	3438.00	AC	362	47	POOR	Y	
HAM29971	WEST FORK RD	MONTANA AV	PUTZ PL	35	543.53	AC	514	46	POOR	Y	ONE WAY
HAM22888	WEST FORK RD	SHEPHERD RD	CINC|GREETP CORPLINE	23	915.55	AC	357	88	GOOD	Y	
HAM29972	WEST FORK RD	TODD AV	MONTANA AV	35	493.35	AC	281	95	GOOD	Y	
HAM37162	WEST HIGH ST	GLENWAY AV	TERM W OF GLENWAY AV	23	489.24	AC	650	46	POOR	Y	
HAM30733	WEST LAUREL PARK DR	LAUREL PARK DR	BETTON ST	19	169.37	AC	551	80	SATISFACTORY	Y	ONE WAY
HAM30734	WEST LAUREL PARK DR	WEST LAUREL PARK DR	DERRICK TURNBOW AV	19	229.67	AC	459	44	POOR	Y	ONE WAY
HAM30755	WEST LAUREL PARK DR	WEST LAUREL PARK DR	DAVID ST	19	228.83	AC	650	86	GOOD	Y	ONE WAY
HAM30756	WEST LAUREL PARK DR	WEST LAUREL PARK DR	WADE ST	19	205.00	AC	281	78	SATISFACTORY	Y	ONE WAY
HAM37160	WEST PARK DR	TERM E OF FERGUSON RD	FERGUSON RD	36	226.75	AC	516	83	SATISFACTORY	Y	
HAM05980	WEST ST	VINE ST	BELDARE AV	30	250.10	AC	650	100	GOOD	Y	
HAM03516	WEST TOWER AV	BOUDINOT AV	WEST TOWER LN	24	1171.60	AC	650	35	VERY POOR	Y	
HAM03029	WEST TOWER AV	FERGUSON RD	BOUDINOT AV	24	1316.87	AC	566	53	POOR	Y	
HAM37675	WEST TOWER AV	TERM E OF FERGUSON RD	FERGUSON RD	20	796.72	AC	650	61	FAIR	Y	
HAM03522	WEST TOWER AV	WEST TOWER LN	GLENWAY AV	24	359.94	AC	650	36	VERY POOR	Y	
HAM37679	WEST TOWER LN	TERM SE OF WEST TOWER AV	WEST TOWER AV	21	370.55	AC	650	38	VERY POOR	Y	
HAM02255	WEST WY	NORTH WY	KENNETH AV	24	404.19	AC	650	95	GOOD	Y	
HAM03105	WESTBROOK DR	BOUDINOT AV	WESTRIDGE AV	25	239.15	AC	575	78	SATISFACTORY	Y	
HAM02854	WESTBROOK DR	DUNAWAY AV	TIMBERCREST DR	26	546.61	AC	404	30	VERY POOR	Y	
HAM02849	WESTBROOK DR	EPWORTH CT	BOUDINOT AV	25	986.25	AC	523	38	VERY POOR	Y	
HAM03103	WESTBROOK DR	FERGUSON RD	EPWORTH CT	25	335.89	AC	650	39	VERY POOR	Y	
HAM02831	WESTBROOK DR	GILNA CT	DUNAWAY AV	28	413.91	AC	291	41	POOR	Y	
HAM03106	WESTBROOK DR	LAFEUILLE CIR	GILNA CT	29	2016.98	AC	292	41	POOR	Y	
HAM37666	WESTBROOK DR	QUEEN CITY AV	TERM SW OF QUEEN CITY AV	19	464.97	AC	511	93	GOOD	Y	
HAM03102	WESTBROOK DR	RUTH AV	QUEEN CITY AV	24	286.37	AC	650	94	GOOD	Y	
HAM02851	WESTBROOK DR	THRUSHFIELD TER	FERGUSON RD	28	445.94	AC	485	35	VERY POOR	Y	
HAM02853	WESTBROOK DR	TIMBERCREST DR	THRUSHFIELD TER	28	333.83	AC	425	34	VERY POOR	Y	
HAM03104	WESTBROOK DR	WESTRIDGE AV	RUTH AV	26	880.49	AC	224	72	SATISFACTORY	Y	
HAM27437	WESTERN AV	BANK ST	TERM NW OF BANK ST	47	692.03	AC	521	34	VERY POOR	Y	
HAM34105	WESTERN AV	GEST ST	HOPKINS ST	37	857.65	AC	362	53	POOR	Y	ONE WAY
HAM27506	WESTERN AV	HOPKINS ST	WESTERN AV TO I-75 SB EXWY RAMP	41	295.14	AC	220	82	SATISFACTORY	Y	ONE WAY
HAM27517	WESTERN AV	KENNER ST	W LIBERTY ST	36	1276.81	AC	188	73	SATISFACTORY	Y	ONE WAY
HAM30675	WESTERN AV	W LIBERTY ST	FINDLAY ST	39	931.70	AC	582	64	FAIR	Y	ONE WAY
HAM32219	WESTERN AV	WESTERN AV TO I-75 SB EXWY RAMP	KENNER ST	37	322.22	AC	650	83	SATISFACTORY	Y	ONE WAY
HAM27534	WESTERN AV TO I-75 SB EXWY RAMP	WESTERN AV	I-75 SB EXWY	23	2026.43	AC	150	76	SATISFACTORY	Y	ONE WAY
HAM03741	WESTERN HILLS AV	COVEDALE AV	CINC|GREETP CORPLINE	20	163.34	AC	650	66	FAIR	Y	
HAM03723	WESTERN HILLS AV	GLENWAY AV	COVEDALE AV	20	1535.46	AC	561	87	GOOD	Y	
HAM19761	WESTGATE AV	DOWNING DR	MARLINGTON AV	24	412.60	AC	346	67	FAIR	Y	
HAM02398	WESTHAVEN AV	ROSEMONT AV	WINFIELD AV	27	288.07	AC	650	38	VERY POOR	Y	
HAM01930	WESTHAVEN AV	SUNSET AV	FISK AV	22	326.65	AC	650	78	SATISFACTORY	Y	
HAM02091	WESTHAVEN AV	WINFIELD AV	SUNSET AV	28	289.07	AC	650	34	VERY POOR	Y	
HAM38750	WESTKNOLLS LN	MCBREEN AV	TERM N OF MCBREEN AV	24	744.53	AC	333	94	GOOD	Y	
HAM02995	WESTKNOLLS LN	ORLAND AV	MCBREEN AV	24	1047.95	AC	187	93	GOOD	Y	
HAM38720	WESTKNOLLS LN	TERM S OF ORLAND AV	ORLAND AV	25	191.19	AC	650	93	GOOD	Y	
HAM12714	WESTMINSTER DR	BRISTOL LN	PADDOCK HILLS DR	24	146.30	AC	379	83	SATISFACTORY	Y	
HAM23889	WESTMINSTER DR	PADDOCK HILLS DR	PERTH LN	23	142.67	AC	420	89	GOOD	Y	
HAM40504	WESTMINSTER DR	PERTH LN	TERM NE OF PERTH LN	20	528.45	AC	490	85	SATISFACTORY	Y	
HAM40501	WESTMINSTER DR	TERM NW OF BRISTOL LN	BRISTOL LN	24	649.51	AC	461	79	SATISFACTORY	Y	
HAM55667	WESTMONT DR	COLONY DR	WESTMONT LN	35	238.41	AC	383	45	POOR	Y	
HAM39370	WESTMONT DR	TERM NE OF COLONY DR	COLONY DR	36	1319.22	AC	283	60	FAIR	Y	
HAM07342	WESTMORELAND AV	HAMILTON AV	PITTS AV	37	1064.15	AC	642	29	VERY POOR	Y	
HAM35611	WESTONRIDGE DR	HORIZONVUE DR	TERM SW OF FOX RD	25	1110.72	AC	304	95	GOOD	Y	
HAM03594	WESTONRIDGE DR	PONDEROSA DR	HORIZONVUE DR	25	838.45	AC	307	95	GOOD	Y	
HAM03044	WESTRIDGE AV	QUEEN CITY AV	WESTRIDGE AV	25	767.64	AC	650	34	VERY POOR	Y	
HAM02861	WESTRIDGE AV		WESTBROOK DR	4	292.17		-1	-1		N	BOOTS ON THE GROUND / PEDESTRIAN PATHWAY
HAM06471	WESTSIDE AV	PERKINS LN	OBSERVATORY AV	29	552.67	AC	609	37	VERY POOR	Y	
HAM03123	WESTWOOD AV	ADDIE AL	QUEBEC RD	40	128.17	AC	318	86	GOOD	Y	
HAM08139	WESTWOOD AV	AMOR PL	SELIM AV	41	175.54	AC	163	85	SATISFACTORY	Y	
HAM01904	WESTWOOD AV	GRAND AV	KEBLER AL	41	913.76	AC	190	93	GOOD	Y	
HAM34995	WESTWOOD AV	HARRISON AV	AMOR PL	40	800.89	AC	650	94	GOOD	Y	
HAM01902	WESTWOOD AV	KEBLER AL	VAN HART ST	40	712.89	AC	142	95	GOOD	Y	
HAM02682	WESTWOOD AV	MARGARET ST	ADDIE AL	40	112.40	AC	115	91	GOOD	Y	
HAM53294	WESTWOOD AV	QUEBEC RD	WHITE ST	36	778.62	PCC	449	79	SATISFACTORY	Y	
HAM08152	WESTWOOD AV	SELIM AV	GRAND AV	40	545.19	AC	214	95	GOOD	Y	
HAM01900	WESTWOOD AV	VAN HART ST	MARGARET ST	40	561.90	AC	133	95	GOOD	Y	
HAM62411	WESTWOOD NORTHERN BLVD	BALTIMORE AV	U TURN ACCS	25	514.93	AC	195	91	GOOD	Y	
HAM62413	WESTWOOD NORTHERN BLVD	BALTIMORE AV	U TURN ACCS	25	525.21	AC	174	90	GOOD	Y	
HAM62382	WESTWOOD NORTHERN BLVD	BEEKMAN ST	U TURN ACCS	25	744.16	AC	650	91	GOOD	Y	
HAM62384	WESTWOOD NORTHERN BLVD	BEEKMAN ST	U TURN ACCS	25	753.11	AC	650	87	GOOD	Y	
HAM62441	WESTWOOD NORTHERN BLVD	BRODBECK PL	U TURN ACCS	25	381.22	AC	182	92	GOOD	Y	
HAM62442	WESTWOOD NORTHERN BLVD	BRODBECK PL	U TURN ACCS	25	378.30	AC	125	86	GOOD	Y	
HAM15903	WESTWOOD NORTHERN BLVD	CINC|GREETP CORPLINE	BOUDINOT AV	25	227.20	AC	650	82	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM62111	WESTWOOD NORTHERN BLVD	CINC|GREETP CORPLINE	BOUDINOT TO WESTWOOD NORTHERN RAMP	25	54.48	AC	276	92	GOOD	Y	
HAM00070	WESTWOOD NORTHERN BLVD	FERNCROFT DR	MILLRICH AV	25	657.99	AC	136	94	GOOD	Y	
HAM62445	WESTWOOD NORTHERN BLVD	FERNCROFT DR	MILLRICH AV	25	661.36	AC	133	79	SATISFACTORY	Y	
HAM62433	WESTWOOD NORTHERN BLVD	FYFFE AV	U TURN ACCS	25	480.28	AC	182	93	GOOD	Y	
HAM62435	WESTWOOD NORTHERN BLVD	FYFFE AV	U TURN ACCS	25	480.34	AC	129	86	GOOD	Y	
HAM33641	WESTWOOD NORTHERN BLVD	GOBEL AV	BRODBECK PL	25	628.05	AC	149	93	GOOD	Y	
HAM62439	WESTWOOD NORTHERN BLVD	GOBEL AV	BRODBECK PL	25	617.43	AC	207	81	SATISFACTORY	Y	
HAM15901	WESTWOOD NORTHERN BLVD	LUCAS RD	CINC|GREETP CORPLINE	25	366.00	AC	165	89	GOOD	Y	
HAM62110	WESTWOOD NORTHERN BLVD	LUCAS RD	CINC|GREETP CORPLINE	25	386.54	AC	180	87	GOOD	Y	
HAM15421	WESTWOOD NORTHERN BLVD	MCFARLAN PARK DR	WARDALL AV	25	596.47	AC	112	88	GOOD	Y	
HAM62095	WESTWOOD NORTHERN BLVD	MCFARLAN PARK DR	WARDALL AV	25	605.09	AC	138	85	SATISFACTORY	Y	
HAM62090	WESTWOOD NORTHERN BLVD	MCFARLAN WOODS DR	U TURN ACCS	25	565.78	AC	142	85	SATISFACTORY	Y	
HAM62093	WESTWOOD NORTHERN BLVD	MCFARLAN WOODS DR	U TURN ACCS	25	549.53	AC	162	83	SATISFACTORY	Y	
HAM02784	WESTWOOD NORTHERN BLVD	MCHENRY AV	FYFFE AV	25	479.14	AC	294	92	GOOD	Y	
HAM00009	WESTWOOD NORTHERN BLVD	MILLRICH AV	TINAVIEW CT	25	553.22	AC	144	94	GOOD	Y	
HAM62446	WESTWOOD NORTHERN BLVD	MILLRICH AV	TINAVIEW CT	25	563.99	AC	102	91	GOOD	Y	
HAM02636	WESTWOOD NORTHERN BLVD	MONTANA AV	VIENNA WOODS DR	25	622.18	AC	176	84	SATISFACTORY	Y	
HAM62083	WESTWOOD NORTHERN BLVD	MONTANA AV	U TURN ACCS	25	632.52	AC	650	86	GOOD	Y	
HAM62404	WESTWOOD NORTHERN BLVD	SUTTER AV	U TURN ACCS	25	397.86	AC	116	90	GOOD	Y	
HAM62406	WESTWOOD NORTHERN BLVD	SUTTER AV	U TURN ACCS	25	396.32	AC	212	89	GOOD	Y	
HAM03057	WESTWOOD NORTHERN BLVD	TINAVIEW CT	MONTANA AV	45	449.82	AC	476	87	GOOD	Y	
HAM62100	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	571.88	AC	156	92	GOOD	Y	
HAM62101	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	555.28	AC	189	92	GOOD	Y	
HAM62103	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	348.48	AC	209	93	GOOD	Y	
HAM62104	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	353.81	AC	219	89	GOOD	Y	
HAM62106	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	366.76	AC	117	97	GOOD	Y	
HAM62107	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	368.44	AC	217	69	FAIR	Y	
HAM62108	WESTWOOD NORTHERN BLVD	U TURN ACCS	LUCAS RD	25	537.25	AC	200	87	GOOD	Y	
HAM62109	WESTWOOD NORTHERN BLVD	U TURN ACCS	LUCAS RD	25	549.95	AC	181	89	GOOD	Y	
HAM62383	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	421.18	AC	135	90	GOOD	Y	
HAM62385	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	435.28	AC	154	77	SATISFACTORY	Y	
HAM62388	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	465.60	AC	114	89	GOOD	Y	
HAM62389	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	453.41	AC	147	86	GOOD	Y	
HAM62391	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	507.61	AC	175	85	SATISFACTORY	Y	
HAM62392	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	501.56	AC	149	76	SATISFACTORY	Y	
HAM62393	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	841.62	AC	107	91	GOOD	Y	
HAM62394	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	827.23	AC	162	77	SATISFACTORY	Y	
HAM62396	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	290.80	AC	157	86	GOOD	Y	
HAM62397	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	295.83	AC	182	89	GOOD	Y	
HAM62399	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	503.33	AC	135	93	GOOD	Y	
HAM62400	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	513.41	AC	159	85	SATISFACTORY	Y	
HAM62401	WESTWOOD NORTHERN BLVD	U TURN ACCS	SUTTER AV	25	407.84	AC	650	94	GOOD	Y	
HAM62402	WESTWOOD NORTHERN BLVD	U TURN ACCS	SUTTER AV	25	407.99	AC	153	90	GOOD	Y	
HAM62405	WESTWOOD NORTHERN BLVD	U TURN ACCS	BALTIMORE AV	25	603.69	AC	650	92	GOOD	Y	
HAM62407	WESTWOOD NORTHERN BLVD	U TURN ACCS	BALTIMORE AV	25	586.71	AC	253	93	GOOD	Y	
HAM62412	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	453.72	AC	162	90	GOOD	Y	
HAM62414	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	453.82	AC	151	81	SATISFACTORY	Y	
HAM62415	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	254.93	AC	214	83	SATISFACTORY	Y	
HAM62418	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	254.45	AC	137	88	GOOD	Y	
HAM62419	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	578.15	AC	119	92	GOOD	Y	
HAM62420	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	578.50	AC	154	90	GOOD	Y	
HAM62421	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	210.98	AC	118	89	GOOD	Y	
HAM62422	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	209.92	AC	158	85	SATISFACTORY	Y	
HAM62423	WESTWOOD NORTHERN BLVD	U TURN ACCS	MCHENRY AV	25	701.87	AC	191	91	GOOD	Y	
HAM62424	WESTWOOD NORTHERN BLVD	U TURN ACCS	MCHENRY AV	25	694.55	AC	165	88	GOOD	Y	
HAM62434	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	512.39	AC	122	93	GOOD	Y	
HAM62436	WESTWOOD NORTHERN BLVD	U TURN ACCS	U TURN ACCS	25	523.39	AC	99	90	GOOD	Y	
HAM62437	WESTWOOD NORTHERN BLVD	U TURN ACCS	GOBEL AV	25	574.33	AC	147	92	GOOD	Y	
HAM62438	WESTWOOD NORTHERN BLVD	U TURN ACCS	GOBEL AV	25	570.58	AC	117	90	GOOD	Y	
HAM62443	WESTWOOD NORTHERN BLVD	U TURN ACCS	FERNCROFT DR	25	521.52	AC	143	91	GOOD	Y	
HAM62444	WESTWOOD NORTHERN BLVD	U TURN ACCS	FERNCROFT DR	25	518.85	AC	120	89	GOOD	Y	
HAM55676	WESTWOOD NORTHERN BLVD	VIENNA WOODS DR	MCFARLAN WOODS DR	25	538.27	AC	149	90	GOOD	Y	
HAM62086	WESTWOOD NORTHERN BLVD	VIENNA WOODS DR	MCFARLAN WOODS DR	25	530.83	AC	151	85	SATISFACTORY	Y	
HAM62096	WESTWOOD NORTHERN BLVD	WARDALL AV	U TURN ACCS	25	675.66	AC	139	90	GOOD	Y	
HAM62097	WESTWOOD NORTHERN BLVD	WARDALL AV	U TURN ACCS	25	671.95	AC	200	84	SATISFACTORY	Y	
HAM62429	WESTWOOD NORTHERN BLVD	WESTWOOD NORTHERN TO MCHENRY RAMP	FYFFE AV	25	324.24	AC	506	92	GOOD	Y	
HAM39212	WHATLEY ST	EVANS ST	TERM W OF EVANS ST	20	142.01	AC	650	91	GOOD	Y	
HAM20050	WHEELER ST	EMMING ST	WARNER ST	29	740.13	AC	639	58	FAIR	Y	
HAM33131	WHEELER ST	WARNER ST	W MCMILLAN ST	30	1131.29	AC	650	67	FAIR	Y	
HAM30655	WHETSEL AL	ELM ST	CENTRAL PKWY	5	428.56		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM06556	WHETSEL AV	ADELPHI ST	THOBURNE LN	41	208.14	AC	109	95	GOOD	Y	
HAM06559	WHETSEL AV	BRAMBLE AV	ADELPHI ST	43	404.16	AC	650	94	GOOD	Y	
HAM06876	WHETSEL AV	CAROTHERS ST	PEABODY AV	48	244.06	AC	112	95	GOOD	Y	
HAM22071	WHETSEL AV	CHANDLER ST	CORNISH ST	40	541.34	AC	301	28	VERY POOR	Y	
HAM06617	WHETSEL AV	CLEPHANE AV	ERIE AV	44	284.95	AC	122	94	GOOD	Y	
HAM22072	WHETSEL AV	CORNISH ST	LUHN AV	40	423.25	AC	289	26	VERY POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM00554	WHETSEL AV	DESMOND ST	CHANDLER ST	44	407.54	AC	348	22	SERIOUS	Y	
HAM06864	WHETSEL AV	ERIE AV	CAROTHERS ST	48	147.48	AC	193	92	GOOD	Y	
HAM06607	WHETSEL AV	ISLINGTON AV	BRAMBLE AV	24	702.34	AC	567	94	GOOD	Y	
HAM22070	WHETSEL AV	LUHN AV	MONNING PL	34	300.88	AC	288	35	VERY POOR	Y	
HAM00517	WHETSEL AV	MADISON RD	SIERRA ST	44	351.46	AC	507	93	GOOD	Y	
HAM22079	WHETSEL AV	MONNING PL	TERM NE OF	22	391.81	AC	299	38	VERY POOR	Y	
HAM00555	WHETSEL AV	PEABODY AV	PRENTICE ST	48	453.74	AC	114	95	GOOD	Y	
HAM33874	WHETSEL AV	PRENTICE ST	MADISON RD	48	345.41	AC	166	95	GOOD	Y	
HAM06585	WHETSEL AV	ROE ST	CLEPHANE AV	43	309.36	AC	518	95	GOOD	Y	
HAM00509	WHETSEL AV	SIERRA ST	DESMOND ST	44	330.54	AC	300	33	VERY POOR	Y	
HAM35825	WHETSEL AV	TERM S OF ISLINGTON AV	ISLINGTON AV	24	258.20	AC	650	95	GOOD	Y	
HAM06555	WHETSEL AV	THOBURNE LN	ROE ST	42	816.39	AC	210	95	GOOD	Y	
HAM08605	WHETSTONE AL	MAIN ST	PANCOAST AL	8	170.92		-1	-1		N	BOOTS ON THE GROUND / TOO NARROW FOR VAN ACCESS
HAM00306	WHIPPLE ST	ASHTABULA ST	WREN ST	19	261.28	AC	615	50	POOR	Y	
HAM00191	WHIPPLE ST	GRACELY DR	PORTAGE ST	24	204.93	AC	650	35	VERY POOR	Y	
HAM00307	WHIPPLE ST	PORTAGE ST	ASHTABULA ST	23	268.21	AC	321	50	POOR	Y	
HAM00318	WHIPPLE ST	WREN ST	HILLSIDE AV	19	195.40	AC	650	45	POOR	Y	
HAM02691	WHITE ST	BIEGLER ST	FAIRMOUNT AV	20	671.31	AC	417	88	GOOD	Y	
HAM02670	WHITE ST	FAIRMOUNT AV	TERM N OF FAIRMOUNT AV	16	282.46	AC	650	54	POOR	Y	
HAM02675	WHITE ST	HORTON ST	BIEGLER ST	19	246.57	AC	309	86	GOOD	Y	
HAM02676	WHITE ST	MONTROSE ST	HORTON ST	18	131.79	AC	363	89	GOOD	Y	
HAM40994	WHITE ST	QUEEN CITY BYPS	WICKHAM AL	23	117.19	AC	650	91	GOOD	Y	
HAM40993	WHITE ST	WESTWOOD AV	QUEEN CITY BYPS	31	132.09	PCC	650	86	GOOD	Y	
HAM02677	WHITE ST	WICKHAM AL	MONTROSE ST	20	127.83	AC	650	88	GOOD	Y	
HAM36980	WHITEHALL AV	AYERSHIRE AV	TERM E OF AYERSHIRE AV	25	260.80	AC	650	85	SATISFACTORY	Y	
HAM11402	WHITEHALL AV	BURNEY LN	BURSAL AV	24	303.36	AC	650	88	GOOD	Y	
HAM29543	WHITEHALL AV	BURSAL AV	LE CONTE AV	24	564.43	AC	372	89	GOOD	Y	
HAM29544	WHITEHALL AV	LE CONTE AV	AYERSHIRE AV	24	406.04	AC	650	89	GOOD	Y	
HAM10387	WHITEMAN ST	CENTRAL AV	HORACE ST	30	597.04	AC	570	38	VERY POOR	Y	
HAM10388	WHITEMAN ST	HORACE ST	DAYTON ST	26	135.97	AC	650	38	VERY POOR	Y	
HAM38018	WHITEWOOD LN	LITTLE FLOWER AV	TERM W OF LITTLE FLOWER AV	24	353.70	AC	650	83	SATISFACTORY	Y	
HAM38019	WHITEWOOD LN	TERM E OF LITTLE FLOWER AV	LITTLE FLOWER AV	25	867.97	AC	395	79	SATISFACTORY	Y	
HAM05433	WHITFIELD AV	BRYANT AV	EVANSWOOD PL	29	563.16	AC	596	68	FAIR	Y	
HAM41222	WHITFIELD AV	DIXMYTH AV	LOWELL AV	36	463.48	PCC	634	93	GOOD	Y	
HAM53428	WHITFIELD AV	HARRY AL	HOWELL AV	35	157.92	AC	650	58	FAIR	Y	
HAM25498	WHITFIELD AV	HOWELL AV	LUDLOW AV	36	434.46	AC	623	59	FAIR	Y	
HAM25488	WHITFIELD AV	LOWELL AV	TERRACE AV	35	337.76	AC	400	45	POOR	Y	
HAM25522	WHITFIELD AV	LUDLOW AV	BRYANT AV	30	562.86	AC	650	72	SATISFACTORY	Y	
HAM25487	WHITFIELD AV	TERRACE AV	HARRY AL	36	153.94	AC	435	40	VERY POOR	Y	
HAM06525	WHITNEY AV	CONANT ST	HECTOR AV	21	452.70	AC	411	37	VERY POOR	Y	
HAM06524	WHITNEY AV	ERIE AV	CONANT ST	21	196.03	AC	650	41	POOR	Y	
HAM06494	WHITNEY AV	HECTOR AV	LUCERNE AV	25	310.06	AC	513	79	SATISFACTORY	Y	
HAM37635	WHITNEY PL	TERM NW OF ERIE AV	ERIE AV	20	313.15	AC	650	84	SATISFACTORY	Y	
HAM24191	WHITTIER ST	READING RD	VAN BUREN AV	30	672.20	AC	449	66	FAIR	Y	
HAM34683	WHITTIER ST	VAN BUREN AV	WEHRMAN AV	42	421.44	AC	454	52	POOR	Y	
HAM26282	WHITTIER ST	WEHRMAN AV	FREDONIA AV	34	683.38	AC	426	85	SATISFACTORY	Y	
HAM03132	WICKHAM AL	CLIFFORD ST	EKARDT ST	10	248.86	AC	650	78	SATISFACTORY	Y	ONE WAY
HAM03131	WICKHAM AL	EKARDT ST	SPERBER ST	10	255.25	AC	627	72	SATISFACTORY	Y	ONE WAY
HAM03130	WICKHAM AL	SPERBER ST	WHITE ST	11	206.49	AC	650	73	SATISFACTORY	Y	ONE WAY
HAM08159	WICKHAM PL	ENGEL AL	RANKIN ST	14	556.52	AC	556	45	POOR	Y	
HAM02548	WICKHAM PL	RANKIN ST	QUEEN CITY AV	13	1093.90	AC	650	44	POOR	Y	
HAM27820	WIDDELL AL	DODT AL	E 12TH ST	6	158.77		-1	-1		N	ALLEY / BOOTS ON THE GROUND
HAM12039	WIEHE RD	LANGDON FARM RD	CINC|GOLFMN CORPLINE	36	230.79	AC	638	87	GOOD	Y	
HAM37412	WIELERT AV	ROBERS AV	TERM NW OF ROBERS AV	25	530.00	AC	504	78	SATISFACTORY	Y	
HAM37429	WIELERT AV	TERM S OF ROBERS AV	ROBERS AV	23	237.89	AC	650	85	SATISFACTORY	Y	
HAM02225	WIEMAN AV	ENRIGHT AV	OLIVE AV	25	318.66	AC	650	69	FAIR	Y	
HAM02222	WIEMAN AV	OAKLAND AV	KIRBERT AV	24	293.13	AC	650	75	SATISFACTORY	Y	
HAM02223	WIEMAN AV	OLIVE AV	OAKLAND AV	25	264.78	AC	271	55	POOR	Y	
HAM38265	WILARAY TER	BEECHMONT AV	TERM N OF BEECHMONT AV	19	651.86	AC	650	70	FAIR	Y	
HAM38135	WILARAY TER	TERM S OF BEECHMONT AV	BEECHMONT AV	24	730.26	AC	572	83	SATISFACTORY	Y	
HAM03378	WILBUD DR	DELRIDGE DR	LOUBELL LN	25	897.41	AC	382	41	POOR	Y	
HAM37982	WILBUD DR	LOUBELL LN	TERM NW OF LOUBELL LN	24	187.67	AC	650	35	VERY POOR	Y	
HAM11797	WILDER AV	GEST ST	GLENWAY AV	36	243.31	AC	650	39	VERY POOR	Y	
HAM01737	WILDER AV	GLENWAY AV	WARSAW AV	42	648.92	AC	576	43	POOR	Y	
HAM11796	WILDER AV	NEFF AV	GEST ST	36	300.30	AC	650	38	VERY POOR	Y	
HAM08740	WILDER AV	STATE AV	NEFF AV	30	457.24	AC	650	44	POOR	Y	
HAM37700	WILDOAK CT	TERM S OF OAKTREE PL	OAKTREE PL	26	199.23	AC	650	78	SATISFACTORY	Y	
HAM13011	WILDWOOD ST	MONON AV	AVALON ST	23	1030.02	AC	272	37	VERY POOR	Y	
HAM35930	WILK LN	TERM SE OF UNNAMED PRIVATE RD	UNNAMED PRIVATE RD	11	73.11	AC	650	95	GOOD	Y	
HAM11077	WILK LN	UNNAMED PRIVATE RD	WILKINS SHORT RD	11	401.60	AC	590	95	GOOD	Y	
HAM11074	WILKINS SHORT RD	GRACELY DR	WILK LN	16	296.68	AC	650	36	VERY POOR	Y	
HAM11076	WILKINS SHORT RD	RIVER RD	GRACELY DR	23	275.62	AC	650	37	VERY POOR	Y	
HAM11073	WILKINS SHORT RD	WILK LN	FERNBANK AV	15	293.73	AC	591	30	VERY POOR	Y	
HAM24227	WILKINSON ST	BOONE ST	PRESLEY AL	25	135.19	AC	650	29	VERY POOR	Y	
HAM24205	WILKINSON ST	FOWLER ST	SYMMES ST	31	139.07	AC	650	32	VERY POOR	Y	
HAM07907	WILKINSON ST	KENTON ST	TERM E OF KENTON ST	20	139.49	AC	650	33	VERY POOR	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM24229	WILKINSON ST	PRESLEY AL	MAY ST	25	137.50	AC	650	33	VERY POOR	Y	
HAM55681	WILKINSON ST	TERM W OF KENTON ST	KENTON ST	21	89.10	AC	650	37	VERY POOR	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM38559	WILKINSON ST	TERM W OF WALTON AL	WALTON AL	33	51.49	AC	650	33	VERY POOR	Y	
HAM24220	WILKINSON ST	WALTON AL	FOWLER ST	31	126.85	AC	650	38	VERY POOR	Y	
HAM09036	WILKYMACKY AL	CLAY ST	MAIN ST	8	240.35		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM09032	WILKYMACKY AL	WALNUT ST	CLAY ST	13	224.24		-1	-1		N	ALLEY / BOOTS ON THE GROUND / BRICK
HAM19770	WILLARD AV	EDWARDS RD	MADISON RD	27	712.33	AC	650	35	VERY POOR	Y	ONE WAY
HAM09217	WILLBARR TER	CLOSE CT	GLENGYLE AV	16	264.90	AC	650	33	VERY POOR	Y	
HAM37672	WILLET TER	TERM E OF BOUDINOT AV	BOUDINOT AV	25	198.47	AC	650	73	SATISFACTORY	Y	
HAM05911	WILLIAM H TAFT RD	ASHLAND AV	BELL PL	39	443.61	AC	285	72	SATISFACTORY	Y	
HAM07930	WILLIAM H TAFT RD	AUBURN AV	EDEN AV	42	714.30	AC	650	57	FAIR	Y	
HAM05788	WILLIAM H TAFT RD	BELL PL	WOODBURN AV	40	780.94	AC	354	31	VERY POOR	Y	
HAM07856	WILLIAM H TAFT RD	BELLEVUE AV	HIGHLAND AV	41	439.80	AC	334	73	SATISFACTORY	Y	
HAM05890	WILLIAM H TAFT RD	BOND PL	COLLINS AV	36	390.96	AC	202	92	GOOD	Y	
HAM26175	WILLIAM H TAFT RD	CHATHAM ST	MELROSE AV	39	348.92	AC	251	62	FAIR	Y	
HAM05917	WILLIAM H TAFT RD	CLEINVIEW AV	E MCMILLAN ST	36	504.59	AC	181	86	GOOD	Y	
HAM09549	WILLIAM H TAFT RD	COLLINS AV	STEVENSON LN	36	195.92	AC	182	76	SATISFACTORY	Y	
HAM05744	WILLIAM H TAFT RD	E MCMILLAN ST	BOND PL	36	551.10	AC	404	86	GOOD	Y	
HAM33119	WILLIAM H TAFT RD	EDEN AV	BELLEVUE AV	40	484.69	AC	252	56	FAIR	Y	
HAM27973	WILLIAM H TAFT RD	ESSEX PL	MAY ST	45	923.49	AC	292	90	GOOD	Y	
HAM05916	WILLIAM H TAFT RD	GILBERT AV	KEMPER LN	40	503.99	AC	650	49	POOR	Y	
HAM05795	WILLIAM H TAFT RD	HACKBERRY ST	CLEINVIEW AV	36	356.85	AC	650	91	GOOD	Y	
HAM05897	WILLIAM H TAFT RD	HEATHERHILL LN	TORRENCE PKWY	35	789.28	AC	537	88	GOOD	Y	
HAM26184	WILLIAM H TAFT RD	HEMLOCK ST	STANTON AV	41	342.72	AC	247	62	FAIR	Y	
HAM07973	WILLIAM H TAFT RD	HIGHLAND AV	BURNET AV	42	457.64	AC	356	61	FAIR	Y	
HAM27975	WILLIAM H TAFT RD	HOLLENDER AL	HEMLOCK ST	40	184.13	AC	244	57	FAIR	Y	
HAM05781	WILLIAM H TAFT RD	INGLESIDE AV	MOORMAN AV	35	313.51	AC	149	93	GOOD	Y	
HAM07859	WILLIAM H TAFT RD	JEFFERSON AV	AUBURN AV	41	704.99	AC	525	59	FAIR	Y	
HAM05909	WILLIAM H TAFT RD	KEMPER LN	PARK AV	40	469.21	AC	327	32	VERY POOR	Y	
HAM27974	WILLIAM H TAFT RD	MAY ST	HOLLENDER AL	40	204.25	AC	498	43	POOR	Y	
HAM05908	WILLIAM H TAFT RD	MELROSE AV	GILBERT AV	38	307.67	AC	278	73	SATISFACTORY	Y	
HAM05782	WILLIAM H TAFT RD	MOORMAN AV	HACKBERRY ST	36	314.43	AC	386	92	GOOD	Y	
HAM05910	WILLIAM H TAFT RD	PARK AV	VICTORY PKWY	38	486.94	AC	610	34	VERY POOR	Y	
HAM27980	WILLIAM H TAFT RD	READING RD	ESSEX PL	56	350.84	AC	650	77	SATISFACTORY	Y	
HAM26176	WILLIAM H TAFT RD	STANTON AV	CHATHAM ST	39	172.17	AC	340	53	POOR	Y	
HAM09550	WILLIAM H TAFT RD	STEVENSON LN	TAFT ROAD LN	36	156.39	AC	242	86	GOOD	Y	
HAM05896	WILLIAM H TAFT RD	TAFT ROAD LN	HEATHERHILL LN	36	497.11	AC	162	83	SATISFACTORY	Y	
HAM05779	WILLIAM H TAFT RD	VICTORY PKWY	ASHLAND AV	40	428.98	AC	371	33	VERY POOR	Y	
HAM05778	WILLIAM H TAFT RD	WOODBURN AV	INGLESIDE AV	35	314.01	AC	225	89	GOOD	Y	
HAM30567	WILLIAM P DOOLEY BYPS	ELMORE ST	OLD LUDLOW AV	43	1086.27	AC	162	72	SATISFACTORY	Y	
HAM07512	WILLIAM P DOOLEY BYPS	MAD ANTHONY ST	SPRING GROVE AV	44	780.02	AC	156	89	GOOD	Y	
HAM07257	WILLIAM P DOOLEY BYPS	OLD LUDLOW AV	MAD ANTHONY ST	48	1087.86	AC	152	66	FAIR	Y	
HAM54348	WILLIAMS CT	TERM E OF WILLIAMS ST	WILLIAMS ST	13	107.39	AC	650	49	POOR	Y	ONE WAY
HAM54347	WILLIAMS ST	QUEEN CITY AV	WILLIAMS CT	17	68.63	AC	650	53	POOR	Y	
HAM54302	WILLIAMS ST	WILLIAMS CT	MONTROSE ST	11	123.24	AC	650	40	VERY POOR	Y	
HAM29902	WILLIAMSBURG DR	PRESIDENT DR	SUNNYHILL DR	36	272.17	AC	460	66	FAIR	Y	
HAM38145	WILLIAMSBURG DR	SUNNYHILL DR	TERM NW OF SUNNYHILL DR	36	553.83	AC	237	59	FAIR	Y	
HAM38149	WILLIAMSBURG DR	TERM SE OF PRESIDENT DR	PRESIDENT DR	25	370.04	AC	650	66	FAIR	Y	
HAM07277	WILLIAMSON PL	CHASE AV	COATES AL	31	140.31	AC	639	63	FAIR	Y	
HAM07270	WILLIAMSON PL	COATES AL	COATES AL	30	34.29	AC	639	61	FAIR	Y	
HAM07330	WILLIAMSON PL	COATES AL	PULLAN AV	29	792.61	AC	631	61	FAIR	Y	
HAM09248	WILLIS AV	HALPIN AV	UNNAMED AL	30	500.08	AC	650	95	GOOD	Y	
HAM09249	WILLIS AV	UNNAMED AL	DELTA AV	30	244.11	AC	650	92	GOOD	Y	
HAM03837	WILLNET DR	ALCLIFF LN	CINC|DELHTP CORPLINE	24	136.40	AC	650	50	POOR	Y	
HAM03832	WILLNET DR	BEECHMEADOW LN	WOODY LN	24	271.86	AC	349	62	FAIR	Y	
HAM03860	WILLNET DR	CHEREVILLA LN	MORADO DR	24	301.50	AC	250	41	POOR	Y	
HAM34436	WILLNET DR	CINC|DELHTP CORPLINE	COVEDALE AV	24	152.95	AC	650	71	SATISFACTORY	Y	
HAM41019	WILLNET DR	CINC|DELHTP CORPLINE	MAUREEN LN	25	151.00	AC	500	51	POOR	Y	
HAM03864	WILLNET DR	GLENNA DR	JENNIE LN	24	264.25	AC	543	63	FAIR	Y	
HAM03833	WILLNET DR	JENNIE LN	BEECHMEADOW LN	25	380.65	AC	305	52	POOR	Y	
HAM03865	WILLNET DR	MAUREEN LN	GLENNA DR	24	426.33	AC	244	51	POOR	Y	
HAM34435	WILLNET DR	MORADO DR	CINC|DELHTP CORPLINE	24	149.12	AC	324	42	POOR	Y	
HAM03551	WILLNET DR	NANCY LEE LN	CHEREVILLA LN	24	300.37	AC	650	42	POOR	Y	
HAM03838	WILLNET DR	WOODY LN	ALCLIFF LN	24	398.77	AC	249	59	FAIR	Y	
HAM07663	WILLOW AL	MARBLE AL	W 72ND ST	10	180.71	AC	650	77	SATISFACTORY	Y	
HAM37073	WILLOW AL	TERM SW OF FLINT AL	FLINT AL	15	286.32	AC	650	68	FAIR	Y	
HAM07660	WILLOW AL	W 72ND ST	W 73RD ST	9	391.99	AC	650	85	SATISFACTORY	Y	
HAM07666	WILLOW AL	W SEYMOUR AV	MARBLE AL	11	205.59	AC	650	55	POOR	Y	
HAM14461	WILLOW ST	PENNSYLVANIA AV	HUTTON ST	18	309.36		-1	-1		N	BLOCKED BY GATE
HAM37405	WILLOWCOVE DR	INTERN CT	TERM S OF INTERN CT	28	186.80	AC	650	82	SATISFACTORY	Y	
HAM11461	WILLOWCOVE DR	KIPLING AV	INTERN CT	28	693.76	AC	444	80	SATISFACTORY	Y	
HAM35858	WILLOWLEA CT	TERM S OF ASHWORTH DR	ASHWORTH DR	25	346.97	AC	650	92	GOOD	Y	
HAM06044	WILMER AV	AIRPORT RD	LUNKENPARK DR	44	3705.50	AC	196	42	POOR	Y	
HAM06045	WILMER AV	AIRPORT RD	AIRPORT RD	33	416.86	AC	236	76	SATISFACTORY	Y	
HAM14468	WILMER AV	BEECHMONT CIR	BEECHMONT AV TO BEECHMONT CIR RAMP	40	245.20	AC	650	82	SATISFACTORY	Y	
HAM62166	WILMER AV	BEECHMONT CIR	WILMER AV TO BEECHMONT AV RAMP	16	253.18	AC	413	81	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM06046	WILMER AV	KELLOGG AV	AIRPORT RD	45	901.66	AC	324	55	POOR	Y	
HAM09742	WILMER AV	LUNKENPARK DR	WILMER CT	23	2313.39	AC	206	45	POOR	Y	
HAM09744	WILMER AV	PLAYFIELD LN	BEECHMONT CIR	33	524.91	AC	358	88	GOOD	Y	
HAM06100	WILMER AV	TERM SW OF KELLOGG AV	KELLOGG AV	19	524.75	AC	636	23	SERIOUS	Y	
HAM38928	WILMER CT	BEECHMONT CIR	TERM NE OF BEECHMONT CIR	29	420.73	AC	650	80	SATISFACTORY	Y	UNCOLLECTED PORTION BLOCKED BY VEHICLE
HAM09743	WILMER CT	PLAYFIELD LN	BEECHMONT CIR	22	646.97	AC	650	47	POOR	Y	ONE WAY
HAM38453	WILMINK ST	TERM E OF BAYMILLER ST	BAYMILLER ST	19	76.92		-1	-1		N	BLOCKED BY GATE
HAM35463	WILMONT CT	TERM E OF HEMPWOOD AV	HEMPWOOD AV	23	269.82	AC	650	41	POOR	Y	
HAM08794	WILSHIRE AV	AULT PARK AV	AYLESBORO AV	24	315.75	AC	540	54	POOR	Y	
HAM08797	WILSHIRE AV	AYLESBORO AV	SAYBROOK AV	24	474.76	AC	372	49	POOR	Y	
HAM05698	WILSON AV	EHRMAN AV	BAXTER AV	23	349.20	AC	259	100	GOOD	Y	
HAM05718	WILSON AV	FOREST AV	EHRMAN AV	30	1041.69	AC	391	100	GOOD	Y	
HAM05951	WILSON AV	HEARNE AV	NORTHERN AV	37	328.75	AC	626	100	GOOD	Y	
HAM34675	WILSON AV	NORTHERN AV	ROCKDALE AV	36	551.19	AC	611	100	GOOD	Y	
HAM05705	WILSON AV	ROCKDALE AV	FOREST AV	33	345.71	AC	650	100	GOOD	Y	
HAM01726	WILSONIA DR	TERM S OF BODLEY AV	BODLEY AV	30	401.07	AC	650	50	POOR	Y	
HAM27447	WINCHELL AV	BANK ST	HARRISON AV	31	1059.63	AC	525	40	VERY POOR	Y	
HAM32220	WINCHELL AV	EZZARD CHARLES DR	WINCHELL AV TO I-75 NB EXWY RAMP	38	329.58	AC	131	88	GOOD	Y	ONE WAY
HAM27470	WINCHELL AV	FINDLAY ST	HULBERT AV	37	261.98	AC	155	85	SATISFACTORY	Y	ONE WAY
HAM53325	WINCHELL AV	GARDEN ST	BANK ST	38	263.72	AC	292	81	SATISFACTORY	Y	ONE WAY
HAM27537	WINCHELL AV	GEST ST	I-75 NB EXWY	28	460.71	PCC	330	94	GOOD	Y	ONE WAY
HAM27478	WINCHELL AV	HULBERT AV	LUBKE AL	37	369.30	AC	190	73	SATISFACTORY	Y	ONE WAY
HAM27531	WINCHELL AV	I-75 NB ACCS TO WINCHELL AV RAMP	EZZARD CHARLES DR	40	606.30	AC	217	42	POOR	Y	ONE WAY
HAM27532	WINCHELL AV	I-75 NB EXWY	I-75 NB ACCS TO WINCHELL AV RAMP	33	312.35	AC	320	68	FAIR	Y	ONE WAY
HAM27434	WINCHELL AV	LUBKE AL	GARDEN ST	36	573.84	AC	184	83	SATISFACTORY	Y	ONE WAY
HAM27493	WINCHELL AV	POPLAR ST	FINDLAY ST	36	431.03	AC	175	85	SATISFACTORY	Y	ONE WAY
HAM30673	WINCHELL AV	W LIBERTY ST	POPLAR ST	35	360.93	AC	142	88	GOOD	Y	ONE WAY
HAM55685	WINCHELL AV	WADE WALK ST	W LIBERTY ST	38	430.70	AC	371	87	GOOD	Y	ONE WAY
HAM27515	WINCHELL AV	WINCHELL AV TO I-75 NB EXWY RAMP	WADE WALK ST	36	824.57	AC	153	83	SATISFACTORY	Y	ONE WAY
HAM14292	WINCHESTER AV	CAMBRIDGE AV	LOCKARD AV	14	235.35	AC	650	26	VERY POOR	Y	
HAM36100	WINCHESTER AV	TERM S OF CAMBRIDGE AV	CAMBRIDGE AV	14	441.92	AC	650	40	VERY POOR	Y	
HAM30461	WINDHAM AV	READING RD	ROCKDALE AV	42	1835.09	AC	391	44	POOR	Y	
HAM26203	WINDING WY	DANA AV	MARION AV	36	694.35	AC	535	59	FAIR	Y	
HAM12675	WINDING WY	LENOX PL	AVONDALE AV	35	489.82	AC	371	47	POOR	Y	
HAM12105	WINDING WY	MARION AV	VALLEY LN	37	538.20	AC	506	61	FAIR	Y	
HAM12102	WINDING WY	REDWAY AV	LENOX PL	35	266.32	AC	454	88	GOOD	Y	
HAM12107	WINDING WY	VALLEY LN	REDWAY AV	32	586.66	AC	430	62	FAIR	Y	
HAM50280	WINDISCH AV	TERM W OF TANNEHILL LN	TANNEHILL LN	18	637.82	AC	554	84	SATISFACTORY	Y	
HAM05573	WINDSOR ST	FULTON AV	ST JAMES AV	35	481.18	AC	634	18	SERIOUS	Y	
HAM05579	WINDSOR ST	GILBERT AV	FULTON AV	36	251.02	AC	650	32	VERY POOR	Y	
HAM05669	WINDSOR ST	KEMPER LN	PARK AV	37	478.18	AC	650	21	SERIOUS	Y	
HAM05637	WINDSOR ST	ST JAMES AV	KEMPER LN	35	444.65	AC	650	33	VERY POOR	Y	
HAM03509	WINDSORHILL DR	MOUNTVILLE DR	TERM NW OF MOUNTVILLE DR	24	407.38	AC	650	45	POOR	Y	
HAM06624	WINDWARD ST	BLANEY AV	PLAINVILLE RD	25	616.06	AC	572	41	POOR	Y	
HAM06623	WINDWARD ST	MARIETTA ST	BLANEY AV	25	552.10	AC	535	44	POOR	Y	
HAM06661	WINDWARD ST	PLAINVILLE RD	CINC|COLUTP CORPLINE	28	337.65	AC	557	28	VERY POOR	Y	
HAM36717	WINDWARD ST	TERM W OF MARIETTA ST	MARIETTA ST	17	205.92	AC	650	29	VERY POOR	Y	
HAM38994	WINFIELD AV	TERM S OF WESTHAVEN AV	WESTHAVEN AV	28	844.73	AC	650	62	FAIR	Y	
HAM02090	WINFIELD AV	WESTHAVEN AV	GLENWAY AV	28	676.06	AC	463	66	FAIR	Y	
HAM02300	WING ST	CLAYPOLE AV	LEHMAN RD	16	352.51	AC	650	28	VERY POOR	Y	
HAM02304	WING ST	STERRETT AV	CLAYPOLE AV	21	361.40	AC	594	59	FAIR	Y	
HAM41182	WINGFIELD LN	TERM NW OF LANGDON FARM RD	LANGDON FARM RD	18	405.36	AC	650	68	FAIR	Y	
HAM20276	WINKLER ST	CALUMET ST	BOSLER AL	23	138.82	AC	650	64	FAIR	Y	
HAM20277	WINKLER ST	RICE ST	CALUMET ST	22	472.59	AC	650	84	SATISFACTORY	Y	
HAM00116	WINNESTE AV	CRAFT ST	TOPRIDGE PL	36	1309.01	AC	250	81	SATISFACTORY	Y	
HAM00152	WINNESTE AV	DUTCH COLONY DR	GWINNET RD	37	173.33	AC	650	71	SATISFACTORY	Y	
HAM65715	WINNESTE AV	GARDENHILL LN	Private Section	30	297.69	AC	650	91	GOOD	Y	
HAM33718	WINNESTE AV	GWINNET RD	WINNESTE CT	31	149.60	AC	650	88	GOOD	Y	
HAM00097	WINNESTE AV	KINGS RUN DR	CRAFT ST	37	347.62	AC	488	63	FAIR	Y	
HAM00160	WINNESTE AV	STRAND LN	DUTCH COLONY DR	37	1043.90	AC	311	71	SATISFACTORY	Y	
HAM00190	WINNESTE AV	TOPRIDGE PL	STRAND LN	36	2145.95	AC	228	55	POOR	Y	
HAM33719	WINNESTE AV	WINNESTE CT	GARDENHILL LN	31	740.11	AC	134	87	GOOD	Y	
HAM38120	WINNESTE CT	TERM E OF WINNESTE AV	WINNESTE AV	21	347.80	AC	650	28	VERY POOR	Y	
HAM13104	WINONA TER	DALZELL ST	WARRICK ST	18	321.45	AC	308	31	VERY POOR	Y	
HAM13190	WINONA TER	ERIE AV	DALZELL ST	16	345.75	AC	596	40	VERY POOR	Y	
HAM13147	WINONA TER	ROE ST	VERONA AV	21	419.99	AC	650	42	POOR	Y	
HAM13186	WINONA TER	VERONA AV	ERIE AV	22	407.57	AC	628	37	VERY POOR	Y	
HAM34673	WINSLOW AV	OAK ST	LINCOLN AV	36	1148.41	AC	430	49	POOR	Y	
HAM14455	WINTER ST	KENILWORTH PL	PENNSYLVANIA AV	31	320.44	AC	551	48	POOR	Y	
HAM14463	WINTER ST	PENNSYLVANIA AV	HUTTON ST	25	308.84	AC	521	45	POOR	Y	
HAM00079	WINTON RD	BEECHWOOD AV	GRAY RD	55	255.67	AC	332	83	SATISFACTORY	Y	
HAM00092	WINTON RD	CIRCLE AV	DERBY AV	44	510.83	AC	176	70	FAIR	Y	
HAM00086	WINTON RD	DERBY AV	MCMAKIN AV	48	425.03	AC	189	74	SATISFACTORY	Y	
HAM12974	WINTON RD	DUTCH COLONY DR	OAKFIELD AV	44	3722.05	AC	200	80	SATISFACTORY	Y	
HAM00083	WINTON RD	EAST EPWORTH AV	BEECHWOOD AV	44	681.38	AC	288	67	FAIR	Y	
HAM00114	WINTON RD	GRAY RD	HAND AV	45	507.09	AC	261	77	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM00113	WINTON RD	HAND AV	KINGS RUN DR	43	1577.38	AC	250	83	SATISFACTORY	Y	
HAM18341	WINTON RD	KEENAN AV	CIRCLE AV	45	800.89	AC	168	78	SATISFACTORY	Y	
HAM00186	WINTON RD	KINGS RUN DR	DUTCH COLONY DR	44	3451.04	AC	162	86	GOOD	Y	
HAM00084	WINTON RD	MCMAKIN AV	EAST EPWORTH AV	43	374.78	AC	240	72	SATISFACTORY	Y	
HAM10899	WINTON RD	OAKFIELD AV	W NORTH BEND RD	72	397.56	AC	460	90	GOOD	Y	
HAM27208	WINTON RD	SPRING GROVE AV	KEENAN AV	44	997.91	AC	316	79	SATISFACTORY	Y	
HAM00155	WINTON RIDGE LN	DUTCH COLONY DR	GWINNET RD	18	237.10	AC	650	78	SATISFACTORY	Y	
HAM00406	WINTON RIDGE LN	EAST APPLE ST	LONGWOOD LN	25	2548.17	AC	181	71	SATISFACTORY	Y	
HAM00150	WINTON RIDGE LN	GWINNET RD	EAST APPLE ST	22	400.44	AC	395	86	GOOD	Y	
HAM00101	WINTON RIDGE LN	KINGS RUN DR	WOODEN SHOE HOLLOW DR	19	790.25	AC	398	38	VERY POOR	Y	
HAM10897	WINTON RIDGE LN	LONGWOOD LN	OAKFIELD AV	23	692.42	AC	335	76	SATISFACTORY	Y	
HAM35382	WINTON RIDGE LN	TERM SW OF KINGS RUN DR	KINGS RUN DR	16	1080.88	AC	541	60	FAIR	Y	
HAM00154	WINTON RIDGE LN	WOODEN SHOE HOLLOW DR	DUTCH COLONY DR	19	3240.05	AC	288	35	VERY POOR	Y	
HAM36945	WINTROP AV	TERM S OF LLANFAIR AV	LLANFAIR AV	25	537.89	AC	437	65	FAIR	Y	
HAM38033	WIONNA AV	EDWOOD AV	TERM W OF EDWOOD AV	20	300.02	AC	375	88	GOOD	Y	
HAM09470	WIONNA AV	TEAKWOOD AV	EDWOOD AV	24	1677.58	AC	323	71	SATISFACTORY	Y	
HAM25499	WIRHAM PL	GANO AV	MORRISON AV	30	552.56	AC	650	95	GOOD	Y	
HAM11779	WISCONSIN AV	AKRON AV	RIVER RD	14	572.57	AC	650	93	GOOD	Y	
HAM07829	WISWELL ST	HUNSFORD ST	SHEEHAN AV	27	740.02	AC	462	94	GOOD	Y	
HAM20562	WISWELL ST	SHEEHAN AV	MILLSDALE ST	27	996.86	AC	356	95	GOOD	Y	
HAM11586	WITHANY AV	PACE AV	TERM N OF PACE AV	17	459.60	AC	568	77	SATISFACTORY	Y	
HAM07364	WITLER ST	BLUE ROCK ST	TUDOR AL	25	257.53	AC	641	52	POOR	Y	
HAM07357	WITLER ST	HANFIELD ST	CHASE AV	25	451.53	AC	639	42	POOR	Y	
HAM07361	WITLER ST	TUDOR AL	HANFIELD ST	25	279.25	AC	650	41	POOR	Y	
HAM00867	WITTEKIND TER	DEVONWOOD DR	PEASLEE AV	21	1481.95	AC	430	66	FAIR	Y	
HAM00868	WITTEKIND TER	EDWOOD AV	DEVONWOOD DR	21	1215.54	AC	497	44	POOR	Y	
HAM38043	WITTLOU AV	TERM E OF HAMILTON AV	HAMILTON AV	24	972.59	AC	250	95	GOOD	Y	
HAM22328	WOCHER AV	RIVER RD	TYNDALL AV	20	266.13	AC	650	94	GOOD	Y	
HAM22330	WOCHER AV	TYNDALL AV	HILLSIDE AV	14	153.98	AC	650	59	FAIR	Y	
HAM07744	WOLD AV	DEXTER AV	FAIRFAX AV	36	573.21	AC	650	36	VERY POOR	Y	
HAM07717	WOLD AV	FAIRFAX AV	HINES AL	36	181.20	AC	650	50	POOR	Y	
HAM07725	WOLD AV	HINES AL	KINNEY AV	36	184.42	AC	650	61	FAIR	Y	
HAM07714	WOLD AV	KINNEY AV	MALORY CT	36	185.61	AC	650	51	POOR	Y	
HAM32041	WOLD AV	MADISON RD	DEXTER AV	40	1248.96	AC	592	79	SATISFACTORY	Y	
HAM07713	WOLD AV	MALORY CT	HEWITT AV	36	182.12	AC	650	29	VERY POOR	Y	
HAM54427	WOLSELEY LN		HALE AV	17	254.94	AC	650	39	VERY POOR	Y	
HAM39525	WOOD AV	MIDDLETON AV	TERM W OF MIDDLETON AV	25	923.35	AC	505	83	SATISFACTORY	Y	
HAM39524	WOOD AV	TERM E OF MIDDLETON AV	MIDDLETON AV	29	363.24	AC	650	85	SATISFACTORY	Y	
HAM36671	WOODBINE AV	ANTHONY WAYNE AV	TERM N OF ANTHONY WAYNE AV	25	429.69	AC	608	93	GOOD	Y	
HAM27071	WOODBINE AV	DE CAMP AV	WILDWOOD ST	27	506.29	AC	246	95	GOOD	Y	
HAM26804	WOODBINE AV	E GALBRAITH RD	HUNSFORD ST	27	362.26	AC	509	36	VERY POOR	Y	
HAM07828	WOODBINE AV	HUNSFORD ST	SHEEHAN AV	26	737.64	AC	515	63	FAIR	Y	
HAM26799	WOODBINE AV	KEARNEY ST	E GALBRAITH RD	26	921.05	AC	315	59	FAIR	Y	
HAM20561	WOODBINE AV	SHEEHAN AV	MILLSDALE ST	27	1011.60	AC	375	59	FAIR	Y	
HAM36648	WOODBINE AV	TERM S OF DE CAMP AV	DE CAMP AV	27	700.73	AC	234	94	GOOD	Y	
HAM38893	WOODBRIAR LN	JUNIPER AV	TERM N OF JUNIPER AV	24	365.55	AC	650	67	FAIR	Y	
HAM38895	WOODBRIAR LN	TERM S OF JUNIPER AV	JUNIPER AV	23	692.54	AC	650	47	POOR	Y	
HAM11411	WOODBRIDGE PL	STANLEY AV	TERM SE OF	30	507.45	AC	650	57	FAIR	Y	
HAM09160	WOODBRIDGE PL	TERM NW OF TUSCULUM AV	TUSCULUM AV	4	54.05		-1	-1		N	BOOTS ON THE GROUND / PEDESTRIAN PATHWAY
HAM26430	WOODBURN AV	BLAIR AV	DAUNER AV	36	417.54	AC	430	90	GOOD	Y	
HAM26408	WOODBURN AV	BREWSTER AV	POTTER PL	36	333.87	AC	119	92	GOOD	Y	
HAM05776	WOODBURN AV	BURDETT AV	CLAYTON ST	39	309.11	AC	174	74	SATISFACTORY	Y	
HAM21508	WOODBURN AV	CHAPEL ST	DESALES LN	40	472.85	AC	211	93	GOOD	Y	
HAM26436	WOODBURN AV	CLAREWOOD AV	GRANTWOOD AV	37	199.22	AC	157	90	GOOD	Y	
HAM21562	WOODBURN AV	CLAYTON ST	MYRTLE AV	37	177.51	AC	276	63	FAIR	Y	
HAM26435	WOODBURN AV	DAUNER AV	CLAREWOOD AV	36	202.28	AC	130	89	GOOD	Y	
HAM21521	WOODBURN AV	DESALES LN	GILPIN AV	40	369.38	AC	210	93	GOOD	Y	
HAM21540	WOODBURN AV	DEXTER AV	MERRIMAC ST	40	222.31	AC	237	95	GOOD	Y	
HAM05914	WOODBURN AV	E MCMILLAN ST	LOCUST ST	40	549.04	AC	211	67	FAIR	Y	ONE WAY
HAM26323	WOODBURN AV	FAIRFAX AV	GILBERT AV	40	734.16	AC	463	93	GOOD	Y	
HAM21543	WOODBURN AV	GILPIN AV	NEILSON PL	41	248.60	AC	212	91	GOOD	Y	
HAM26434	WOODBURN AV	GRANTWOOD AV	JONATHAN AV	36	206.19	AC	650	91	GOOD	Y	
HAM26407	WOODBURN AV	JONATHAN AV	BREWSTER AV	44	533.98	AC	365	95	GOOD	Y	
HAM05789	WOODBURN AV	LOCUST ST	WILLIAM H TAFT RD	40	345.26	AC	431	37	VERY POOR	Y	ONE WAY
HAM21500	WOODBURN AV	MADISON RD	CHAPEL ST	38	258.03	AC	650	72	SATISFACTORY	Y	
HAM21493	WOODBURN AV	MERRIMAC ST	FAIRFAX AV	40	350.68	AC	234	95	GOOD	Y	
HAM26321	WOODBURN AV	MONTGOMERY RD	ST LEGER PL	36	160.33	AC	534	85	SATISFACTORY	Y	
HAM21561	WOODBURN AV	MYRTLE AV	MADISON RD	44	296.80	AC	513	69	FAIR	Y	
HAM21542	WOODBURN AV	NEILSON PL	DEXTER AV	40	206.65	AC	190	95	GOOD	Y	
HAM32080	WOODBURN AV	POTTER PL	DANA AV	37	591.55	AC	486	90	GOOD	Y	
HAM26423	WOODBURN AV	RUTH AV	BLAIR AV	36	373.84	AC	650	93	GOOD	Y	
HAM26320	WOODBURN AV	ST LEGER PL	RUTH AV	36	335.04	AC	157	92	GOOD	Y	
HAM05913	WOODBURN AV	WILLIAM H TAFT RD	BURDETT AV	40	265.72	AC	650	53	POOR	Y	
HAM04857	WOODFORD RD	DRYDEN AV	KIMBERLY AV	21	258.97	AC	267	44	POOR	Y	
HAM12073	WOODFORD RD	GRAND VISTA AV	OMEARA PL	24	253.26	AC	290	39	VERY POOR	Y	
HAM11507	WOODFORD RD	KENNEDY AV	WYATT AV	32	793.13	AC	490	73	SATISFACTORY	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM04854	WOODFORD RD	KIMBERLY AV	ROBISON RD	22	453.05	AC	254	64	FAIR	Y	
HAM11518	WOODFORD RD	LILLIAN AV	CINC|SILVTN CORPLINE	21	1457.98	AC	212	89	GOOD	Y	
HAM12005	WOODFORD RD	LOSANTIVILLE AV	RIDGE AV	40	591.58	AC	650	50	POOR	Y	
HAM04856	WOODFORD RD	OMEARA PL	DRYDEN AV	21	189.92	AC	306	75	SATISFACTORY	Y	
HAM12067	WOODFORD RD	PANDORA AV	WOODMONT AV	25	383.17	AC	272	46	POOR	Y	
HAM11517	WOODFORD RD	RED BANK RD	LILLIAN AV	29	388.28	AC	207	81	SATISFACTORY	Y	
HAM33982	WOODFORD RD	RIDGE AV	PANDORA AV	32	416.28	AC	520	45	POOR	Y	
HAM04855	WOODFORD RD	ROBISON RD	KENNEDY AV	32	783.99	AC	346	67	FAIR	Y	
HAM04858	WOODFORD RD	ROBISON RD	ROBISON RD	32	383.66	AC	294	84	SATISFACTORY	Y	
HAM11512	WOODFORD RD	WOODFORD CT	RED BANK RD	32	146.08	AC	245	78	SATISFACTORY	Y	
HAM12098	WOODFORD RD	WOODMONT AV	GRAND VISTA AV	25	611.23	AC	274	60	FAIR	Y	
HAM11508	WOODFORD RD	WYATT AV	WOODFORD CT	32	809.37	AC	148	84	SATISFACTORY	Y	
HAM19712	WOODLAND AV	WASSON RD	MADISON RD	30	770.06	AC	579	54	POOR	Y	
HAM10905	WOODLAND RD	OLD RED BANK RD	RED BANK RD	30	560.51	AC	650	89	GOOD	Y	
HAM20531	WOODLARK DR	ANDETP|CINC CORPLINE	MAYLAND DR	24	975.83	AC	208	87	GOOD	Y	
HAM02439	WOODLAWN AV	BASSETT RD	PRICE AV	29	2332.74	AC	512	85	SATISFACTORY	Y	
HAM02435	WOODLAWN AV	KENSINGTON PL	WARSAW AV	30	327.93	AC	650	66	FAIR	Y	
HAM02436	WOODLAWN AV	OSAGE AV	KENSINGTON PL	30	373.79	AC	227	66	FAIR	Y	
HAM02437	WOODLAWN AV	PRICE AV	OSAGE AV	31	388.10	AC	478	49	POOR	Y	
HAM02020	WOODLAWN AV	WARSAW AV	GLENWAY AV	23	1216.33	AC	382	87	GOOD	Y	
HAM12831	WOODMONT AV	ARROW AV	MONTGOMERY RD	25	338.11	AC	650	75	SATISFACTORY	Y	
HAM12097	WOODMONT AV	E WOODMONT AV	WOODFORD RD	25	295.11	AC	650	60	FAIR	Y	
HAM12827	WOODMONT AV	ORION AV	ARROW AV	24	353.23	AC	650	79	SATISFACTORY	Y	
HAM12248	WOODMONT AV	S WOODMONT AV	E WOODMONT AV	23	866.18	AC	238	67	FAIR	Y	
HAM12065	WOODMONT AV	WOODFORD RD	ORION AV	24	397.85	AC	650	79	SATISFACTORY	Y	
HAM02811	WOODROW AV	FLEETWOOD AV	PANCOAST AV	24	588.63	AC	311	70	FAIR	Y	
HAM02792	WOODROW AV	OCOSTA AV	HARRISON AV	23	338.26	AC	650	51	POOR	Y	
HAM02795	WOODROW AV	PANCOAST AV	OCOSTA AV	24	293.67	AC	262	64	FAIR	Y	
HAM08731	WOODROW ST	GEST ST	HOPKINS ST	29	774.59	AC	308	74	SATISFACTORY	Y	
HAM08712	WOODROW ST	SOUTH ST	WOODROW ST	33	449.92	AC	650	78	SATISFACTORY	Y	
HAM11691	WOODSDALE AV	VINE ST	BURNS AV	26	1319.59	AC	348	50	POOR	Y	
HAM12824	WOODSFIELD ST	LOSANTIVILLE AV	RIDGE AV	23	577.68	AC	650	54	POOR	Y	
HAM32227	WOODWARD ST	GOETZ AL	HANOVER ST	30	103.57	AC	465	91	GOOD	Y	ONE WAY
HAM20307	WOODWARD ST	MAIN ST	GOETZ AL	30	128.91	AC	650	95	GOOD	Y	ONE WAY
HAM38773	WOODY LN	TERM S OF WILLNET DR	WILLNET DR	25	523.80	AC	650	62	FAIR	Y	
HAM05396	WOOL ST	HOBOKEN AL	DELTA AV	18	155.02	AC	650	60	FAIR	Y	
HAM05391	WOOL ST	REDMOND AL	WORTH ST	19	152.26	AC	650	71	SATISFACTORY	Y	
HAM06084	WOOL ST	STANLEY AV	CONGRESS AV	32	292.18	AC	418	94	GOOD	Y	
HAM05387	WOOL ST	STRADER AV	REDMOND AL	16	165.62	AC	650	48	POOR	Y	
HAM05394	WOOL ST	WORTH ST	HOBOKEN AL	20	161.41	AC	567	81	SATISFACTORY	Y	
HAM05931	WOOLPER AV	VINE ST	CLIFTON AV	33	2068.64	PCC	313	87	GOOD	Y	
HAM37813	WOOSTER PL	MCHENRY AV	TERM N OF MCHENRY AV	20	433.14	AC	608	51	POOR	Y	
HAM61916	WOOSTER RD	BEECHMONT AV TO WOOSTER RD RAMP	WOOSTER RD	17	334.41	PCC	209	96	GOOD	Y	
HAM30331	WOOSTER RD	CINC|COLUTP|FAIRFX CORPLINE	RED BANK RD	37	810.54	AC	322	79	SATISFACTORY	Y	
HAM64852	WOOSTER RD	HUTTON ST	WOOSTER ROAD BRIDGE	40	446.67	PCC	245	96	GOOD	Y	
HAM14450	WOOSTER RD	MIAMI AV	CINC|COLUTP|FAIRFX CORPLINE	39	736.48	AC	369	45	POOR	Y	
HAM61918	WOOSTER RD	WOOSTER RD	HUTTON ST	26	226.03	PCC	237	96	GOOD	Y	
HAM61917	WOOSTER RD	WOOSTER RD TO BEECHMONT CIR RAMP	WOOSTER RD	17	266.09	PCC	219	96	GOOD	Y	
HAM64851	WOOSTER RD	WOOSTER ROAD BRIDGE	MIAMI AV	40	5100.59	AC	247	36	VERY POOR	Y	
HAM53322	WORTH ST	BABB AL	RIVERSIDE DR	31	78.96	AC	650	96	GOOD	Y	ONE WAY
HAM05459	WORTH ST	HUMBERT ST	WOOL ST	31	503.01	AC	650	46	POOR	Y	ONE WAY
HAM05390	WORTH ST	WOOL ST	BABB AL	30	398.40	AC	609	60	FAIR	Y	ONE WAY
HAM09729	WORTHINGTON AV	GATE ST	GOBEL AV	20	1240.84	AC	540	64	FAIR	Y	
HAM37097	WORTMAN ST	TERM SE OF EASTERN AV	EASTERN AV	30	238.53	AC	650	36	VERY POOR	Y	UNCOLLECTED PORTION BLOCKED BY DUMPSTER
HAM00319	WREN ST	WHIPPLE ST	HUEY AV	17	318.35	AC	650	45	POOR	Y	
HAM26984	WUEST ST	VINE ST	KESSLER AV	30	637.14	AC	650	84	SATISFACTORY	Y	
HAM03017	WUNDER AV	FISCHER PL	ST CATHERINE PL	37	348.13	AC	650	55	POOR	Y	
HAM03021	WUNDER AV	ST CATHERINE PL	MONTANA AV	37	664.19	AC	460	48	POOR	Y	
HAM11510	WYATT AV	AIKENSIDE AV	WOODFORD RD	19	508.51	AC	561	44	POOR	Y	
HAM07196	WYATT AV	CONGREVE AV	AIKENSIDE AV	23	849.13	AC	199	53	POOR	Y	
HAM07173	WYATT AV	DAVENANT AV	CONGREVE AV	19	449.34	AC	644	41	POOR	Y	
HAM39490	WYE AL	TERM S OF ENYART AV	ENYART AV	11	309.05	AC	650	33	VERY POOR	Y	UNCOLLECTED PORTION UNPAVED ROAD / BLOCKED BY FOLIAGE
HAM35926	WYNNE PL	GRACELY DR	TERM NW OF GRACELY DR	16	277.75	AC	650	95	GOOD	Y	
HAM36840	WYNNEWOOD LN	SUNFIELD DR	TERM E OF SUNFIELD DR	24	639.42	AC	614	51	POOR	Y	
HAM32380	WYOMING AV	DAVORAN ST	LATHAM AV	20	634.61	AC	650	88	GOOD	Y	ONE WAY
HAM12943	WYOMING AV	LATHAM AV	WESTMONT DR	27	659.45	AC	275	93	GOOD	Y	
HAM11705	WYOMING AV	W LIBERTY ST	DAVORAN ST	19	674.43	AC	650	88	GOOD	Y	ONE WAY
HAM12950	WYOMING AV	WESTMONT DR	QUEEN CITY AV	27	2045.85	AC	328	89	GOOD	Y	
HAM21503	YALE AV	GILBERT AV	KEMPER LN	29	334.63	AC	333	95	GOOD	Y	
HAM21522	YALE AV	KEMPER LN	SEMINARY PL	29	328.18	AC	160	93	GOOD	Y	
HAM21505	YALE AV	PARK AV	ALMS PL	30	468.56	AC	650	90	GOOD	Y	
HAM21504	YALE AV	SEMINARY PL	PARK AV	29	149.56	AC	650	94	GOOD	Y	
HAM23894	YARMOUTH AV	MATLOCK AV	YARMOUTH PL	26	844.23	AC	480	94	GOOD	Y	
HAM40462	YARMOUTH AV	OAKDALE AV	OBERLIN AV	28	524.19	AC	411	93	GOOD	Y	
HAM23893	YARMOUTH AV	OBERLIN AV	MATLOCK AV	26	537.71	AC	491	94	GOOD	Y	
HAM40492	YARMOUTH AV	TERM W OF OAKDALE AV	OAKDALE AV	30	415.35	AC	470	95	GOOD	Y	

FEATUREID	STREET NAME	FROM	TO	WIDTH	LENGTH	SURFACE TYPE	AVG IRI	DTS PCI	PCI CATEGORY	COLLECTED	DTS NOTES
HAM23902	YARMOUTH AV	YARMOUTH PL	READING RD	25	615.52	AC	594	93	GOOD	Y	
HAM23898	YARMOUTH PL	JOSEPH ST	YARMOUTH AV	20	333.25	AC	546	93	GOOD	Y	
HAM35505	YEARLING CT	TERM E OF MUSTANG DR	MUSTANG DR	36	295.42	AC	427	63	FAIR	Y	
HAM11839	YOAST AV	BALTIMORE AV	HARKNESS ST	17	287.18	AC	650	88	GOOD	Y	
HAM11850	YOAST AV	HARKNESS ST	RANDALL AV	21	1005.38	AC	278	90	GOOD	Y	
HAM11857	YOAST AV	RANDALL AV	SAFFER ST	16	395.35	AC	342	91	GOOD	Y	
HAM52583	YOAST AV	TERM NE OF BALTIMORE AV	BALTIMORE AV	14	153.28	AC	650	91	GOOD	Y	
HAM21935	YONKERS AV	BEEKMAN ST	MOOSEWOOD AV	24	317.20	AC	650	58	FAIR	Y	
HAM08192	YORK ST	ACME AL	BAYMILLER ST	31	125.81	AC	595	83	SATISFACTORY	Y	
HAM08256	YORK ST	BAYMILLER ST	GAY AL	31	124.34	AC	620	67	FAIR	Y	
HAM27474	YORK ST	BRIGHT AL	COLERAIN AV	31	119.05	AC	206	66	FAIR	Y	
HAM08361	YORK ST	CENTRAL AV	JOHN ST	32	372.21	AC	444	53	POOR	Y	
HAM32146	YORK ST	COLERAIN AV	LUBKE AL	32	120.55	AC	598	35	VERY POOR	Y	
HAM38530	YORK ST	DALTON AV	TERM W OF DALTON AV	17	402.28	AC	650	24	SERIOUS	Y	
HAM27464	YORK ST	FREEMAN AV	KIMPEL AL	30	127.68	AC	650	58	FAIR	Y	
HAM08255	YORK ST	GAY AL	PINK AL	30	363.18	AC	129	80	SATISFACTORY	Y	
HAM08360	YORK ST	JOHN ST	KEYWITT AL	31	475.87	AC	365	69	FAIR	Y	
HAM08274	YORK ST	KEYWITT AL	LINN ST	30	163.93	AC	650	56	FAIR	Y	
HAM27475	YORK ST	KIMPEL AL	BRIGHT AL	28	220.17	AC	177	68	FAIR	Y	
HAM08401	YORK ST	LINN ST	ACME AL	31	465.66	AC	538	86	GOOD	Y	
HAM27465	YORK ST	PINK AL	FREEMAN AV	30	134.69	AC	650	81	SATISFACTORY	Y	
HAM39134	YORKSHIRE PL	NORTHWOOD DR	NORTH TERM	24	686.30	PCC	601	70	FAIR	Y	
HAM35325	YORKTOWN RD	HAVENWOOD CT	MOSAIC LN	21	268.96	AC	480	63	FAIR	Y	
HAM61564	YORKTOWN RD	MORNINGDEW CT	VIOLETA LN	24	128.13	AC	214	84	SATISFACTORY	Y	
HAM34828	YORKTOWN RD	MOSAIC LN	MORNINGDEW CT	21	300.68	AC	395	79	SATISFACTORY	Y	
HAM61563	YORKTOWN RD	VIOLETA LN	RHODE ISLAND AV	24	142.65	AC	521	82	SATISFACTORY	Y	
HAM12025	YOSEMITE DR	LANGDON FARM RD	CINC|GOLFMN CORPLINE	24	223.85	AC	650	89	GOOD	Y	
HAM27813	YOUNG ST	BOAL ST	TERM N OF	11	206.93		-1	-1		N	BOOTS ON THE GROUND / STAIRCASE
HAM26101	YOUNG ST	BODMANN AV	SOUTHERN AV	24	581.79	AC	505	53	POOR	Y	
HAM26094	YOUNG ST	CARMALT ST	DORCHESTER AV	30	306.03	AC	645	31	VERY POOR	Y	
HAM33560	YOUNG ST	CHANNING ST	CARMALT ST	30	300.38	AC	601	18	SERIOUS	Y	
HAM20173	YOUNG ST	CORPORATION AL	YOUNG ST	3	92.22		-1	-1		N	STAIRCASE
HAM26103	YOUNG ST	DORCHESTER AV	BODMANN AV	30	251.77	AC	650	51	POOR	Y	
HAM20128	YOUNG ST	LIBERTY HILL	CORPORATION AL	22	164.11	AC	650	77	SATISFACTORY	Y	
HAM27812	YOUNG ST	MILTON ST	BOAL ST	11	168.06		-1	-1		N	BOOTS ON THE GROUND / STAIRCASE
HAM26102	YOUNG ST	SLACK ST	RINGGOLD ST	29	194.87	AC	650	60	FAIR	Y	
HAM20115	YOUNG ST	YOUNG ST	SLACK ST	29	113.12	AC	650	54	POOR	Y	
HAM27814	YOUNG ST	YOUNG ST	MILTON ST	24	74.01		-1	-1		N	STAIRCASE
HAM38831	ZAN CT	TERM S OF LINWOOD AV	LINWOOD AV	23	277.03	AC	650	75	SATISFACTORY	Y	
HAM10253	ZIEGLE AV	MONTEITH AV	OUTLOOK AV	30	337.28	AC	650	55	POOR	Y	
HAM10254	ZIEGLE AV	MONTEITH AV	MONTEITH AV	31	167.61	AC	514	58	FAIR	Y	
HAM09341	ZIEGLE AV	OUTLOOK AV	PAXTON AV	30	335.21	AC	650	52	POOR	Y	
HAM10252	ZIEGLE AV	SHADY LN	MONTEITH AV	13	187.93	AC	650	58	FAIR	Y	
HAM08427	ZIER PL	CLIFTON AV	TERM W OF W CLIFTON AV	11	157.25	AC	650	65	FAIR	Y	
HAM00247	ZINN PL	GRACELY DR	REVERE AV	21	609.25	AC	650	72	SATISFACTORY	Y	
HAM04759	ZINSLE AV	COLERIDGE AV	RED BANK RD	28	634.99	AC	283	63	FAIR	Y	
HAM11469	ZINSLE AV	HEDGE AV	PLAINFIELD RD	25	968.56	AC	339	37	VERY POOR	Y	
HAM04756	ZINSLE AV	KENNEDY AV	COLERIDGE AV	25	989.54	AC	647	39	VERY POOR	Y	
HAM11466	ZINSLE AV	RED BANK RD	HEDGE AV	25	840.09	AC	606	52	POOR	Y	
HAM11544	ZINSLE AV	ROGERS PARK PL	TYNE AV	21	194.14	AC	650	45	POOR	Y	
HAM11540	ZINSLE AV	TYNE AV	TYNE AV	25	171.14	AC	527	46	POOR	Y	
HAM11573	ZINSLE AV	TYNE AV	KENNEDY AV	25	395.43	AC	482	42	POOR	Y	
HAM13506	ZULA AV	CORONADO AV	BENZ AV	25	434.03	AC	650	84	SATISFACTORY	Y	
HAM02139	ZULA AV	OVERLOOK AV	RULISON AV	30	177.80	AC	650	61	FAIR	Y	
HAM02138	ZULA AV	RULISON AV	CORONADO AV	31	276.40	AC	335	37	VERY POOR	Y	
HAM19746	ZUMSTEIN AV	ERIE AV	MADISON RD	36	1762.72	AC	496	94	GOOD	Y	
HAM37118	ZUMSTEIN AV	SOUTH TERM	ERIE AV	35	373.84	AC	650	95	GOOD	Y	

2021 Traffic Engineering Infrastructure Annual Report

Signal Section

The DOTE is responsible for traffic signals and school flashers in the public right-of-way. The City has approximately 6,500 intersections, more than 800 of which have a traffic signal and 91 school flashers. DOTE's Traffic Engineering Division rebuilds aging infrastructure based on a 25-year life cycle schedule. The average age of the traffic signals in the City's system is 26 years and many signals are at the end of their service life. On average, over the past 10 years the Division has installed 14 signals a year. However, this included the new signals installed with development or the addition of new streets in addition to ones that have been rebuilt.

Infrastructure Details- Traffic Signals/Flashers

Age of Signal Infrastructure	Number of Intersections	Condition
2011 or newer (0-10 years)	125	New to Good
2001 to 2011 (10-20 years)	151	Good to Fair
1991 to 2001 (20-30 years)	242	Fair to Poor (Near Useful Life)
Older than 1991	291	Poor (Past Useful Life)
TOTAL	809	

The average age of the traffic signal infrastructure is 26 years (1994).

The average number of signals built per year in the last 10 years is 14, which includes signals built with projects and new construction/development and rebuilt signals.

Infrastructure Costs

Total Infrastructure Costs	Replacement Cost (25 yr Cycle)	Annual Budget Allocated
$85,450,000	$3,418,000	$800,000.00

Lighting Section

The lighting system throughout the City is broken into three categories- City owned lights, City owned assessed lights, and Duke lights. In general, light fixtures in each of the three categories have been converted to LED over the last 5 years. The City owned lights (4500 fixtures) were converted to LED in 2014 using a performance contract with Honeywell.

The City owned assessed lighting (about 4000 fixtures) is a combination of light types. About 700 of these fixtures have been converted to LED. The remaining balance of the City owned assessed lights are HID lamps and will require additional costs for to convert to LED. Unfortunately, we are not sufficiently funded to accomplish this with the current capital allocations. About 500-600 Duke owned fixtures around the University of Cincinnati campus have been converted to LED under two separate agreements with UC. We are in discussions with Duke Energy regarding options for converting the remaining Duke

owned lights to LED (about 20000 fixtures). The conversion will require City capital that DOTE is not currently allocated to complete the LED change over for the remaining Duke Energy owned lights.

Infrastructure Details- Gas Street Lighting

Age of Gas Street Light Infrastructure	Number of Lights	Condition
Over 40 years	1096	Poor

DOTE has routinely requested the gas street light program be setup for assessment.

Total Infrastructure Costs	Replacement Cost (25 yr Cycle)	Annual Budget Allocated
$4,400,000	$176,000	$0

The current annual maintenance spend is over $275,000 annually.

Infrastructure Details- City Owned Electric Lighting (Assessed)

Age of Electric Street Light Infrastructure (Assessed)	Number of Lights	Condition
Over 40 years	3990	Fair

DOTE maintains the assessed street lights. 700 of the incandescent fixtures were converted to LED in 2018. The condition of much of the downtown assets is poor to failed due to the condition it was in when sold by Duke to the City.

Total Infrastructure Costs	Replacement Cost (25 yr Cycle)	Annual Budget Allocated
$47,500,000	$1,900,000	$0

The current assessment recovery covers annual maintenance and energy costs only and does not address conversion to LED or replacement costs.

Infrastructure Details- City Owned Electric Lighting

Age of Electric Street Light Infrastructure	Number of Lights	Condition
Over 40 years	4,500	Fair/Poor

DOTE maintains the City Owned street lights. 4500 of the light fixtures were converted to LED in 2014. The conversion represented about 75 percent of the fixtures being upgraded with 25 percent being replaced.

Total Infrastructure Costs	Replacement Cost (25 yr Cycle)	Annual Budget Allocated
$53,650,000	$2,144,000	$116,000.00

Infrastructure Details- Duke Owned Electric Lighting

Age of Electric Street Light Infrastructure	Number of Lights	Condition
Over 25 years	2,1000	Poor/Failed

DOTE has routinely requested the electric street lights owned by Duke to be converted to LED. DOTE currently pays lighting maintenance charges (since 2009 sale) that more than cover the cost to replace the fixtures. Duke has provided a quote of $10,300,000 to replace the HID lights with LED. The City continues to insist Duke replace the fixtures as part of the lighting maintenance charges.

Total Infrastructure Costs	Replacement Cost (25 yr Cycle)	Annual Budget Allocated
$,8,400,000	$336,000	$190,000

The current annual lighting maintenance spend is over $500,000 annually.

Operations Section

The City has over 985 miles of paved streets with traffic control signs and pavement markings. The roadways contain approximately 300,000 traffic control signs and about 750 miles of pavement marking lines.

Infrastructure Details- Signs

Sign Type	Number of Signs	Condition
Street Name	18,590*	No data available
Traffic Control	258,058*	No data available

*Calculated value based on historical data. Values are to be certified when asset management project is completed.

Total Infrastructure Costs	Replacement Cost (15 yr Cycle)	Annual Budget Allocated
$31,800,000	$2,120,000	$0.00

Infrastructure Details- Guardrail

Sign Type	Total LF	Condition
W-Beam Guardrail	Not available	No data available
Wood Guardrail	Not available	No data available

Concrete Rail	Not available	No data available
Total All Types	328,700+	No data available

+ Estimated total length developed by sampling existing principal arterial streets . More accurate data is being evaluated with the asset management project.

Total Infrastructure Costs	Replacement Cost (15 yr Cycle)	Annual Budget Allocated
$16,500,000	$1,100,000	$0.00

Infrastructure Details- Pavement Marking

Marking Type	Number/ LF	Condition
Symbols	16,856	No data available
Lines	3,864,828+	No data available

+ Estimated total length developed by sampling existing street network . Value based on asset management inventory data. Values are to be certified when asset management project is completed.

Total Infrastructure Costs	Replacement Cost (5 yr Cycle)	Annual Budget Allocated
$2,600,000 symbols	$520,000	$0.00
$19,400,000 lines	$3,900,000	$0.00

Infrastructure Details- Raised Pavement Markers

Type	Number of Markers	Condition
RPM	53,343	No data available

Value based on data in asset management GIS layer. Values are to be certified when asset management project is completed.

Total Infrastructure Costs	Replacement Cost (25 yr Cycle)	Annual Budget Allocated
$2,700,000	$108,000	$100,000.00

Summary of Replacement Costs

Asset Type	Replacement Cost Program	Replacement Cost Annual

Traffic Signals	$85,450,000	$3,418,000
Gas Street Lights	$4,400,000	$176,000
Electric Street Lights (Assessed)	$47,500,000	$1,900,000
Electric Street Lights City Owned	$53,650,000	$2,144,000
Electric Street Lights Duke Owned	$,8,400,000	$336,000
Traffic Signs	$31,800,000	$2,120,000
Guardrail	$16,500,000	$1,100,000
Raised Pavement Markers	$2,700,000	$108,000
Pavement Marking	$22,000,000	$4,420,000
Total	$272,400,000	$15,722,000

2021 RETAINING WALL AND LANDSLIDE REPORT





Department of Transportation and Engineering
Division of Engineering
Structures and Geotechnical Section

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Note: This report updates the information concerning walls that were under construction or being designed that were presented in the "2020-2021 Retaining Wall and Landslide Report" (20-21 Report). Walls completed in 2021 that were described in the 20-21 Report are repeated in this report. Retaining Wall Inspection Summaries of walls inspected in 2020 were presented in the 20-21 Report and are not included in this report. This report includes the summaries of the walls inspected in the 2021 calendar year.

INTRODUCTION

Retaining walls are an essential part of Cincinnati's transportation network, protecting roadways, sidewalks and stairways from landslides and hillside slippage. Timely maintenance is important for the safety and welfare of the traveling public. The Department of Transportation and Engineering (DOTE) is the city agency responsible for inspecting, maintaining, and improving the transportation system within the City of Cincinnati. The Wall Stabilization & Landslide Correction Program is the specific program within DOTE charged with the responsibility of maintaining the retaining walls within this transportation system and stabilizing landslides within the public right-of-way.

RETAINING WALL DATABASE AND INSPECTION

Essentially every retaining wall within or adjacent to the right-of-way has been inventoried and is included in the Retaining Wall Database (RWD). There is a total of 7,311 retaining walls having a length of approximately 173.7 miles included in the RWD. DOTE is responsible for maintaining 1,619 walls having a total length 53.38 miles.

Wall Owner	Number	Length-Feet	Length-Miles
Transportation and Engineering	1619	281,855	53.38
Other Departments	212	43,602	8.26
Maintenance Agreements	97	9,494	1.80
Unknown	40	7,638	1.45
Hamilton County	14	5,107	0.97
ODOT	190	54,664	10.35
Private	5139	514,668	97.48
TOTALS:	**7,311**	**917,028**	**173.68**

The Retaining Wall Database (RWD) formerly known as WITS (Wall Inventory Tracking System) was created in 1991. The RWD was upgraded to a geodata system in 2015 and is now directly accessed through ArcGIS. A web supported viewing and reporting system of the retaining walls contained in the RWD is also included in DOTE's Asset Management Portal. Maintenance and updating of the database is highly dependent on assistance from personnel from Enterprise Technology Solutions (ETS).

DOTE personnel inspect DOTE walls and walls owned and maintained by other city departments. The city is divided into six inspection districts (Inspection District Map Section 5 of report). Each district is inspected once every six years. In addition to the individual inspection district, all walls that are rated in poor or critical condition are inspected yearly. Other inspections are performed if a wall is damaged in an automobile accident or if a complaint is received. All newly constructed, replaced, or repaired walls are inventoried and inspected.

The objectives of the inspections are to:

1. Locate and determine the extent of any weakness or damage so that appropriate corrective actions can be taken to ensure public safety.

2. Provide a current information database on the condition of City owned retaining walls within Cincinnati so that maintenance, repair, and replacement projects can be scheduled efficiently.

The goal of the Retaining Wall Program is to preserve the structural integrity of all walls maintained by DOTE. DOTE established the following performance measures to track progress towards accomplishing this objective.

1. DOTE personnel will annually inspect all City walls (excluding flood walls) in one inspection district and all walls that are rated 3 (Poor) or 4 (Critical) condition. DOTE personnel will also inspect new, replaced, repaired, and damaged walls. They will maintain an inventory of all walls that are in or near public streets within the City of Cincinnati and annually submit a report summarizing the condition of City owned walls.

2. Within the limits of available funding, retaining wall personnel will develop and manage a wall maintenance, repair, and replacement work program to maintain a Satisfactory Structural Rating for 80% or more of the walls maintained by DOTE.

DOTE personnel inspected a total of 271 walls having a total length of 9.37 miles in the 2021 inspection district. These walls were in the communities of:

1 – Queensgate
2 – West End
3 – CBD-Riverfront
4 – Over the Rhine
5 – Mount Adams
6 – Mount Auburn
49 – Pendelton

Section 4 of the report summarizes the results of the inspections completed in 2021.

RETAINING WALL CONDITION SUMMARY

Tables and graphs summarizing the condition of DOTE maintained walls and other city-maintained walls are shown in Section 2 of this report. The rating of each wall is based on the structural wall rating which ranges from Excellent (0) to Critical (4). The structural condition ratings are defined in Section 2 of this report. One-hundred-six (106) of the 1,619 (6.55%) walls maintained by DOTE have a Structural Rating of Poor (3). Twelve (12) walls, 0.74% of DOTE walls have a Structural Rating of Critical (4).

Tables of all DOTE walls and walls maintained by others with a Poor (3) or Critical (4) condition rating are also listed in Section 2.

A list of the priority and estimated costs to replace or repair DOTE walls is shown on the Wall Repair Priority and Estimated Funding List in Section 3 of this report. The list identifies whether the cost to replace/repair is a capital or maintenance expense. The estimated costs are conceptual and are primarily based on the inspection reports and photographs. The costs are only intended to establish basic funding needs and are not considered engineer's estimates. The priority for replacement/repair is based on the walls' impact on public safety, performance, the area it supports, further deterioration if not repaired, and degree of consequences if left unrepaired.

A summary of the Wall Repair Priority & Estimated Funding Table is given below.

WALL REPAIR PRIORITY AND ESTIMATED FUNDING SUMMARY

Capital Cost	
High Priority (11 walls)	$1,112,000
Medium Priority (11 walls)	$579,000
Low Priority (40 walls)	$2,677,400
TOTAL (62 walls)	$4,368,400

Maintenance Costs	
High Priority (21 walls)	$60,000
Medium Priority (89 walls)	$248,000
Low Priority (78 walls)	$157,850
TOTAL (188 walls)	$465,850

The total estimated maintenance and capital construction cost to replace/repair the walls to bring all walls to a condition of Satisfactory or better is $4,834,250. This estimated conceptual cost does not account for costs associated with design, construction management, real estate, or inflation.

FUNDING

In 1987, the Smale Commission, which studied Cincinnati's infrastructure, put an emphasis on the need to stabilize a backlog of landslides and the need for the repair and replacement of retaining walls throughout the city. Annual Capital funding for the Wall Stabilization and Landslide Correction Program which began in 1989 has substantially declined over the years from a high point of $1.84 million in 1995 to a low of $550,000 in Fiscal Year (FY) 2016.

Maintenance Funds specifically for the maintenance of retaining walls were at an annual level of $500,000 between 1989 and 1992 and $200,000 between 1993 and 1995. Neither DOTE or Public Services received maintenance funds between 1996 and 2020. Operating Funds in the amount of $250,000 for the maintenance of retaining walls was established in 2020.

Major repairs or complete reconstruction of retaining wall repairs are funded from the same Capital funds used for landslide stabilization projects. Most of the salaries of DOTE personnel within the program are funded directly from the program. Construction management and inspection services are also funded from the program.

Eight-hundred thirty thousand twenty-one ($830,021) was available in the Wall Stabilization and Landslide Correction Program on July 5,2 022. This amount does not include any of $700,000 Fiscal Year (FY) 2023 Capital Fund.

The Wall Stabilization & Landslide Correction Six Year Plan included in Section 3 of the report demonstrates that the current level of funding is not sufficient to adequately address the maintenance and replacement of existing retaining walls and the stabilization of landslides which impact the roads. The total projected funding over the six-year period for fiscal years 2022 to 2027 is $5,390,021. Expenses in the six-year plan total $8,741,500 with most of the budget being used for the stabilization of landslides. As previously shown, the estimated conceptual construction cost to repair or replace structurally deficient retaining walls alone is on the order of $4.8 million. The six-year plan places a priority on the stabilization of landslides and does not address the bulk of the structurally deficient walls.

The Wall Stabilization and Landslide Correction Program is highly dependent on securing outside funding. The plan is dynamic and will be revised pending the availability off outside funding or if circumstances, such as prolonged rainfall, cause a change in priorities.

Retaining walls and landslide locations will continually be inspected and evaluated. The program will prioritize allocated funding to address the most critical locations given the constraints of the budget.

CAPITAL IMPROVEMENT PROJECTS COMPLETED IN 2021

Summaries of Capital Improvement projects started, completed or under construction in 2021 were presented in the 2020-2021 Retaining Wall and Landslide Report. Summaries of the projects completed in 2021 are repeated in this report along with updates for projects started in 2021 that are still under construction.

Berkshire Lane Pier Wall Project – Construction cost – $143,206

Notice to proceed 7/12/21

The existing creek bank which supports Berkshire Lane was being severely eroded. The erosion caused settlement of the guardrail and undermined the pavement resulting in the loss of pavement. The repair consisted of the installation of a 166 ft. long pier wall consisting of twenty-eight 30-inch diameter piers and fifty-six 24-inch diameter plug piers. Guardrail upgrades and pavement repair were also included in the project. The project was completed in August of 2021.



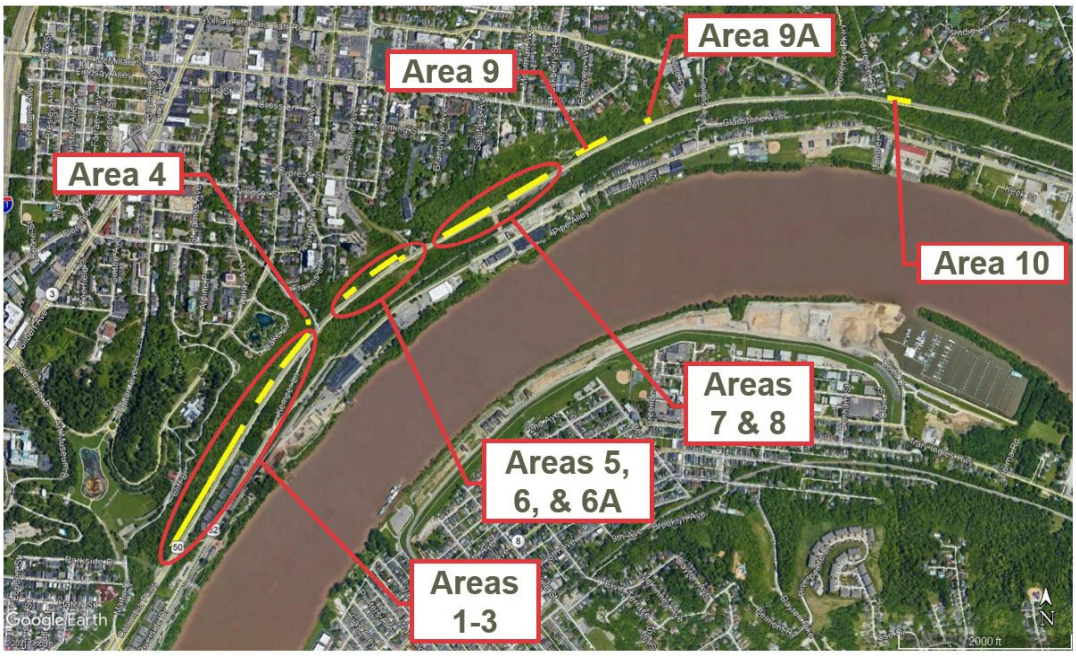


<u>Columbia Parkway Hillside Stabilization Project Bains to Torrence</u> – Project cost-$17,612,449

The Columbia Parkway Hillside Stabilization Project Bains Street to Torrence Avenue was completed on September 22, 2021. The Design-Build team of the Beaver Excavating Company (Beaver) and their design consultant Geotechnology, Inc. was selected on June 7, 2019.

The project addressed landslides on the uphill side of the Parkway from Bains Street to Torrence Parkway and one slide location east of Torrence. The landslide locations as presented in the 2019 Columbia Parkway Landslide Evaluation and Report, Bains Street to Torrence Parkway is shown below.

Stabilization Areas

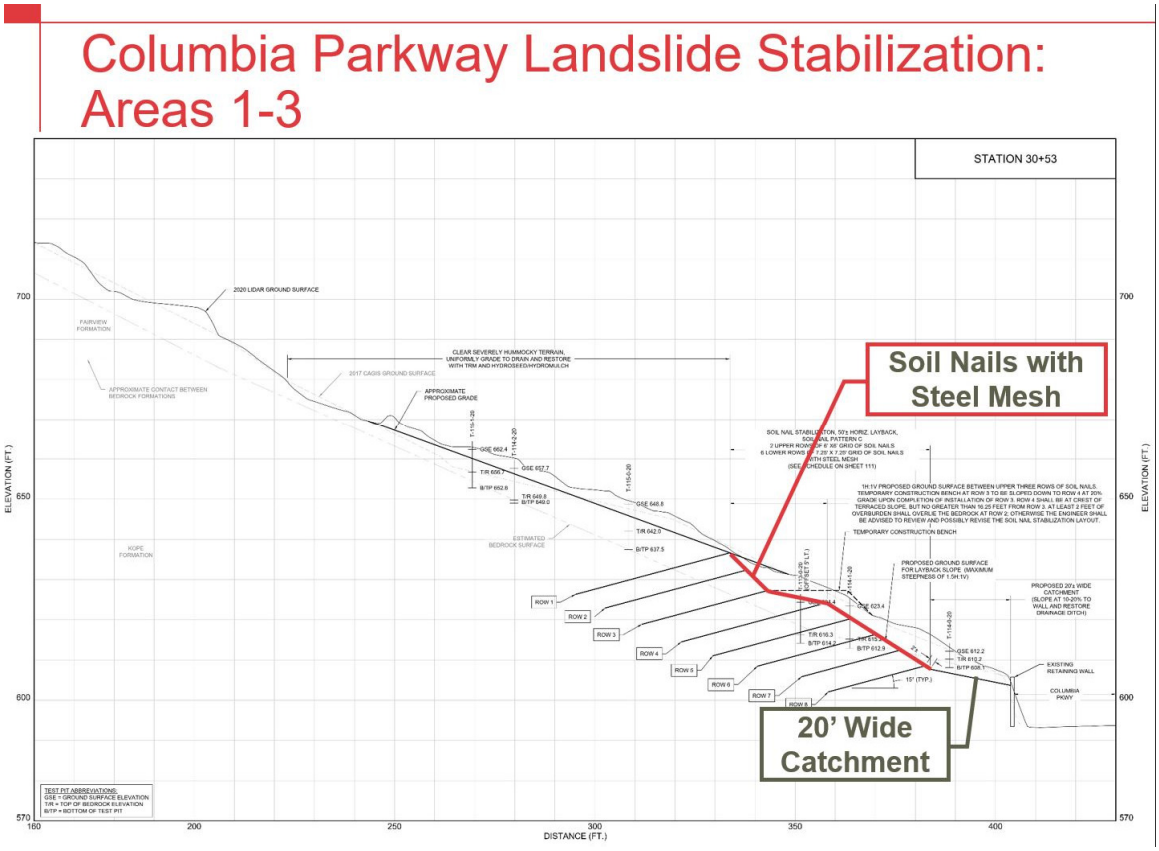


Areas 5 through 10 were constructed in 2019 and 2020 at a total cost of $9,925,194.52 which includes $1,229,800.00 for exploration and design of all the landslide areas. Beaver and Geotechnology began exploration for design in August of 2020. Summaries of Area 5 through 10 are given in the 20-21 Report. The summary for Areas 1 through 3 presented in the 20-21 Report is repeated in this report since it was completed in 2021 CY.

Area 1-3

Construction Start Date: 6/17/2020
Completion Date: 9/22/2021
Cost of Construction: $7,687,254

The section of the project from Bains Street to Kemper Lane was initially divided into three separate sections Areas 1, 2 and 3 and include lengths between the Areas where work was not originally proposed. Further inspection of the hillside revealed sections between the defined areas that needed stabilization. Access and constructability also required a continuous path above the existing retaining wall on Columbia Parkway. The entire length of the hillside, 3,045 feet, from Bains Street to Kemper Lane was stabilized with the soil nail stabilization system. Three-thousand-one hundred soil nails were installed on the hillside. The wire mesh covers an area of 169,000 square feet. Over 40,000 cubic yards of soil was removed from the slope.

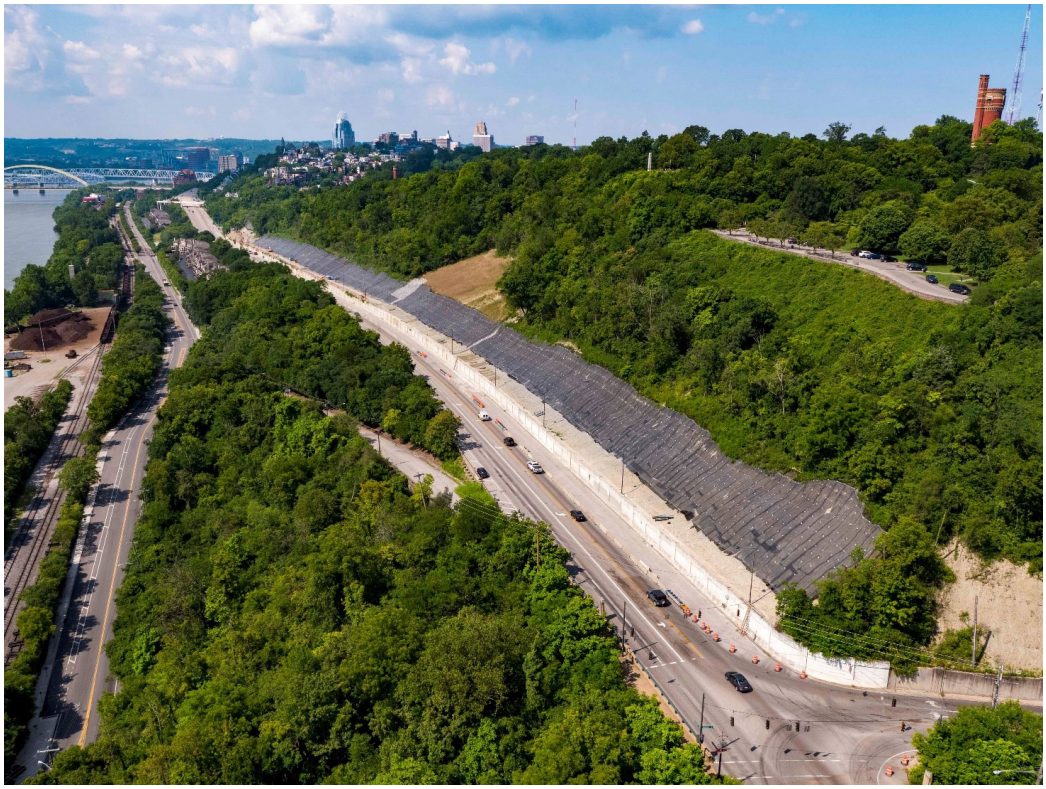


Area 1-3 – (Continued)





Area 1-3 – (Continued)





Boal Street Partial Retaining Wall Replacement – Construction cost - $148,568

The retaining wall behind 440 Milton Street which supports Boal Street was repaired in 2018. The repair consisted of a masonry reconstruction of the stone wall. This same section of wall failed again in 2020. The current project replaced the stone wall with drilled piers and concrete lagging with a stone facing. The project also improved drainage by changing the grades and replacement of the sidewalk to direct water away from the wall. A wall cap and new, upgraded railing are included in the project. The project was essentially complete in 2021. The fabrication of the metal railing delayed completion until March of 2022.





<u>Grandin Road Retaining Wall Extension</u> – Construction cost $205,317

The western end of the existing drilled pier retaining wall built in 1995 was extended to stabilize Grandin Road from continued slope movement. The movement had undermined the guardrail, damaged a paved drainage channel and the roadway shoulder.

The project consisted of the construction of a 230-foot drilled pier wall, consisting of 35 reinforced piers with plug piers between most of the reinforced piers. Notice to proceed was issued in October and the project was completed at the end of December of 2021.





PROJECTS DESIGNED IN 2020-2021 CURRENTLY UNDER CONSTRCUTION

Cummins Street Improvement – Contract Amount $3,541,580.75

Notice to proceed 7/6/2021

The Cummins Street Improvement is currently under construction. The established substantial completion date is 1/6/2023. The improvement project includes street rehabilitation of the roadway in addition to the wall improvements described below.

DOTE was awarded an OPWC grant for the repair of the existing wall and concrete railing, and the rehabilitation of the pavement on Cummins Street from Beekman Street to Carll Street. The grant is in the amount of up to $2,475,257. The grant requires local matching funds up to approximately $849,743, which are available in existing capital improvement program project account no. 980x233x202311 "Cummins Street Improvements". DOTE provided existing capital resources for engineering and right-of-way tasks such as design, surveying, materials testing, appraisals, property negotiations, right-of-way certifications, and project administration.

The existing retaining wall on Cummins Street was constructed in the 1930's. The retaining wall has a length of 1,810 feet and a maximum height of eighteen feet. The roadway of Cummins Street is two through lanes and one parking lane on the opposite side of the wall. The total width of the roadway is 30 feet.

The existing wall is in fair condition, the coping which is attached to the wall and the concrete railing which is attached to the coping is in a failed to critical condition. Sections of the railing have deteriorated, exposing reinforcing steel. Sections of the railing which appear visually sound crumble with a grasp of the hand. Guardrail sections have been bolted to the pilasters throughout the years to temporarily repair the railing.

The project requires removal of disintegrated concrete down to sound concrete and replacement of concrete removed. Soundings revealed approximately 2,000 square feet of unsound concrete. Joints between the panels will be reconstructed and the entire wall will be sealed. The repairs to the retaining wall are essential to avoid complete replacement of the retaining structure. The existing concrete railing and coping will be replaced with a Texas Style rail mounted on a concrete moment slab which rests on top the existing retaining wall.

Cummins Street Improvement – (Continued)





<u>Dorchester Avenue Wall Repair</u> (Mt. Auburn) – Bid cost – $60,000

The sidewalk on Dorchester Avenue remains closed due to the collapsed of a wall. The collapsed wall served as the foundation wall of a private building on Sycamore and was a privately owned wall. DOTE prepared plans to permanently repair the wall in order to protect City owned infrastructure. The repair is included in the Auburn Avenue Phase II Project which was bid in October of in 2021. The repair consists of soil nails. Construction on the wall started in July of 2022.





TROD REPAIRS 2021

The Transportation and Roadway Operations Division (TROD) did not have to remove any landslide debris from any roadway within the city in 2021.

TROD completed three significant wall construction projects in 2021, the Hamilton Avenue Wall Repair, Wall Replacement at Liberty and Grand Avenues and the construction of a concrete cap on the Guerley Avenue modular block retaining wall.

Hamilton Avenue Segmental Wall Repair

A segmental retaining wall constructed in 2009 as part of a roadway improvement project had been repeatedly struck in vehicle crashes. DOTE received State of Ohio funding for safety upgrades to the roadway, but the matching costs associated with the bids received for the proposed wall repairs and improvements were beyond available funding. Following the completion of the roadway safety improvements the reconstruction and removal of the damaged sections of the retaining wall were done by TROD and funded by DOTE Wall Program.



Hamilton Avenue Segmental Wall Repair- (Continued)



Grand Avenue at West Liberty Retaining Wall – $20,545

The stone retaining wall on the north side of 1271 Grand Avenue failed and was replacement with a large block modular retaining wall. The wall was constructed by TROD and funded by DOTE Wall Program.



<u>Guerley Road Wall Cap</u> – Construction price $9,116.83

Most of the caps on the wall were loose, broken, severely deteriorated or missing. The prefabricated modular caps were replaced with a cast-in-place wall cap. The cap was constructed by TROD and funded by DOTE Wall Program.





PROJECT DESIGNED COMPLETED IN 2020-2021- TO BE BID

Plans for the following projects have been completed and will be bid. Both projects are DOTE Transportation Design Projects that include stabilization of a landslide.

West Galbraith Road (@ 341) – Anticipated project cost –$200,000

A landslide is occurring along the eastbound lane of West Galbraith Road, near 341 W. Galbraith Rd. The slide has moved the curb and guardrail significantly and created a dip in the pavement. DOTE was awarded OPWC funding for the street improvement project that includes this section of roadway. The site has been investigated and plans to remediate the landslide have been completed and will be included with the street improvement project. The repair consists of excavation and compaction of the soil on benches cut into the underlying bedrock. Underdrains are to be installed on the bedrock benches prior to the replacement of the excavated soil. TROD has recently patched the area to temporarily repair the dip in the road.



<u>Beekman Street (@ 3138)</u> - Anticipated project cost –$200,000

A private retaining collapse on the property at 3090 Beekman Street has caused a landslide to occur along the roadway that has resulted in the destruction of the sidewalk and the initiation of curb and pavement distress. Department of Community and Economic Development (DCED) has taken control of the property. DOTE designed a soldier pile wall comprised of 12 piers with steel piles and pre-cast concrete lagging panels for DCED. DOTE was awarded OPWC funding for the street improvement project that includes this section of roadway.





WALLS CURRENTLY BEING DESIGNED

The following projects are currently being designed.

Anderson Ferry Retaining Wall – Anticipated Project cost – upwards of $300,000

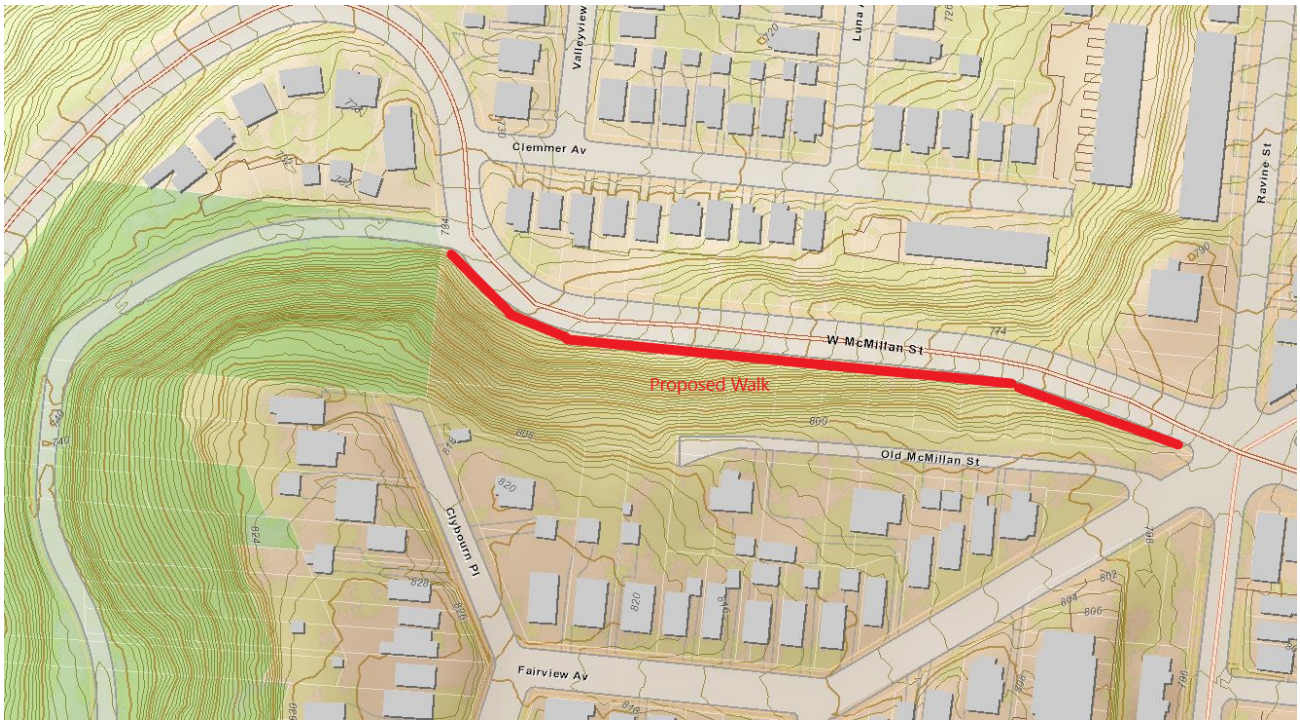
Hillside movement is causing the sidewalk on the west side of Anderson Ferry Road, between Hillside Avenue and River Road to buckle. The sidewalk was closed in February of 2020. The road is not affected, and pedestrian traffic is detoured to the sidewalk on the east side of Anderson Ferry. This project was requested by the Riverside Community and is funded as a Capital Improvement Project in the amount of $300,000. Stormwater Maintenance Utility (SMU) is also a team member on the project. DOTE & SMU applied for OPWC funds in 2021 to assist in funding both the stabilization and stormwater improvements. The project did not receive funding. An application for a Transportation Infrastructure Grant was submitted to Metro in 2020



McMillan Avenue Sidewalk Improvement

The Clifton University Fairview Community requested that a sidewalk be constructed on the south side of W. McMillan Avenue, connecting Ravine Street with Fairview Park Drive. This project was funded as a Capital Improvement Project in the amount of $500,000.00. Installation of the sidewalk will require the construction of a retaining wall along approximately 700 of the 850 ft. length of sidewalk. Project design was nearly complete in July of 2022. Significant movement of the landslide below the retaining wall on Old McMillan constructed in 2020 has delayed the project.

An Emergency Design/Build project to stabilize the landslide needs to take place prior to completion of the design of the sidewalk improvement project. Emergency Bid Proposals were received on July 25, 2022. The proposed cost to repair the existing retaining wall on Old McMillan and stabilize the landslide to allow for the construction of the sidewalk is approximately $400,000. Stabilization of the landslide will delay the sidewalk project to the spring of 2023.



Esmonde Street Wall 285-037 – Anticipated cost - $225,000

The timber crib wall at the bend in Esmonde Street and Van Hart Street has reached it useful life needs to be replaced. A large block modular wall is being designed and is expected to be bid late summer of 2022.





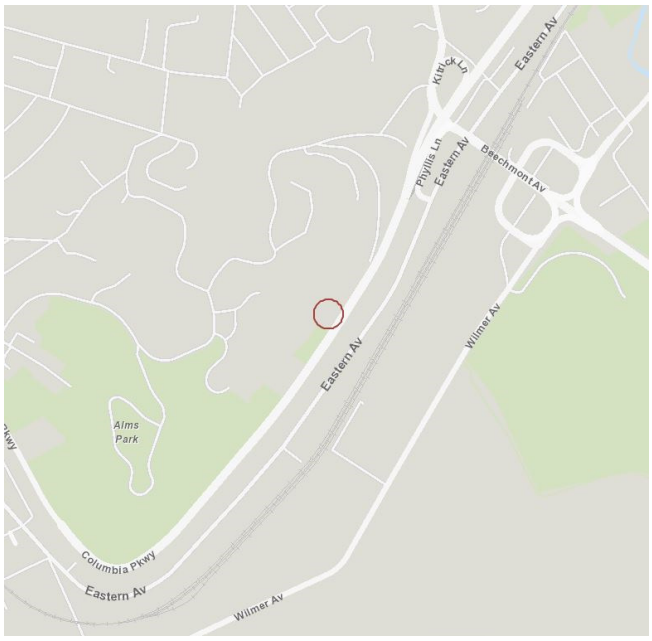
Delhi Avenue (@ 999) - Anticipated cost –$400,000

A slow-moving landslide has been causing Delhi Avenue and the south sidewalk to settle. The area also ponds water because of the movement. The roadway requires regular patching, and the sidewalk is becoming hazardous. Utilities within the road are at risk. DOTE was awarded a state safety enhancement grant for Delhi Avenue and Ohio Department of Public Works (OPWC) State Capital Improvement Program (SCIP) funding. The stabilization of the landslide is included with the street improvements. DOTE has obtained a subsurface investigation, including the installation of an inclinometer to provide slope monitoring. A 165-foot-long drilled pier retaining wall will be built to correct the slope movement. The wall will be constructed on the downhill side of the sidewalk. It will be composed of 30-inch diameter reinforced piers on a center to center spacing of 4 feet. The piers are to be socketed 15 feet into the bedrock which is at a depth on the order of 17 feet below existing grade. Twenty-four-inch diameter plug piers extending 10 feet below grade are to be installed between the 30-inch diameter structural piers.



Columbia Parkway – South of Beechmont Avenue

Public Services trimmed the vegetation along Columbia Parkway in the summer of 2020. The removal of the vegetation exposed the toe of a landslide on the hillside above the retaining wall between Beechmont Avenue and the curve in the parkway below Alms Park. Comparison of photographs of the area suggest that the slide has existed prior to 2018 with additional movement occurring prior to June of 2019.



A reconnaissance of the hillside revealed that the landslide extends more than halfway up the hillside and that there are at least two internal scarps within the slide mass in addition to the primary head scarp. Many of the trees within the slide mass, which are more than likely Ash trees are dead. The slide remains relatively stable on top of the wall. Removal of the toe cannot take place until the slide is thoroughly investigated and more than likely not until the mass is stabilized. The slide mass is routinely observed and appears dormant for now.

A drone flight that included LIDAR to produce a topographic survey of the landslide and surrounding area was done in the spring of 2022. Additional investigation that may include test borings will be done in the Fall of 2022.

Corrective measures, if determined to be necessary, will more than likely be soil nails although a second retaining wall may also be a feasible alternative. Construction costs are not known until further investigation is performed but will be above $700,000. Residual funds from the Columbia Parkway Bains to Torrence Project will be used for investigation and possibly for partial funding.

Columbia Parkway – South of Beechmont Avenue – (Continued)





ADDITIONAL PROJECTS AND RESPONSIBILITIES

Engineers in the Wall and Landslide Program review Building Permit applications that are routed to them by the Plans Examiners in the Plans Examination Section of Building and Inspections (B&I). Forty-one building permits were reviewed in 2021. The engineers also assist the inspectors in the Building Construction Inspection Section and the Property Maintenance Division. Expert testimony was also provided by the engineers in cases concerning hillside stability.

Wall and Landslide Program personnel responded to twelve Customer Service Requests (CSR) in 2021 and numerous requests from the public that were referred directly to them. Twenty inclinometers throughout the city, many of which have a depth greater than 50 ft., are being read every four months.

In addition to the program specific projects, the Engineers and Technicians in the Wall and Landslide Program also design walls and provide consulting services to the other DOTE sections and to other City Departments including Greater Cincinnati Water Works (GCWW), Parks, Building and Inspection, Community and Economic Development Stormwater Maintenance Utility and the Metropolitan Sewer District (MSD). Examples of work performed for other DOTE Sections and City Departments are listed below.

Ohio River Trail Salem to Sutton

Construction of two modular block retaining walls having a total length of 600 feet and a maximum exposed height of 10 feet. Design and construction management support.



Wasson Way, Phase and 5

Geotechnical Investigation, establishment of design requirements, design review and construction support for nine modular block retaining walls having a total length of more than 1,500 ft. and one soldier pile wall with a length of 120 ft.





Auburn Avenue- Gilmore to Dorchester

Completed design of 8 retaining walls and provide construction management support required on the roadway improvement project. A wide variety of different types of retaining wall systems were required. The bid price for the retaining walls was approximately $1,600,000



Friendship Park Landslide-West

DOTE Geotechnical Staff provided consulting services to Cincinnati Parks in their monitoring of movement that was occurring in Friendship Park. Inclinometers were installed and monitored in the park since 2003. Accelerated movement in the summer of 2020 as revealed by inclinometer readings and surface evidence of movement required the installation of additional inclinometers. Continued movement and the threat of additional movement that may affect a water main located within the park led to the recommendation of a retaining wall to protect the water main. DOTE staff reviewed reports and design plans submitted to Parks and GCWW. An 802 ft. long wall composed of 48-inch diameter piers 6 ft. on center with a 30 inch diameter plug piers was constructed. The wall was constructed immediately on the river side of the water main. The cost of construction as reported by GCWW was approximately $4,100,000. The wall is buried and can not be observed from the ground surface.



SIGNIFICANT FUTURE PROJECTS

Significant projects that are included in the 6-Year Plan are summarized below.

Art Museum Drive (Mt. Adams) - Estimated construction cost $1,409,000

Hillside movement affects Art Museum Drive for approximately 500 feet from its intersection with Eden Park Drive. Separation of the sidewalk from the curb, separation of the curb from the roadway and tension cracks within the pavement continues to occur. Sections of the cable guardrail system need repair. DOTE applied for a Transportation Infrastructure grant in 2022 and will also apply for SCIP funding in 2022. A subsurface investigation that included the drilling of seven (7) test borings was made in July of 2022. The proposed repairs will involve the construction of a pier wall, sidewalk, timber guardrail and roadway improvements.

Thirteen-hundred feet of cable guardrail on Eden Park Drive was replaced with steel-backed timber guardrail in 2017. The section of replaced railing was between Fulton Avenue and Martin Drive.



Hillside Avenue (Multiple Locations) - Anticipated project cost –$1,400,000+

Hillside Avenue from the City limits, near Anderson Ferry Road to the east terminus at River Road has numerous areas of instability. Many areas have been repaired over the years, but areas between those sections continue to require pavement work to remain safe. DOTE monitors these areas and intends to remediate the worst areas as funding allows. Hillside movement within the areas is slow but causes continuous, compounded damage over time requiring maintenance. Movement takes place at the soil-bedrock contact and which accelerates during periods of excessive prolonged rainfall. The problematic areas their length and preliminary estimate of repair based on the cost of a pier wall with plug piers are listed below.



4291-4261 Hillside Avenue (Area 1)

Area 1 - 4291 to 4261 Hillside

Condition: Landslide scarp in pavement effecting both lanes. Wedge recently placed at west end.

Solution: New pier wall to close gap between 2 existing pier walls

	Units	Quantity	Unit Cost	Extension
Pier Wall	Lin. Ft.	325	$1,000.00	$325,000.00
Pavement Repair	Sq. Yards	433.3333	$250.00	$108,333.33
Guardrail	Lin. Ft.	0	$70.00	$0.00
			TOTAL	**$433,333.33**

Area 2 - 4128 Hillside (west of)

Condition: Intact Pier wall with guardrail missing. 4' - 6' vertical drop at pavement edge, and worsening. Some damage to top of wall/guardrail attachment.

Solution: Replace rail; place control density fill in voids behind piers to reduce /slow additional movement; patch wall concrete.

	Units	Quantity	Unit Cost	Extension
Guardrail	Lin. Ft.	295	$70.00	$20,650.00
Concrete Repair	Sq. Ft.	40	150	$6,000.00
CLSM-CDF Infill	Cu. Yds	40	150	$6,000.00
			TOTAL	**$32,650.00**

Area 3 - 4052 - 4032 Hillside

Condition: Slide impacting pavement, both lanes. Continuously patched and wedged.

Solution: New pier wall and guardrail.

	Units	Quantity	Unit Cost	Extension
Pier Wall	Lin. Ft.	340	$1,000.00	$340,000.00
Pavement Repair	Sq. Yds.	869	$250.00	$217,250.00
Guardrail	Lin. Ft.	340	$70.00	$23,800.00
			TOTAL	**$581,050.00**

Area 4 - 4007 Hillside

Condition: Slide impacting pavement, eastbound lane.

Solution: New pier wall. No rail needed as area is used for parking.

	Units	Quantity	Unit Cost	Extension
Pier Wall	Lin. Ft.	70	$1,000.00	$70,000.00
Pavement Repair	Sq. Yds.	94	$250.00	$23,500.00
			TOTAL	**$93,500.00**

Area 5 - 3797 Hillside

Condition: 1H:1V drop-off, 6' from pavement edge

Solution: Add guardrail

	Units	Quantity	Unit Cost	Extension
Guardrail	Lin. Ft.	340	$70.00	$23,800.00
			TOTAL	**$23,800.00**

Area 6 - 3815-3805 Hillside

Condition: Slide impacting pavement, both lanes. Recently patched and wedged.

Solution: New pier wall and guardrail.

	Units	Quantity	Unit Cost	Extension
Pier Wall	Lin. Ft.	70	$1,000.00	$70,000.00
Pavement Repair	Sq. Yds.	156	$250.00	$39,000.00
Guardrail	Lin. Ft.	70	$70.00	$4,900.00
			TOTAL	**$113,900.00**

Area 7 - 3671 Hillside

Condition: Slide impacting eastbound lane.

Solution: New pier wall and replace guardrail.

	Units	Quantity	Unit Cost	Extension
Pier Wall	Lin. Ft.	50	$1,000.00	$50,000.00
Pavement Repair	Sq. Yds.	56	$250.00	$14,000.00
Guardrail	Lin. Ft.	70	$70.00	$4,900.00
			TOTAL	**$68,900.00**

Area 8 - 3487 Hillside (west of Henrietta)

Condition: Slide impacting eastbound lane.

Solution: New pier wall. No guardrail at this time.

	Units	Quantity	Unit Cost	Extension
Pier Wall	Lin. Ft.	55	$1,000.00	$55,000.00
Pavement Repair	Sq. Yds.	61	$250.00	$15,250.00
			TOTAL	**$70,250.00**

GRAND TOTAL: $1,417,383.33

<u>Faraday Road</u> - Anticipated project cost –$350,000+

A landslide is causing Faraday Road to slip toward an adjacent creek. The total length of the movement is difficult to discern but appears to be 300 feet +/- and the upper limits of the slide (scarp) has resulted in a significant set-down in a sharp bend. DOTE and Stormwater Maintenance Utility (SMU) applied for state funding as a safety enhancement project as well as SCIP funding for an overall street improvement project for Faraday Road. The project was not awarded either of the grants. DOTE has initiated an investigation of the subsurface, including installation of an inclinometer to provide slope monitoring. The repair type is not currently known and may consist of a pier wall or earthwork buttressing. The buttress approach may require piping the adjacent creek.

Completion of design and construction dates are dependent on funding. DOTE will continue to seek outside funding. Temporary repairs to the pavement will continue to be made as needed.



Faraday Road – (Continued)





Patchwork to fill gaps due to hillside movement between curb and pavement.

Riverside Drive - Estimated construction cost $350,000

As previously described in previous Wall Reports. A landslide occurs above the existing retaining wall on the north side of Riverside Drive, US Truck Route 50, immediately west of the Rookwood Railroad Overpass. It extends up the hillside to immediately below Kemper Lane and Columbia Parkway US Route 50. The slide area covers nearly 1.5 acres of hillside. Riverside Drive, US Truck Rt. 50 is one lane in each direction through the Rookwood Overpass. The road curves as it goes under the overpass. Significant movement has not occurred since the spring seasonal rains of 2011. Riverside Drive is routinely inspected following periods of heavy rainfall.



Aerial view of landslide on Riverside Drive west of the Rookwood Overpass. The property above the wall is owned by the Park Board. Note extent of headscarp. Plastic sheet left behind after test pits were dug in 2011 to prevent water from seeping along scarp line into the slide mass. Plastic has since deteriorated and no longer exists.

Riverside Drive Wall 371-050 – Riverside Drive above Friendship Park

Replace 1,380 feet of wall cap and guardrail, wall repairs - $775,000





Riverside Drive Wall 371-050 – (Continued)





Wilder Avenue – Retaining Wall Repair Walls 288-022 & 288-039 -
Estimated construction cost $350,000

The road and sidewalk of Wilder Avenue between Warsaw and Glenway Avenues are supported by a large 85-plus year-old concrete retaining wall (288-022). The northern wall (at Neff) supports a hillside above the roadway and is over 100 years old (288-039). Both walls require a major rehabilitation to remain serviceable. The walls are largely intact and exhibit only slight global or overturning issues. The condition of the concrete, however, is very poor. The walls have developed significant delaminations and voids. The walls require rehabilitation in the form of extensive concrete patching to remain serviceable and sealing of the concrete to maintain the walls in the long-term.

The proposed project will provide patching of approximately 1,300 square feet of the wall, which amounts to roughly 25 percent of the exposed wall area. Once patched, the concrete exposed on both walls will be sealed and an opaque coating will be applied to the northern wall, which is visible to the traveling public.

DOTE has applied to Metro for a Transportation Infrastructure Grant.



SECTION 2

Retaining Wall Rating Summary

List of Walls in Poor (3) and Critical (4) Condition

Structural Condition Rating Definitions

0 to 1 Excellent
No-to-very-low extent of very low distress. Defects are minor, are within the normal range for *newly constructed or fabricated* elements, and may include those resulting from fabrication or construction. Ratings of 0-1 are only given to elements with very minor to no distress whatsoever –conditions typically seen only shortly after wall construction or substantial wall repairs.

1 to 2 Good
Low-to-moderate extent of low severity distress. Distress does not significantly compromise the element's function, nor is there significant severe distress to major structural components. Ratings of 1 to 2 indicate highly functioning wall elements that are only beginning to show the first signs of distress or weathering.

2 to 3 Satisfactory
High extent of low severity distress and/or low-to-medium extent of medium to high severity distress. Distress present does not compromise element function, but lack of treatment may lead to impaired function and/or elevated risk of element failure in the long term.
Ratings of 2 to 3 indicate functioning wall elements with specific distresses that need to be mitigated to avoid significant repairs or element replacement in the longer term.

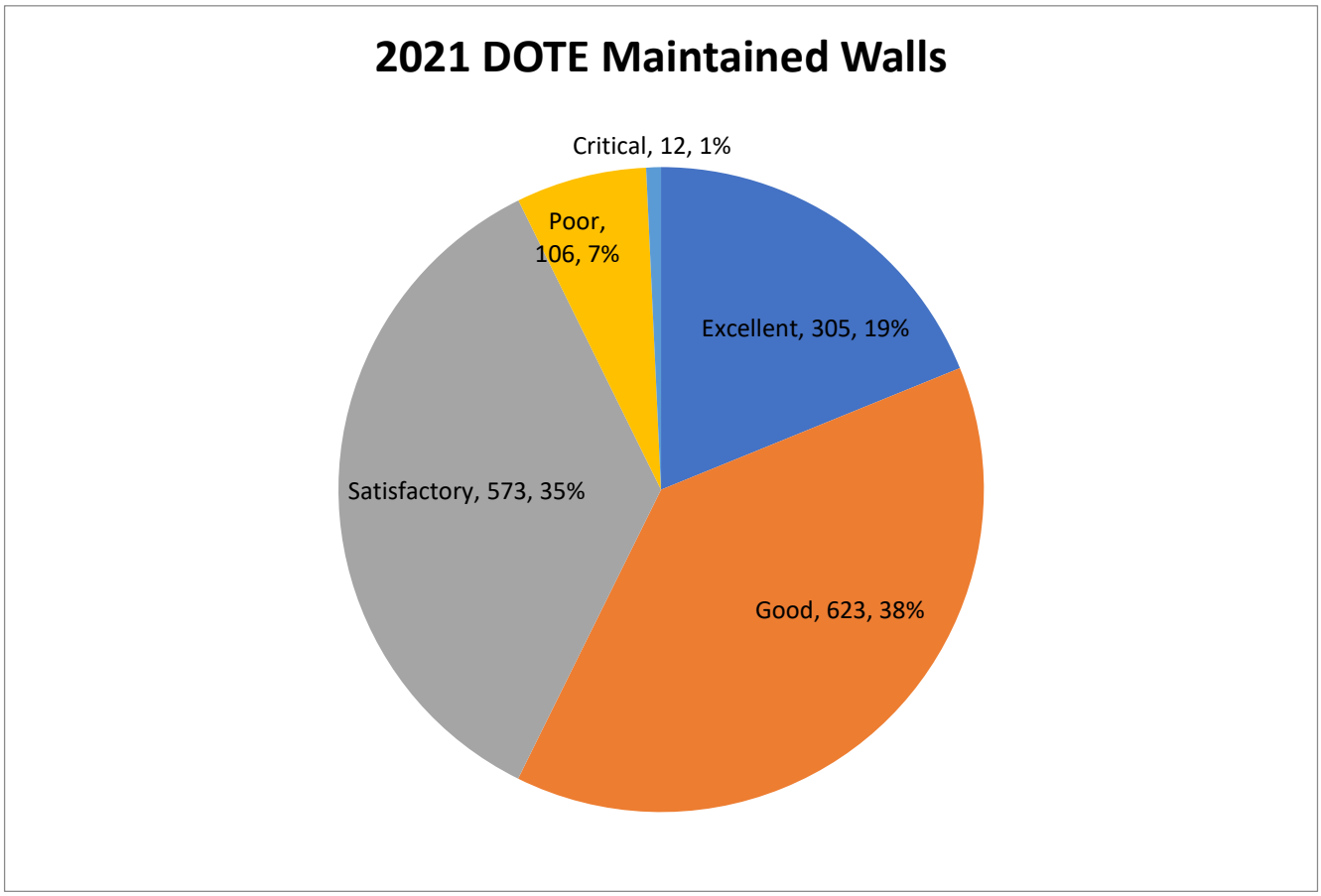
3 to 4 Poor
Medium-to-high extent of medium-to-high severity distress. Distress present threatens element function, and strength is obviously compromised and/or structural analysis is warranted. The element condition does not pose an immediate threat to wall stability. A rating of 3 to 4 indicates marginally functioning, severely distressed wall elements in jeopardy of failing without element repair or in need of repair to prevent further deterioration at an accelerated rate.

4 Critical
Medium-to-high extent of high severity distress. Element is no longer serving intended function. Element performance is threatening overall stability of the wall at the time of inspection.
In practice, a rating of 4 indicates a wall that is no longer functioning as intended, and is in danger of failing.

2021 Stuctural Rating Summary for Walls Maintained by DOTE

RATING	COUNT	PERCENT by COUNT	LENGTH (FEET)	PERCENT by LENGTH	AREA (SQ. FEET)	PERCENT by AREA
Excellent	305	18.84%	53,186	18.87%	303,871	14.34%
Good	623	38.48%	111,313	39.49%	895,450	42.25%
Satisfactory	573	35.39%	93,126	33.04%	731,322	34.51%
Poor	106	6.55%	21,984	7.80%	172,760	8.15%
Critical	12	0.74%	2,251	0.80%	15,986	0.75%
TOTALS	1,619	100%	281,860	100%	2,119,389	100%

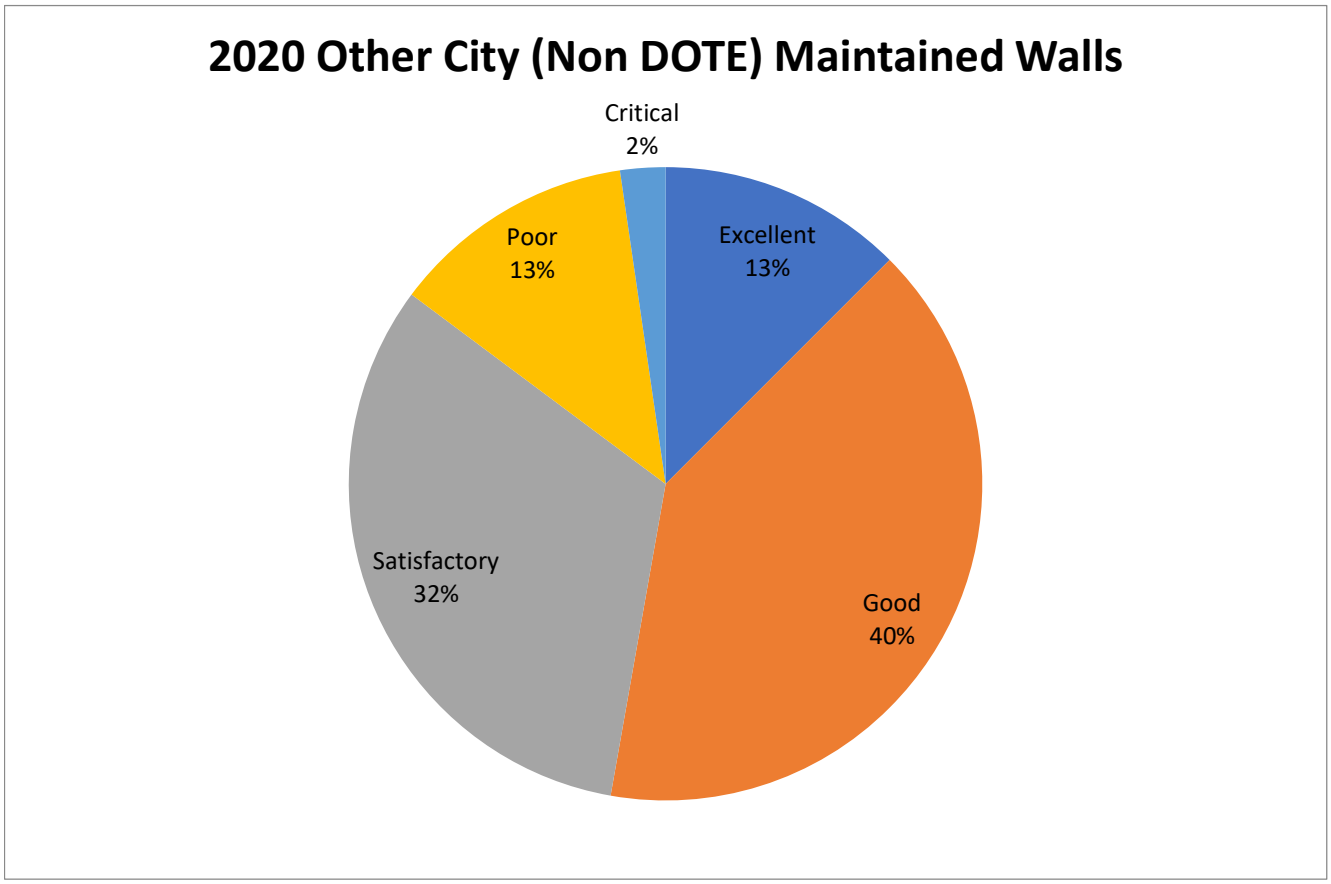
53.38 Miles



2020 Stuctural Rating Summary for City Walls NOT MAINTAINED by DOTE

RATING	COUNT	PERCENT BY COUNT	LENGTH (FEET)	PERCENT by LENGTH	AREA (SQ. FEET)	PERCENT by AREA
Excellent	27	12.50%	4,061	9.31%	38,115	12.20%
Good	87	40.28%	18,198	41.74%	136,332	43.66%
Satisfactory	70	32.41%	16,193	37.14%	115,265	36.91%
Poor	27	12.50%	4,406	10.11%	20,280	6.49%
Critical	5	2.31%	744	1.71%	2,300	0.74%
TOTALS	216	100%	43,602	100%	312,292	100%

8.26 Miles



DOTE Maintained Wall with Structural Rating of 3 (Poor Condition) to 4 (Critical Condition)

Wall ID	Side	House Numbers	Street Name	Wall Length	Height (Max)	Wall Type
153-009	E	6308 to 6308	Gracely Drive	50	4.1	Toe, Concrete
157-003A	S	5581 to 0	River Road	400	4	Cantilever, Concrete
157-003B	S	5617 to 5643	River Road	400	6	Cantilever, Concrete
198-007B	S	4487 to 4529	River Road	500	10	Cantilever, Concrete
198-007C	S	4531 to 4573	River Road	500	10	Cantilever, Concrete
201-017A	S	4319 to 4331	River Road	390	4.5	Cantilever, Concrete
201-017B	S	4277 to 4277	River Road	412	6.4	Cantilever, Concrete
201-019	N	4294 to 4302	River Road	227	5	Cantilever, Concrete
241-009	W	821 to 881	Nebraska Avenue	431	7.3	Cantilever, Concrete
244-008	S	3645 to 3645	Hillside Avenue	60	2.5	Gravity, Mortared Stone
244-016	N	4001 to 4003	River Road	75	2.8	Gravity, Concrete
244-019	S	0 to 0	Fithian Street	80	6	Gravity, Block
244-026	N	614 to 614	Baurichter Street	105	4.1	Gravity, Concrete
244-073	W	3934 to 3936	Bowditch Street Steps	8	3	Gravity, Mortared Stone
248-011B	N	998 to 1004	Delhi Avenue	276	9	Toe, Concrete
250-059	N	3818 to 3820	Latham Avenue	115	9	Gravity, Dry Stone
251-028	S	2475 to 2481	Queen City Avenue	220	3	Precast Modular
251-029	W	4340 to 4344	Guerley Road	155	4.4	Precast Modular
251-030B	S	2523 to 2547	Queen City Avenue	357	5.6	Precast Modular
252-021	N	2726 to 2729	Ruberg Avenue	49	3.7	Gravity, Concrete
281-002	W	4929 to 4929	Kirby Avenue	132	5.5	Gravity, Dry Stone
284-002A	E	2094 to 2156	Baltimore Avenue	433	12	Cantilever, Concrete
284-002B	E	2078 to 2092	Baltimore Avenue	433	11.5	Cantilever, Concrete
284-010B	S	3584 to 3588	Mchenry Avenue	130	6	Gravity, Concrete
285-021B	E	2004 to 2022	Baltimore Avenue	365	7.8	Gravity, Concrete
285-022	W	2035 to 2047	Baltimore Avenue	255	8.1	Gravity, Concrete
285-037	W	2079 to 2087	Baltimore Avenue	132	2.3	Cantilever, Concrete
286-008	W	2431 to 2437	Saffin Avenue	165	3	Gravity, Mortared Stone
286-037	S	1823 to 1827	Esmonde Street	97	6	Crib, Tiedback
286-043C	N	1758 to 1760	Harrison Avenue	430	5	Gravity, Mortared Stone
286-088	S	1681 to 1681	Harrison Avenue	32	3.3	Gravity, Concrete
286-090	W	2301 to 2301	Merton Street	35	6	Gravity, Dry Stone
286-122	S	2165 to 2166	Clara Street	28	3	Gravity, Dry Stone
287-001	W	1327 to 1403	Bowman Avenue	149	10.3	Gravity, Dry Stone
287-038	S	0 to 0	Sterrett Avenue	65	5.5	Gravity, Dry Stone
288-022	E	2370 to 2398	Wilder Avenue	436	23.5	Gravity, Concrete
288-025A	W	0 to 0	Glenway Avenue	210	8.1	Gravity, Concrete
288-039	N	2311 to 2327	Wilder Avenue	249	9.4	Gravity, Concrete
288-050	W	2417 to 2417	Glenway Avenue	35	11	Gravity, Concrete
288-080	S	2511 to 2513	Warsaw Avenue	58	4	Gravity, Concrete
288-107A	N	2630 to 2698	Maryland Avenue	378	7.3	Gravity, Dry Stone
288-107B	N	0 to 0	Maryland Avenue	183	7.5	Gravity, Dry Stone
294-052	W	0 to 0	Fargo Alley	200	9	Gravity, Mortared Stone
294-062A	E	0 to 0	Cummins Street	450	18	Cantilever, Concrete

DOTE Maintained Wall with Structural Rating of 3 (Poor Condition) to 4 (Critical Condition)

Wall ID	Side	House Numbers	Street Name	Wall Length	Height (Max)	Wall Type
294-062B	E	2528 to 2550	Cummins Street	440	5	Cantilever, Concrete
294-062B	E	2528 to 2550	Cummins Street	440	5	Cantilever, Concrete
294-062C	E	2552 to 2622	Cummins Street	440	9	Cantilever, Concrete
294-085	S	0 to 0	Queen City Alley	25	2.3	Gravity, Concrete
295-029	S	1647 to 1729	Baltimore Avenue	633	10.5	Precast Modular
295-102	N	1630 to 1648	Baltimore Avenue	155	4	Pier, Cantilever
298-013	W	4615 to 4627	Cresap Avenue	136	3.8	Gravity, Concrete
298-095	W	0 to 0	Coppice Lane	201	6	Pier, Cantilever
299-003	E	4800 to 4800	Hamilton Avenue	308	4.5	Precast Modular
299-008	W	0 to 0	Hamilton Avenue	375	2.5	Cantilever, Concrete
299-009	W	0 to 0	Hamilton Avenue	586	3.5	Pier, Cantilever
299-010	W	0 to 0	Hamilton Avenue	100	1.5	Cantilever, Concrete
299-011B	E	0 to 0	Hamilton Avenue	401	2.5	Precast Modular
326-028	W	0 to 0	Clifton Avenue	115	1	Precast Modular
329-015B	N	512 to 590	Straight Street	245	10.5	Gravity, Dry Stone
329-059	N	244 to 248	Warner Street	87	5.5	Gravity, Concrete
329-081	E	0 to 0	Renner Place	144	4	Gravity, Concrete
329-126A	N	700 to 730	Mcmillan Street, West	380	14.1	Gravity, Concrete
329-126B	N	680 to 700	Mcmillan Street, West	152	6	Gravity, Concrete
329-132	W	0 to 0	Hukill Alley	30	1.5	Cantilever, Concrete
329-147	E	0 to 0	Freeman Avenue Steps	26	5	Gravity, Dry Stone
329-155	S	317 to 317	Klotter Avenue	12	3.6	Gravity, Mortared Stone
330-052	S	2134 to 2135	Ohio Avenue	80	7.2	Gravity, Concrete
330-053B	N	2148 to 2172	Central Avenue	350	13.5	Cantilever, Concrete
330-063	W	0 to 0	East Alley	198	12.5	Gravity, Mortared Stone
330-065	W	0 to 0	East Alley	102	16	Gravity, Mortared Stone
330-154	W	0 to 0	Elysian Place	100	9	Gravity, Dry Stone
335-110	S	0 to 0	St Gregory Place	196	6	Gravity, Concrete
335-125	N	0 to 0	Wareham Drive	187	12.5	Gravity, Concrete
335-165	W	2027 to 2029	Eleanor Place	41	4.5	Gravity, Mortared Stone
335-217	S	325 to 353	Baum Street	255	20	Gravity, Dry Stone
336-078	S	135 to 145	Dorchester Avenue	91	17	Gravity, Mortared Stone
336-142	S	0 to 0	Ringgold Street Steps	60	1.3	Gravity, Concrete
336-163	W	2027 to 2029	Eleanor Place	41	4.5	Gravity, Mortared Stone
336-199	S	0 to 0	Seitz Street	13	3.5	Gravity, Mortared Stone
336-307	S	121 to 125	Dorchester Avenue	62	12	Gravity, Mortared Stone
337-112	N	144 to 150	Glencoe Place	130	10.5	Cantilever, Concrete
337-192	N	0 to 0	Mcgregor Avenue	100	6	Gravity, Concrete
337-242	W	0 to 0	Presley Alley	150	4	Gravity, Mortared Stone
338-035	E	3400 to 3408	Wilson Avenue	158	6.7	Gravity, Concrete
338-079	W	0 to 0	Alameda Place	97	5.5	Gravity, Concrete
339-065	S	511 to 517	Forest Avenue	84	1	Toe, Concrete
339-091	N	0 to 0	Rockdale Avenue	170	13	Cantilever, Concrete
368-001	W	1015 to 1019	Dana Avenue	159	5.7	Toe, Concrete

DOTE Maintained Wall with Structural Rating of 3 (Poor Condition) to 4 (Critical Condition)

Wall ID	Side	House Numbers	Street Name	Wall Length	Height (Max)	Wall Type
371-050A	E	0 to 0	Kemper Lane	321	13	Cantilever, Concrete
371-050B	E	0 to 0	Kemper Lane	390	14.5	Cantilever, Concrete
371-050C	S	0 to 0	Columbia Parkway	29	9	Pier, Tiedback
371-054	E	0 to 0	Kemper Lane	235	6.2	Gravity, Mortared Stone
371-055	E	0 to 0	Kemper Lane	321	13	Cantilever, Concrete
371-056	E	0 to 0	Kemper Lane	390	14.5	Cantilever, Concrete
371-058	S	2004 to 2005	Edgecliff Point	33	4	Gravity, Mortared Stone
371-074	S	0 to 0	Columbia Parkway	29	0.5	Pier, Cantilever
375-007	E	0 to 0	Berkshire Lane	350	0	Landslide
375-060	S	0 to 0	Elmhurst Avenue	56	12	Gravity, Mortared Stone
376-020	S	1845 to 1845	Duck Creek Road	35	1	Toe, Concrete
376-066	S	2021 to 2021	Duck Creek Road	108	1.6	Toe, Concrete
407-012	S	0 to 0	Columbia Parkway	185	7	Crib, Pre-Cast Concrete
409-037	E	268 to 270	Brown Street	50	2.8	Gravity, Concrete
409-050	N	0 to 0	Columbia Parkway	190	7.5	Gravity, Mortared Stone
409-051	W	4540 to 4598	Columbia Parkway	430	10	Toe, Concrete
409-056	E	5766 to 5774	Kennedy Avenue	318	4.7	Gravity, Dry Stone
409-071	S	0 to 0	Salem Road	86	8	Gravity, Block
422-057	W	4540 to 4598	Columbia Parkway	430	10	Toe, Concrete
452-001B	E	5766 to 5774	Kennedy Avenue	318	4.7	Gravity, Dry Stone

Total Wall Length: 22,449.00

DOTE Maintained Wall with Structural Rating of 4 (Critical Condition)

Wall ID	Side	House Numbers	Street Name	Wall Length	Height (Max)	Wall Type
244-006A	S	3645 to 3645	Hillside Avenue	55	3	Gravity, Mortared Stone
244-006B	S	3645 to 3645	Hillside Avenue	41	3	Gravity, Dry Stone
251-034	S	1999 to 1999	Sunset Lane	15	5	Gravity, Mortared Stone
286-086	W	2497 to 2499	Seegar Avenue	30	5	Gravity, Dry Stone
287-005	E	1300 to 1302	Lockwood Avenue	70	11.5	Gravity, Mortared Stone
293-034	E	1350 to 1350	ERNST STREET	20	2.4	Gravity, Concrete
294-062D	E	2624 to 2660	Cummins Street	480	15	Cantilever, Concrete
299-011A	E	0 to 0	Hamilton Avenue	397	2.5	Precast Modular
329-133A	W	0 to 0	East Alley	310	10.5	Gravity, Mortared Stone
330-036	W	1776 to 1921	CENTRAL PARKWAY	492	5.3	Gravity, Concrete
423-104	W	647 to 647	Delta Avenue	20	2	Gravity, Concrete

Total Wall Length: 1,930.00

City owned Walls Not Maintained by DOTE
with Structural Rating of 3 (Poor Condition) to 4 (Critical Condition)

Wall ID	Side	House Numbers	Street Name	Wall Length	Height (Max)	Wall Type
115-011	S	6901 to 6941	River Road	300	3	Gravity, Dry Stone
287-100	N	0 to 0	Lockwood Place Steps	40	13	Gravity, Mortared Stone
287-101	N	0 to 0	Lockwood Place Steps	50	6	Gravity, Mortared Stone
289-028	S	0 to 0	Pavillion Drive	339	4.8	Pier, Cantilever
327-003	N	500 to 502	Mcalpin Avenue	288	6	Gravity, Mortared Stone
335-349	N	0 to 0	Celestial Street Steps	150	4	Gravity, Mortared Stone
336-268	E	1799 to 1799	Art Museum Drive	648	3.5	Gravity, Concrete
336-309	E	0 to 0	Gilbert Avenue	580	3.5	Gravity, Dry Stone
336-376	E	2044 to 2056	Gilbert Avenue	164	3.5	Gravity, Dry Stone
337-055	E	2520 to 2520	Euclid Avenue	33	2.8	Gravity, Mortared Stone
339-077	S	0 to 0	Forest Avenue	187	4	Gravity, Mortared Stone
339-078	S	0 to 0	Forest Avenue	90	4	Gravity, Mortared Stone
339-079	S	0 to 0	Forest Avenue	131	3	Gravity, Mortared Stone
368-029	S	897 to 897	Clinton Springs Avenue	90	1.5	Gravity, Mortared Stone
371-088	E	0 to 0	Martin Drive	233	2.2	Gravity, Mortared Stone
372-008	N	0 to 0	Columbia Parkway	120	9	Gravity, Mortared Stone
375-155	N	2342 to 2352	Gladstone Av (Private)	180	9	Gravity, Dry Stone
337-311	E	2600 to 2600	Van Street Parking Lot	60	5	Toe, Concrete
371-052	W	619 to 619	Kemper Lane	50	5.7	Gravity, Mortared Stone
330-237	S	6 to 12	Hust Alley	90	12	Cantilever, Concrete
283-001	W	0 to 0	Todd Avenue	45	6.5	Tee- Wall
286-150	N	1710 to 1710	Harrison Avenue	13	4	Gravity, Concrete
286-150D	N	1710 to 1710	Harrison Avenue	13	4	Gravity, Concrete
409-068	N	2998 to 2998	Riverside Drive	8	2	Gravity, Brice
409-069	N	3000 to 3000	Riverside Drive	9	2	Gravity, Brick
297-099	N	4123 to 4125	Virginia Avenue	46	3	Gravity, Mortared Stone
327-015	N	328 to 328	Mcalpin Avenue	234	2	Gravity, Concrete
331-026	S	0 to 0	Clark Street	133	2	Cantilever, Concrete
335-211	W	1301 to 1301	Sycamore Street	316	3	Tee- Wall
375-118	S	2425 to 2445	Riverside Drive	124	3	Gravity, Mortared Stone
			Total Wall Length:	4764.00		

City owned Walls Not Maintained by DOTE with Structural Rating of 4 (Critical Condition)

Wall ID	Side	House Numbers	Street Name	Wall Length	Height (Max)	Wall Type
281-023	W	5083 to 5087	Colerain Avenue	128	2	Gravity, Mortared Stone
288-130	W	611 to 615	Maryland Avenue	108	7.3	Gravity, Mortared Stone
330-152A	E	0 to 0	Elysian Place	36	7	Gravity, Mortared Stone
335-269	S	0 to 0	Bolivar Alley	40	5	Gravity, Mortared Stone
336-162	W	0 to 0	Eleanor Place	72	6.5	Gravity, Mortared Stone
375-161	S	2539 to 2539	Riverside Drive	400	10	Gravity, Concrete
			Total Wall Length:	784.00		

SECTION 3

Wall Repair Priority and Estimated Funding

Wall Stabilization & Landslide Correction
Six Year Plan

WALL REPAIR PRIORITY & ESTIMATED FUNDING

Wall #	Street	Length	Area	Type	Comments	Priority	Fund	Estimate
285-022	Baltimore Av	255	1050	CC	repair deteriorated cap & railing	HIGH	capital	$30,000
286-037	Esmonde St	97	500	T	replace rotten railroad ties with modular wall	HIGH	capital	$150,000
286-088	Harrison Av	32	160	CC	replace delaminated wall cap & railing	HIGH	capital	$15,000
288-022	Wilder Av	436	9500	CC	deteriorated & cracked chip and patch	HIGH	capital	$85,000
288-039	Wilder Av	249	2400	CC	chip and patch delaminations	HIGH	capital	$35,000
336-163	Eleanor Place	41	4.5	G2	Replace wall	HIGH	capital	$12,000
337-081B	Maplewwod Av	79	400	G5	replace wall with modular wall	HIGH	capital	$60,000
371-050A	Riverside Dr	460	5200	G2	deteriorated cap, replace and mortar	HIGH	capital	$225,000
371-050B	Riverside Dr	460	4400	G2	deteriorated cap, replace and mortar	HIGH	capital	$225,000
371-050C	Riverside Dr	460	2500	G2	deteriorated cap, replace and mortar	HIGH	capital	$225,000
409-056	Kennedy Avenue	318	4.7	G1	Crib Wall along road deteriorating	HIGH	capital	$50,000
					11 WALLS	**HIGH**	**capital**	**$1,112,000**
241-009	Nebraska Av	431	2260	CC	deteriorated, cracks , chip and patch	MED	capital	$40,000
251-030B	Queen City	357	1900	PM	Replace broken/missing wall cap & blocks.	MED	capital	$30,000
285-037	Baltimore Av	132	320	CC	replace wall cap & railing	MED	capital	$30,000
329-126A	McMillan St	380	2200	CC	broken end & railing, patch and replace	MED	capital	$76,000
329-126B	McMillan St	152	1200	CC	broken cap, chip and patch	MED	capital	$31,000
329-129	Vine St	179	950	G5	patch/repair wall cap	MED	capital	$150,000
329-133B	East Alley	190	2600	G2	reset tilted wall cap; reanchor rail post	MED	capital	$10,000
330-036	Central Pkwy	492	1700	CC	tilted, deteriorated cap	MED	capital	$40,000
330-053B	Central Av	350	3700	CC	broken cap & spalled face, chip and patch	MED	capital	$74,000
337-047	Mcmillan St	110	500	G5	underpin wall	MED	capital	$60,000
371-074	Col. Pkwy	90	1400	CC	delaminated face, chip, patch and repaint	MED	capital	$38,000
					11 WALLS	**MED**	**capital**	**$579,000**
244-006A	Hillside Av	55	150	G2	deteriorated, replace with modular	LOW	capital	$22,000
244-006B	Hillside Av	41	120	G2	deteriorated, replace with modular	LOW	capital	$16,400
244-008	Hillside Av	60	120	G2	moved and settled, replace with modular	LOW	capital	$24,000
244-019	Fithian St	80	450	G2	bulged, replace with modular	LOW	capital	$32,000
244-026	Baurichter St	105	450	CC	cracked, leaning, replace with modular	LOW	capital	$28,000
248-011A	Delhi Av	198	750	CC	delaminated toewalk, chip and patch toe	LOW	capital	$10,000
248-011B	Delhi Av	276	2500	CC	delaminated toewalk, chip and patch toe	LOW	capital	$10,000
249-014	Olive Av	94	280	CC	leaning, replace with concrete	LOW	capital	$10,000
250-059	Latham Av	50	850	G2	stones missing, replace with modular	LOW	capital	$15,000
251-028	Queen City Av	220	800	PM	wrecked & salt damage, replace with modular	LOW	capital	$40,000
251-030B	Queen City Av	357	1900	PM	wrecked & salt damage, replace with modular	LOW	capital	$85,000
251-034	Sunset Ln	15	70	G2	tilted wall & eroded area, replace with modular	LOW	capital	$12,000
253-002	McHenry Av	146	720	CC	replace leaning panel	LOW	capital	$5,000
286-008	Saffin St	165	450	G2	deteriorated wall & steps, rebuild existing	LOW	capital	$30,000
286-122	Clara Street	28	3	G1	Failed wall, replace with modular	LOW	capital	$25,000
286-150	Harrison Av	13	65	CC	replace wall w/ modular	LOW	capital	$10,000
287-001	Bowman Av	149	1500	G2	broken cap & steps, replace cap mortar stone	LOW	capital	$28,000
287-005	Lockwood Av	70	900	G2	cracked corner, repair stone replace cap	LOW	capital	$35,000
287-022	Grand Av	60	325	TC	Toe removed, check tilt, will need replaced	LOW	capital	$40,000
287-038	Sterrett Avenue	65	6	G1	damaged wall, replace with modular	LOW	capital	$30,000
288-080	Warsaw	20	350	CC	leaning, replace with CIP	LOW	capital	$18,000
288-107A	Maryland Av	378	2700	G2	deteriorated & bulged, rebuild stone	LOW	capital	$300,000
288-107B	Maryland Av	183	1300	G2	deteriorated & bulged, rebuild stone	LOW	capital	$150,000
329-015B	Straight St	245	2400	G2	bulged & tilted, replace	LOW	capital	$280,000
329-133A	East Alley	310	3000	G2	bulge fell, rebuild stone in sections	LOW	capital	$40,000
330-063	East Alley	198	2400	G2	bulged, rebuild stone in sections	LOW	capital	$40,000
330-065	East Alley	102	1800	G2	bulged, rebuild stone in sections	LOW	capital	$40,000
330-069	East Alley	114	1500	G2	bulged, rebuild stone in sections	LOW	capital	$40,000
335-110	St Gregory Pl	196	650	CC	delaminated upper part, repair cap	LOW	capital	$20,000
336-307	Dorchester St	62	750	G2	deteriorated cap, replace with modular	LOW	capital	$35,000
337-048	Eucleden Alley	130	1100	TC	replace tilted panel	LOW	capital	$6,000
337-242	Presley Al	150	700	G2	bulged and moved, rebuild stone , railing	LOW	capital	$40,000
339-091	Rockdale Av	170	1600	CC	deteriorated concrete, replace with CIP	LOW	capital	$150,000
370-125	Wm H Taft Rd	32	125	G2	bulged under sidewalk, replace cap	LOW	capital	$10,000
371-054	Kemper Ln	235	1300	G2	cap partially missing, replace wall	LOW	capital	$235,000
371-055	Kemper Ln	321	3600	CC	top delaminated, replace wall	LOW	capital	$321,000
371-056	Kemper Ln	390	3400	CC	moved, replace wall	LOW	capital	$390,000
423-104	Delta Av	20	40	CC	damaged wall, replace with modula4r	LOW	capital	$25,000
452-001A	Kennedy Av	318	1900	G2	bulged, rebuild existing	LOW	capital	$15,000
452-001B	Kennedy Av	318	1900	G2	bulged & moved, rebuild existing	LOW	capital	$15,000
					40 WALLS	**LOW**	**capital**	**$2,677,400**
201-017A	River Road	390	4.5	CC	Deteriorated/Cracks, Chip and Patch, Clear and Gub	HIGH	maint.	$6,000
244-016	River Road	75	3	G5	Deteriorated Bus Stop landing, chip and patch, removal and replacement of railing	HIGH	maint.	$3,000
253-031	Broadbeck Pl.	130	850	CC	Remortar stones on top.	HIGH	maint.	$2,000
253-033	Broadbeck Pl.	150	1350	CC	Remortar stones on top.	HIGH	maint.	$3,000
281-029	Kirby Ave.	11	40	PM	Restack/replace missing blocks.	HIGH	maint.	$1,000
281-037	Kirby Ave.	12	40	PM	Restack/replace missing blocks.	HIGH	maint.	$1,000
294-011	Beekman St	307	5600	G2	repair stone barrier	HIGH	maint.	$4,000
296-028	Blue Rock Av	296	1500	G5	replace missing blocks	HIGH	maint.	$2,500
298-034	Kirby Ave.	145	250	PC	Replace missing railing section; grout rail post pockets; patch wall cap/sidewalk	HIGH	maint.	$3,000
330-029	Central Pkwy	129	1550	G5	reset railing.	HIGH	maint.	$1,000
330-149	Rice St	180	900	CC	replace section of deformed rock catchment fence.	HIGH	maint.	$5,000
335-062	Carney St	36	280	TC	replace missing section of railing.	HIGH	maint.	$500
336-266	Eden Park Dr	523	2200	G5	Replace cracked/delaminated wall panels.	HIGH	maint.	$3,000
340-001	Clinton Springs Av	137	950	CC	Repair railing	HIGH	maint.	$1,000
367-006	Paddock Rd	361	1700	TC	Repair Toewalk/sidewalk (cracked, holed).	HIGH	maint.	$4,000
368-001	Dana Av	159	850	CC	delaminated toewalk, repair	HIGH	maint.	$5,000
371-047	Riverside Dr	146	1200	G2	Reset GR, remove big tree from top of wall	HIGH	maint.	$2,000
372-007	Col. Pkwy	225	1350	G2	broken cap, mortar and patch	HIGH	maint.	$3,000
409-050	Col. Pkwy	460	5900	CC	deteriorated end, chip and patch	HIGH	maint.	$5,000
422-049A	Col. Pkwy	345	4500	CP	Cut down trees growing through wall.	HIGH	maint.	$2,500
422-049B	Col. Pkwy	345	4500	CP	Cut down trees growing through wall.	HIGH	maint.	$2,500
					21 WALLS	**HIGH**	**maint.**	**$60,000**
157-003A	River Road	400	4	CC	Deteriorated/Cracks, Chip and Patch, Clear and Gub	MED	maint.	$5,000
157-003B	River Road	400	6	CC	Deteriorated/Cracks, Chip and Patch, Clear and Gub	MED	maint.	$6,000
198-007B	River Road	500	10	CC	Deteriorated/Cracks, Chip and Patch, Clear and Gub	MED	maint.	$6,000
198-007C	River Road	500	10	CC	Deteriorated/Cracks, Chip and Patch, Clear and Gub	MED	maint.	$6,000
201-017B	River Road	412	6	CC	Deteriorated/Cracks, Chip and Patch wall and curb	MED	maint.	$5,000
244-073	Bowditch Street Steps	8	3	G2	stones loose, fallen, mortar in place	MED	maint.	$800
251-011A	Queen City	315	8200	TW	Repair fence/ clean out drain trench above.	MED	maint.	$500
251-011B	Queen City	315	4100	TW	Clean out trench above/ cut trees growing through fence.	MED	maint.	$2,000
251-021	Queen City	182	700	PM	Trim bushes on top affecting wall; replace missing stones/wall cap	MED	maint.	$1,000
251-022	Queen City	346	1700	PM	Replace loose or missing stones.	MED	maint.	$1,000
251-030A	Queen City	360	1600	PM	Replace missing wall cap pieces; trim trees/bushes affecting wall.	MED	maint.	$1,000
281-010	Colerain Ave.	160	1400	PC	Investigate settlement @ S.	MED	maint.	$3,000
284-002A	Baltimore Av	433	4500	CC	patch holes	MED	maint.	$4,000
284-002B	Baltimore Av	433	3700	CC	chip and patch delaminations	MED	maint.	$5,000
284-010A	McHenry Av	62	525	CC	patch holes	MED	maint.	$2,000
284-010B	McHenry Av	130	670	CC	chip and patch delaminations	MED	maint.	$3,000
285-016	Sutter Av	500	5400	MSE	replace stolen fence	MED	maint.	$5,000
285-040	Bickel Av	65	800	CC	patch holes	MED	maint.	$1,000

WALL REPAIR PRIORITY & ESTIMATED FUNDING

Wall #	Street	Length	Area	Type	Comments	Priority	Fund	Estimate
286-043C	Harrison Av	430	2700	G2	repair broken pilasters	MED	maint.	$5,000
286-049	Harrison Av	14	100	CC	patch holes	MED	maint.	$500
286-112	Bickel Av	38	1000	PM	replace missing blocks	MED	maint.	$1,500
287-053	Ring Place	165	400	G5	chip and patch delaminations	MED	maint.	$5,000
288-095	Kingston Place	67	400	G5	patch cracks, chip and patch delamination	MED	maint.	$5,000
293-049	Radcliff Dr	510	5100	MSE	remove rocks piling behind wall	MED	maint.	$5,000
294-043	Central Parkway	390	3400	G5	patch railing; patch lower wall; remove plants from railing.	MED	maint.	$5,000
295-027	Liddel St	99	400	CC	replace missing railing, repair wall cap	MED	maint.	$4,000
295-037	W. Northern Blvd.	316	3200	G2	repair and replace stone sections	MED	maint.	$15,000
326-001	Lafayette Av	269	2200	CC	patch delaminated area's	MED	maint.	$2,000
327-054B	Lafayette Av	362	1000	PC	repair 1 section of damaged wood guard railing.	MED	maint.	$1,000
327-054C	Lafayette Av	362	1000	PC	repair 1 section of damaged wood guard railing.	MED	maint.	$1,000
329-003	Hallmar Av	174	500	CC	patch wall cap	MED	maint.	$1,000
329-131	Thill St	281	1900	G5	repair wall cap and patch wall	MED	maint.	$5,000
329-147	Freeman Avenue Steps	26	5	G1	stones loose, fallen, mortar in place	MED	maint.	$1,200
329-261	Tafel St	57	175	G3	regrout post holes to better secure loose railing	MED	maint.	$500
330-032	Central Pkwy	49	300	G5	patch wall cap at fence posts.	MED	maint.	$1,000
330-043	Clifton Av	50	300	CC	patch exposed rebar in railing.	MED	maint.	$500
330-071	Gage St	161	1300	CC	patch vertical joints where severly delaminated.	MED	maint.	$2,500
330-072	Rice St	376	2800	CC	patch joint that is deteriorating.	MED	maint.	$2,500
330-073	Mulberry St	52	175	CC	patch cracks	MED	maint.	$2,000
330-078	Mulberry St	180	700	CC	patch wall cap at railing post popouts.	MED	maint.	$1,000
330-084	Wendell Alley	65	1500	G2	replace fallen stones under upper stair landing.	MED	maint.	$5,000
330-086	Wendell Alley	65	450	G2	replace/resecure the fence/railing.	MED	maint.	$7,000
330-206	Stark St	180	700	G5	patch hole in old part of wall.	MED	maint.	$1,000
330-237	Hust Alley	90	1700	CC	patch wall cap; cover exposed rebar.	MED	maint.	$2,000
332-010	Third St	65	1350	G2	repair upper masonry pilaster railing wall cap	MED	maint.	$4,000
335-066	Carney St	83	330	CC	patch bad joint; patch big horizontal crack below wall cap	MED	maint.	$1,000
335-072	Carney St	289	2500	CC	patch railing & wall cap/curb	MED	maint.	$5,000
335-137	Martin Dr	190	2400	CC	patch exposed rebar	MED	maint.	$3,000
335-141	Hill St	153	0	PC	repair wall cap at railing posts.	MED	maint.	$2,000
335-146	Elsinore Av	116	600	PC	repair railing	MED	maint.	$1,500
335-153	Col. Pkwy	320	3800	CC	patch exposed rebar in railing.	MED	maint.	$3,000
335-154A	Col. Pkwy	480	4200	CC	patch exposed rebar	MED	maint.	$3,000
335-154B	Col. Pkwy	425	3300	CC	patch exposed rebar	MED	maint.	$3,000
335-158	Col. Pkwy	175	3200	TC	patch steps, pilasters, and exposed rebar areas.	MED	maint.	$3,000
335-164A	Col. Pkwy	330	5000	CC	patch delaminated joint	MED	maint.	$3,000
335-164B	Col. Pkwy	420	12000	TC	patch delaminated joint	MED	maint.	$3,000
335-167	Col. Pkwy	65	1400	CC	patch exposed rebar	MED	maint.	$3,000
335-217	Baum Street	255	20	G1	stones loose, mortar in place	MED	maint.	$2,000
335-269	Bolivar Alley	40	250	G2	restack stone wall , replace missing stones	MED	maint.	$3,000
335-338	Hill St	92	200	G5	repair wall cap at railing posts.	MED	maint.	$1,000
336-021	Highland Av	356	1700	G2	replace bent railing opposite milton st.	MED	maint.	$3,000
336-066	Boal St	20	50	G5	patch deteriorated 90 degree angle in wall at steps.	MED	maint.	$1,000
336-078	Dorchester Av	50	500	CC	stabilize E corner of wall that is falling apart.	MED	maint.	$1,500
336-082	Dorchester Av	235	850	G2	replace missing horiz rail (1 piece); remortar	MED	maint.	$2,000
336-182	Main St	42	200	G2	patch wider cracks in gunite/wall	MED	maint.	$2,000
336-193	Sycamore St	177	1100	G2	repair N end of wall(taller part), where wall is sliding/slumping over.	MED	maint.	$4,000
336-267	Eden Park Dri	475	1900	G5	Replace cracked panels; tighten guardrail cables.	MED	maint.	$3,000
337-186	Burbank St	90	450	HC	Remove fallen tree from wall/ check mud sliding into wall.	MED	maint.	$1,000
338-065	Hickory St	180	1400	CC	Resecure railing.	MED	maint.	$2,000
338-069	Hickory St	158	700	TC	Trench behind wall needs cleaning.	MED	maint.	$1,000
338-079	Alameda Pl	97	700	G5	Wall could use some patching of delaminated area's.	MED	maint.	$5,000
367-005	Paddock Rd	400	1800	TC	cracked, holed toewalk/sidewalk.	MED	maint.	$3,000
369-097	MLK Dr	488	3900	CC	Cut down tree growing in top of wall that is causing bulge/loose stones.	MED	maint.	$1,500
370-080	Victory Pky	109	700	G5	Resecure loose handrail; patch 10' section of wall cap.	MED	maint.	$1,500
371-101	Alpine Pl	84	2200	G1	Remove trees from wall	MED	maint.	$3,000
375-007	Berkshire Lane	350	0	LS	Wall cracked at each side of inlet, chip/remove concrete and repour	MED	maint.	$2,500
375-054	Johnstone Pl	134	700	G2	Remortar loose stones @ S.	MED	maint.	$500
407-012	Gregson Pl	185	1500	CC	Patch exposed rebar, and joints.	MED	maint.	$3,000
409-064	Eastern Av	173	650	CC	Replace handrail where missing or loose/ patch sidewalk holes.	MED	maint.	$3,000
409-129	Kellogg Av	23	50	PM	Replace broken wall blocks.	MED	maint.	$1,000
410-001	Tennyson St	82	350	CC	Replace damaged handrail.	MED	maint.	$2,000
410-002	Tennyson St	111	400	CC	Replace damaged handrail.	MED	maint.	$1,000
421-045	Donham Av	75	600	G5	Repatch corner where cracked and broken.	MED	maint.	$2,000
422-011	Church Pl	500	9000	CC	patch exposed rebar	MED	maint.	$3,000
422-051	Col. Pkwy	380	6450	CC	patch joints{exposed rebar}.	MED	maint.	$5,000
423-005	Totten Av	138	1050	CC	Cut tree repair handrail.	MED	maint.	$3,000
425-016	Madison Rd	215	2700	CC	Patch delam @ E end of wall.	MED	maint.	$2,000
450-007	Crestview Av	43	0	OT	Remove large, fallen tree from wall.	MED	maint.	$2,000
456-015	Heekin Av	513	5000	TC	Put railing over blocked off steps.	MED	maint.	$500
					89 WALLS	**MED**	**maint.**	**$248,000**
153-009	Gracely Drive	50	290	G5	chip and patch delaminations	LOW	maint.	$3,000
201-019	River Rd	227	1200	CC	chip and patch delaminations	LOW	maint.	$3,000
201-019	River Road	227	5	CC	Patch steps, sidewalk and curb	LOW	maint.	$800
205-001	Glencrossing	300	3300	PM	Trim bushes growing through blocks.	LOW	maint.	$1,000
239-008	Boudinot Av			CC	patch chipped sidewalk	LOW	maint.	$1,000
251-020	Queen City	48	230	PM	Clear walk of broken blocks/ cut bushes affecting wall.	LOW	maint.	$500
251-030B	Queen City Avenue	357	5.6	PM	Deterioration due to road salt, replace wall cap, replace fallen block	LOW	maint.	$2,000
252-021	Ruberg Avenue	49	3.7	G5	chip and patch wall cap	LOW	maint.	$500
281-002	Kirby Av	132	650	M	replace deteriorated wall	LOW	maint.	$5,000
281-003	Kirby Ave	302	2800	G2	Wall has new driveway through midwall/ railing missing on half of wall.	LOW	maint.	$3,000
281-005	Colerain Av	360	1700	PC	replace guardrail	LOW	maint.	$2,000
281-036	Kirby Av	410	2000	PC	replace guardrail	LOW	maint.	$2,000
282-016	Colerain Ave.	357	3000	PC	Patch broken wall cap @ fire hydrant.	LOW	maint.	$1,500
283-006	Cass Ave.	254	1200	CC	Patch wall cap @ wall where necessary.	LOW	maint.	$1,500
283-009	Cass Ave.	120	450	CC	Remove/repair loose gate.	LOW	maint.	$500
284-002B	Baltimore Avenue	433	12	CC	Deteriorated/Cracks, Chip and Patch	LOW	maint.	$1,000
284-010B	Mchenry Avenue	130	6	G5	Deteriorated/Cracks, Chip and Patch	LOW	maint.	$500
284-018	Westwood Northern Blvd.	277	1150	TC	Clean out trench behind wall.	LOW	maint.	$2,500
285-021B	Baltimore Avenue	365	7.8	G5	Deteriorated/Cracks, Chip and Patch	LOW	maint.	$800
285-031	Baltimore Av	240	4000	CC	patch holes	LOW	maint.	$100
285-21B	Baltimore Av	365	2600	G5	chip and patch delaminations	LOW	maint.	$3,000
286-043B	Harrison Ave.	663	4532	G2	Replace missing stones & mortar.	LOW	maint.	$750
286-111	Jonte	31	100	PM	Replace all wall cap blocks.	LOW	maint.	$4,000
286-122	Clara Ave.	28	50	G1	Rebuild stacked stone wall, esp @ midwall.	LOW	maint.	$5,000
286-154A	Fairmount Ave.	65	1162	CS	Clean trench above wall.	LOW	maint.	$3,000
286-193A	Queen city bypass	351	2800	PC	Clean out trench above wall/ erosion channel @ S.	LOW	maint.	$2,000
286-193B	Queen city bypass	368	4700	PC	Clean out trench above wall. Reseat conc. drain caps above.	LOW	maint.	$2,000
286-193C	Queen city bypass	432	7100	PC	Clean out trench above wall/investigate leakage onto walk.	LOW	maint.	$3,000
288-025A	Glenway Avenue	210	8.1	G5	Deteriorated/Cracks, Chip and Patch, Steps closed signage	LOW	maint.	$1,000
288-050	Glenway Avenue	35	11	G5	Deteriorated/Cracks, Chip and Patch	LOW	maint.	$500
288-055	Glenway Av	24	400	G5	chip and patch delaminations	LOW	maint.	$3,000
294-030A	Harrison Ave.	95	1317	G5	Clean out trench above wall.	LOW	maint.	$3,000
294-046	McMillan St	108	800	G5	patch full length vertical cracks	LOW	maint.	$3,000
294-063	Linden St.	267	3000	G5	Replace missing railing.	LOW	maint.	$2,000
294-085	Queen City Alley	25	2.3	G5	chip and patch wall cap	LOW	maint.	$500
295-029	Baltimore Avenue	633	10.5	PM	Clear and Gurb,	LOW	maint.	$1,000
295-102	Baltimore Avenue	155	4	PC	Clear and Gurb,	LOW	maint.	$500
298-013	Cresap				chip and patch delaminations	LOW	maint.	$5,000
298-013	Cresap Avenue	136	3.8	G5	Deteriorated/Cracks, Chip and Patch, Remove fallen tree on top of wall	LOW	maint.	$1,000
298-057	Hamilton Ave.	103	400	PC	Grout rail posts recess to avoid moisture retention.	LOW	maint.	$1,000

WALL REPAIR PRIORITY & ESTIMATED FUNDING

Wall #	Street	Length	Area	Type	Comments	Priority	Fund	Estimate
298-095	Coppice Lane	201	6	PC	Fix wall cap	LOW	maint.	$500
299-001A	Hamilton Ave.	385	2900	G2	Replace/remortar loose and fallen top stones.	LOW	maint.	$1,000
299-009	Hamilton Avenue	586	3.5	PC	Sidewalk sunken	LOW	maint.	$2,500
299-010	Hamilton Avenue	100	1.5	CC	Sidewalk sunken	LOW	maint.	$500
299-014	Rockford Ave	205	2100	PC	Patch 4' of broken wall cap.	LOW	maint.	$2,000
299-015	Rockford Ave	215	2000	PC	Patch 4' of broken wall cap.	LOW	maint.	$2,000
300-007	Groesbeck Rd.	79	235	TC	Repair 2' section of loose wall.	LOW	maint.	$1,000
300-020	Hillcrest Ave.	132	2150	PC	Grout rail posts recess to avoid moisture retention.	LOW	maint.	$1,200
326-028	Clifton Avenue	115	1	PM	Deteriorated/Cracks, Chip and Patch	LOW	maint.	$500
329-059	Warner Street	87	5.5	G5	Deteriorated/Cracks, Chip and Patch	LOW	maint.	$500
329-081	Renner Place	144	4	G5	Deteriorated/Cracks, Chip and Patch	LOW	maint.	$500
329-132	Hukill Alley	30	1.5	CC	Deteriorated/Cracks, Chip and Patch	LOW	maint.	$1,500
330-025	Back St	258	800	G2	replace missing portion of wall cap.	LOW	maint.	$2,000
330-268	Winkler St	71	200	G2	remove tree growing through wall.	LOW	maint.	$2,000
330-301	John St	25	50	G5	patch wall cap.	LOW	maint.	$1,000
331-002	Vine St	16	120	G5	recaulk joints	LOW	maint.	$500
331-003	Vine St	100	500	G5	recaulk joints	LOW	maint.	$500
331-026	Clark Street	133	300	CC	patch wall cap at gate post.	LOW	maint.	$500
332-008	Third St	292	2300	CC	reset railing; patch wall cap.	LOW	maint.	$2,000
335-020	Butler St	212	800	CC	patch pop out in wall cap	LOW	maint.	$500
335-056	Jerome St	100	800	G5	patch crack at joint in wall	LOW	maint.	$500
335-118	Baum St	78	600	CC	replace bent railing	LOW	maint.	$200
335-121	Oregon St	234	2400	CC	patch railing where rebar is exposed	LOW	maint.	$500
335-125	Wareham Dr	187	2900	CC	delaminated cap, Development to Repair	LOW	maint.	$0
335-129	Louden St	306	2300	G2	Remove fallen tree trunk from top of wall.	LOW	maint.	$500
335-136	Martin Dr	302	4200	TC	patch spall w exposed rebar	LOW	maint.	$1,500
335-165	Celestial St	41	550	G2	cracked corner, rebuild	LOW	maint.	$5,000
335-220B	Oregon St	14	50	PM	restack wall, add missing blocks.	LOW	maint.	$1,000
336-002	Bunker Alley	32	175	CC	replace railing	LOW	maint.	$1,500
336-067	Boal St	42	275	CC	patch over exposed rebar.	LOW	maint.	$500
336-142	Ringgold St	60	80	G5	patch spall/delaminated area(1); patch void/hole in side of curbwall	LOW	maint.	$500
336-195	Mulberry St	31	80	G5	patch exposed rebar at corner	LOW	maint.	$500
336-238	Reading Rd	468	1050	TC	unclog weep holes, patch corner	LOW	maint.	$1,000
336-257	Dorsey St	475	5000	PC	repair top tube rail where seperation has occurred.	LOW	maint.	$1,000
336-304	Main St	31	60	CC	patch 2 areas of spalled concrete at bottom of fence post	LOW	maint.	$500
336-345	Mulberry St	25	75	G3	remove shrub growing in wall, fill gap with stone	LOW	maint.	$500
336-376	Cogswell Alley	75	0	G2	Reset bulge in wall.	LOW	maint.	$1,000
337-055	Euclid Av	33	120	G2	some loose stones on top course need re mortaring	LOW	maint.	$500
337-192	McGregor Av	100	500	CC	crumbled foundation/ abandon, regrade if necessary	LOW	maint.	$3,000
337-214	Wellington Pl	58	450	G2	replace 1 missing stone, regrout 1 loose stone.	LOW	maint.	$100
337-281	Van St	72	200	TC	Grout railing post	LOW	maint.	$100
338-035	Wilson Av.	158	1000	G5	chip and patch delaminations	LOW	maint.	$5,000
338-102	MLK Dr	226	1100	CC	repair/replace bent railing section	LOW	maint.	$1,000
339-065	Forest Av	84	100	CC	tilted panel, replace w/ curb wall	LOW	maint.	$10,000
339-077	Forest Av	187	950	G2	replace missing stone	LOW	maint.	$5,000
339-088	Forest Av	397	1700	CC	broken toewalk, repair	LOW	maint.	$5,000
368-029	Mitchell Av	38	0	G2	loose stones need remortaring/restacking.	LOW	maint.	$2,000
371-022	St Paul Dr	310	75	G2	Repair 10' of loose top course toward E end.	LOW	maint.	$500
371-049	Riverside Dr	505	900	TC	Remove metal edge from curb.	LOW	maint.	$500
375-060	Elmhurst Avenue	56	12	G2	Deteriorated/Cracks, Chip and Patch	LOW	maint.	$500
375-112	Wold Av	54	150	G2	Re mortar loose stones.	LOW	maint.	$500
375-143	Grandin Rd	135	0	G5	Patch wall cap where crushed. 2 locations	LOW	maint.	$1,000
376-016	Duck Creek Rd	90	200	CC	Close 1' gap in wall	LOW	maint.	$1,000
376-020	Duck Creek Road	35	1	TC	Steps Deteriorated/Cracks, Chip and Patch, Replace Handrail	LOW	maint.	$500
376-066	Duck Creek Road	108	1.6	TC	Wall Hit remove section and replace	LOW	maint.	$1,000
381-003	Losantiville Av	226	1600	CC	Prevent backfill (pebbles) from coming out of weep holes @ E.	LOW	maint.	$500
409-037	Walworth Av	385	5700	CC	Patch 2 holes in wall.	LOW	maint.	$3,000
409-071	Salem Road	86	8	G3	Chip and Patch Wall	LOW	maint.	$800
422-053	Col. Pkwy	490	3200	G2	Remortar loose stones.	LOW	maint.	$1,000
					78	**LOW**	**maint.**	**$157,850**

Total Capital & Maintenance Costs **$4,834,250**

WALL REPAIR PRIORITY AND ESTIMATED FUNDING SUMMARY

Capital Cost

High Priority (11 walls)	$1,112,000
Medium Priortiy (11 walls)	$579,000
Low Priority (40 walls)	$2,677,400
TOTAL (62 walls)	$4,368,400

Maintenance Costs

High Priority (21 walls)	$60,000
Medium Priortiy (89walls)	$248,000
Low Priority (99 walls)	$157,850
TOTAL (177 walls)	$465,850

WALL TYPE KEY

CC	Cantilever, Concrete	LS	Landslide
CM	Ccrib, Metal	LT	Landscaping Timber
CP	Crib, Pre-Cast Concrete	MS	Mechanically Stabilized
CT	Crib, Tiedback	OT	Other, See Comments
CW	Crib, Wood Timbers	PC	Pier, Cantilever
FW	Floodwall	PM	Precast Modular
G1	Gravity, Dry Stone	PT	Pier, Tiedback
G2	Gravity, Mortared Stone	RB	Rock Fall Barrier
G3	Gravity, Block	RE	Reinforced Earth
G4	Gravity, Brice	SE	Slope Easement
G5	Gravity, Concrete	ST	Settlement
GB	Gabion	TC	Toe, Concrete
HC	H-Pile, Cantilever	TD	Turned Down
HM	Hillside Movement	TW	Tee-Wall
HT	H-Pile, Tiedback		

WALL STABILIZATION & LANDSLIDE CORRECTION
SIX YEAR PLAN 2022-2027

Program Expenses — Carry over date 07-05-2022

Carry-Over City Capital Funds	City Capital Funds	Projects by Calendar Year Contract Awarded	Estimated Total Project Cost	Fund Split % Local	% Match	Outside Funding Secured	Estimated Remaining Funds
$830,021	$712,000	**2022**					
		Wall Inspection & Program Management	$65,000	100%	0%	N/A	
		Project Design & Management	$280,000	100%	0%	N/A	
		TROD and Contract Wall Work	$75,000	100%	0%	N/A	
		McMillan Street Emergency Landslide Correction	$450,000	100%	0%	N/A	
		Esmonde Street Retaining Wall Replacement	$225,000	100%	0%	N/A	
		Anderson Ferry Landslide	$300,000	0%	100%	N/A	
		West Galbraith Road	$200,000	50%	50%	Yes	
		Total Program Expenses	**$1,595,000**				**$347,021**
$347,021	$766,000	**2023**					
		Wall Inspection & Program Management	$66,500	100%	0%	N/A	
		Project Design & Management	$280,000	100%	0%	N/A	
		TROD and Contract Wall Work	$75,000	100%	0%	N/A	
		Art Museum Drive	$1,409,000	20%	80%	No	
		Wilder Avenue Wall Repair	$350,000	20%	80%	No	
		Delhi Avenue	$400,000	30%	70%	Yes	
		Eleanore Place at Gage Stairway	$150,000	100%	0%	N/A	
		Total Program Expenses	**$2,730,500**				**$69,721**
$69,721	$778,000	**2024**					
		Wall Inspection & Program Management	$68,000	100%	0%	N/A	
		Project Design & Management	$285,000	100%	0%	N/A	
		TROD and Contract Wall Work	$90,000	100%	0%	N/A	
		Hillside Avenue Phase I	$725,000	40%	60%	No	
		Total Program Expenses	**$1,168,000**				**$114,721**
$114,721	$760,000	**2025**					
		Wall Inspection & Program Management	$69,500	100%	0%	N/A	
		Project Design & Management	$290,000	100%	0%	N/A	
		TROD and Contract Wall Work	$75,000	100%	0%	N/A	
		Hillside Avenue Phase II	$725,000	50%	50%	No	
		Total Program Expenses	**$1,159,500**				**$77,721**
$77,721	$772,000	**2026**					
		Wall Inspection & Program Management	$71,000	100%	0%	N/A	
		Project Design & Management	$295,000	100%	0%	N/A	
		TROD and Contract Wall Work	$100,000	100%	0%	N/A	
		Faraday Road	$350,000	50%	50%	No	
		Total Program Expenses	**$816,000**				**$208,721**
$208,721	$772,000	**2027**					
		Wall Inspection & Program Management	$72,500	100%	0%	N/A	
		Project Design & Management	$300,000	100%	0%	N/A	
		TROD and Contract Maintenance Work	$100,000	100%	0%	N/A	
		Retaining Walls (Riverside Drive)	$800,000	50%	50%	No	
		Total Program Expenses	**$1,272,500**				**$108,221**

$2,779,700 *of Unsecured Outside Funding 2023 through 2027*

SECTION 4

2021 Retaining Wall Inspection Summaries

Retaining Wall Inspection Criteria

DIVISIONS (# of items in each Division)

- Structural (12 items)
- Drainage (5 items)
- Cosmetic (4 items)
- Miscellaneous (5 items)

Each Item Rated
0 = No Problems
1 = Minor Problems
2 = Moderate Problems
3 = Severe Problems
4 = Critical Problems
N/A = Not Applicable

Each Division – Given an Average Rating (Sum of Individual Items in Division / # of Items rated)

OVERALL WALL RATING (General Condition)

Sum of the average of the total number of items in the four Divisions (Structural, Drainage, Cosmetic, Misc.) Excludes any N/ Ratings Example:

Overall Wall Rating = 35 (Sum of Ratings for Items) / 15 (Number of Items) = 2.3 (Rating)

TOTAL AVERAGES OF WALLS INSPECTED IN 2021 CYCLE

2021 INSPECTION CYCLE

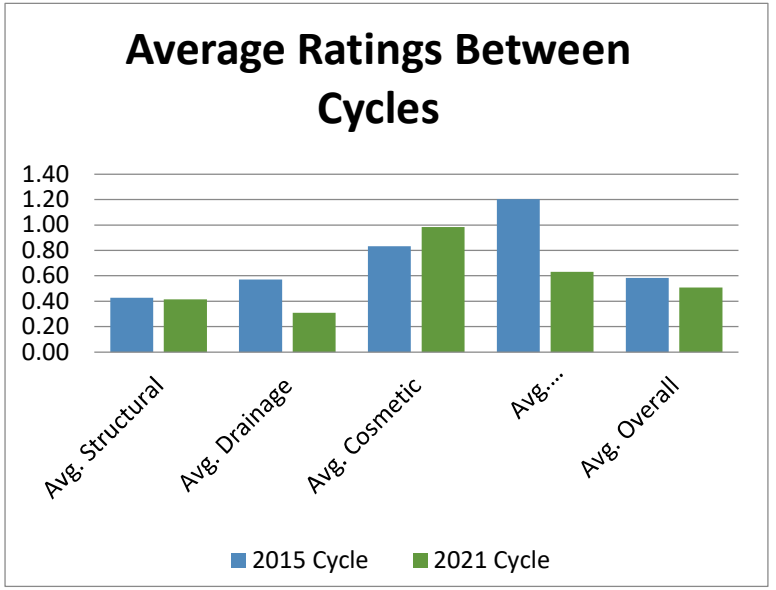
Maintence	Wall Count	Total Length (Lin. Ft.)	Total Exposed Area (Sq. Ft.)	Avg. Structural	Avg. Drainage	Ave. Cosmetic	Avg. Misc.	Avg. Overall
Agreement	9	1,130.00	10,415.00	0.25	0.46	1.00	1.03	0.57
Park Board	24	6,633.00	34,980.00	0.48	0.65	1.04	0.96	0.65
Hamilton County	4	1,842.00	38,200.00	0.20	0.75	2.13	1.25	0.65
Dept. of NBH Services	3	381.00	1,350.00	0.26	0.28	1.00	0.75	0.45
Fire Department	4	453.00	4,250.00	0.42	0.54	1.06	0.63	0.59
Dept. Public Services	12	2,403.00	24,970.00	0.23	0.13	0.60	0.21	0.26
MSD	16	4,813.00	209,595.00	0.22	0.06	1.44	0.28	0.37
Recreation Dept.	10	1,897.00	13,950.00	0.41	0.31	0.98	0.63	0.51
DOTE	188	29,932.00	316,568.00	0.53	0.68	1.08	1.04	0.70
G.C. Water Works	1	14.00	50.00	0.30	1.50	1.00	0.00	0.53
2021 TOTALS:	**271**	**49,498**	**654,328**	**0.33**	**0.53**	**1.13**	**0.68**	**0.53**
		9.37 Miles						

2015 INSPECTION CYCLE

Maintence	Wall Count	Total Length (Lin. Ft.)	Total Exposed Area (Sq. Ft.)	Avg. Structural	Avg. Drainage	Ave. Cosmetic	Avg. Misc.	Avg. Overall
Agreement	12	1261.00	10790.00	0.43	0.57	0.83	1.20	0.58
Park Board	10	2116.00	14380.00	0.39	0.35	0.97	0.65	0.50
Hamilton County	2	988.00	23400.00	0.18	0.88	1.75	0.50	0.53
Dept. of NBH Services	1	129.00	400.00	0.36	0.33	0.50	0.00	0.29
Fire Department	4	453.00	4250.00	0.32	0.54	1.00	0.75	0.55
Dept. Public Services	14	2471.00	21770.00	0.19	0.13	0.45	0.29	0.23
Recreation Dept.	10	1724.00	14000.00	0.43	0.28	0.87	0.65	0.50
DOTE	152	21681.00	225675.00	0.39	0.54	0.87	0.94	0.56
G.C. Water Works	1	14.00	50.00	0.20	0.00	0.00	0.00	0.13
	206	**30,837.00**	**314,715.00**	**0.32**	**0.40**	**0.80**	**0.55**	**0.43**
		5.84 Miles						

TOTAL AVERAGES OF WALLS INSPECTED IN 2021 CYCLE

	Transportation & Engineering Owned Walls			
	0-1	1-2	2-3	3-4
Avg. Structural	163	22	3	0
Avg. Structural	*144*	*8*	*0*	*0*
Avg. Drainage	152	33	3	0
Avg. Drainage	*135*	*16*	*1*	*0*
Avg. Cosmetic	118	64	6	0
Avg. Cosmetic	*115*	*36*	*1*	*0*
Avg. Miscellaneous	118	58	9	3
Avg. Miscellaneous	*98*	*47*	*6*	*1*
Avg. Overall	147	39	2	0
Avg. Overall	*137*	*15*	*0*	*0*
	2015 Averages			



Transportation and Engineering Maintained Walls - Changes from 2015 to 2021

Wall No	Community	Street	Wall Height	Wall Length	Wall Type	Avg Struct '15	Avg Struct '21
292-033	Queensgate	GEST STREET	3.2	112	Gravity, Concrete	0.27	0.20
292-034	Queensgate	GEST STREET	2.8	117	Gravity, Concrete	0.18	0.10
292-036	Queensgate	GEST STREET	2.8	240	Gravity, Concrete	0.27	0.10
294-044	Over the Rhine	CENTRAL PARKWAY	29	410	Gravity, Concrete	0.64	0.82
329-103	Over the Rhine	KLOTTER AVENUE	9.2	161	Gravity, Mortared Stone	1.10	1.40
329-109A	Over the Rhine	CONROY STREET	7	137	Gravity, Mortared Stone	0.20	0.30
329-146	Over the Rhine	ATLAS ALLEY	3	53	Cantilever, Concrete	0.55	0.82
329-147	Over the Rhine	FREEMAN AVENUE STEPS	5	26	Gravity, Dry Stone	0.89	1.00
329-164A	Over the Rhine	CONROY STREET	5	70	Precast Modular	0.10	0.40
329-164C	Over the Rhine	CONROY STREET	5	76	Precast Modular	0.10	0.90
329-266	Over the Rhine	KRESS ALLEY STEPS	6	56	Gravity, Concrete	1.08	0.50
330-021	Over the Rhine	FRINTZ STREET	7.4	40	Gravity, Concrete	0.82	0.83
330-022	Over the Rhine	CLIFTON AVENUE, EAST	5.2	260	Gravity, Mortared Stone	0.45	0.64
330-029	West End	CENTRAL PARKWAY	12.6	129	Gravity, Concrete	0.36	0.50
330-036	West End	CENTRAL PARKWAY	5.3	492	Gravity, Concrete	1.20	1.30
330-053B	West End	CENTRAL AVENUE	13.5	350	Cantilever, Concrete	0.90	0.80
330-057	Over the Rhine	PEETE STREET STEPS	5.2	33	Gravity, Concrete	0.90	0.82
330-058	Over the Rhine	PEETE ALLEY	8.5	72	Gravity, Concrete	0.83	1.17
330-059	Over the Rhine	PEETE STREET	5.2	55	Gravity, Mortared Stone	0.70	0.80
330-074	Over the Rhine	MULBERRY STREET	6.3	12	Gravity, Concrete	0.18	0.45
330-075	Over the Rhine	MULBERRY STREET	8.3	20	Cantilever, Concrete	0.67	0.33
330-078	Over the Rhine	MULBERRY STREET	4.8	180	Pier, Cantilever	0.27	0.18
330-081	Over the Rhine	MULBERRY STREET	6.5	29	Gravity, Mortared Stone	0.64	0.82
330-082	Over the Rhine	MULBERRY STREET	5	17	Gravity, Mortared Stone	0.50	0.10
330-144	Over the Rhine	CLIFTON AVENUE, EAST	5.4	38	Precast Modular	0.09	0.18
330-146	Over the Rhine	OHIO AVENUE	4	61	Cantilever, Concrete	0.00	0.17
330-169	Over the Rhine	CLIFTON AVENUE, EAST	3.9	22	Cantilever, Concrete	0.18	0.10
330-170	Over the Rhine	CLIFTON AVENUE, EAST	6.7	15	Gravity, Concrete	0.89	0.43
330-197	Over the Rhine	STONEWALL STREET	3.5	32	Gravity, Mortared Stone	0.40	0.50
330-225	Over the Rhine	PEETE STREET	3	43	Rock Fall Barrier	0.33	0.25
330-254	Over the Rhine	LANG STREET	3.5	8	Gravity, Mortared Stone	0.60	0.50
332-001	CBD - Riverfront	THIRD STREET, WEST	18	38	Gravity, Mortared Stone	0.90	1.00
332-008	Queensgate	THIRD STREET, WEST	9.7	292	Cantilever, Concrete	0.27	0.20
332-040	CBD - Riverfront	CENTRAL AVENUE	2	17	Precast Modular	0.00	0.18
334-027	CBD - Riverfront	JOE NUXHALL WAY	17	323	Mechanically Stabilized	0.18	0.27
335-020	CBD - Riverfront	BUTLER STREET	4.1	212	Cantilever, Concrete	0.73	0.40
335-022	CBD - Riverfront	HENDERSON ALLEY	1	50	Cantilever, Concrete	0.20	0.33
335-046	CBD - Riverfront	OLD LOCK STREET	12	112	Gravity, Mortared Stone	0.45	0.55
335-047	CBD - Riverfront	OLD LOCK STREET	8	88	Gravity, Mortared Stone	0.55	0.45
335-048	CBD - Riverfront	COURT STREET, EAST	3.5	177	Cantilever, Concrete	0.00	0.17
335-063	Mt. Adams	CARNEY STREET	1.5	22	Cantilever, Concrete	0.30	0.50
335-089	Mt. Adams	HILL STREET	9	28	Gravity, Mortared Stone	0.60	0.70
335-098	Mt. Adams	VAN METER STREET	18	234	Cantilever, Concrete	0.27	0.20
335-110	Mt. Adams	ST GREGORY PLACE	6	196	Gravity, Concrete	1.27	0.73
335-112	Mt. Adams	CARNEY STREET	3.5	32	Other, See Comments	0.83	0.25
335-114	Mt. Adams	MARTIN DRIVE	1.6	22	Gravity, Concrete	0.20	0.

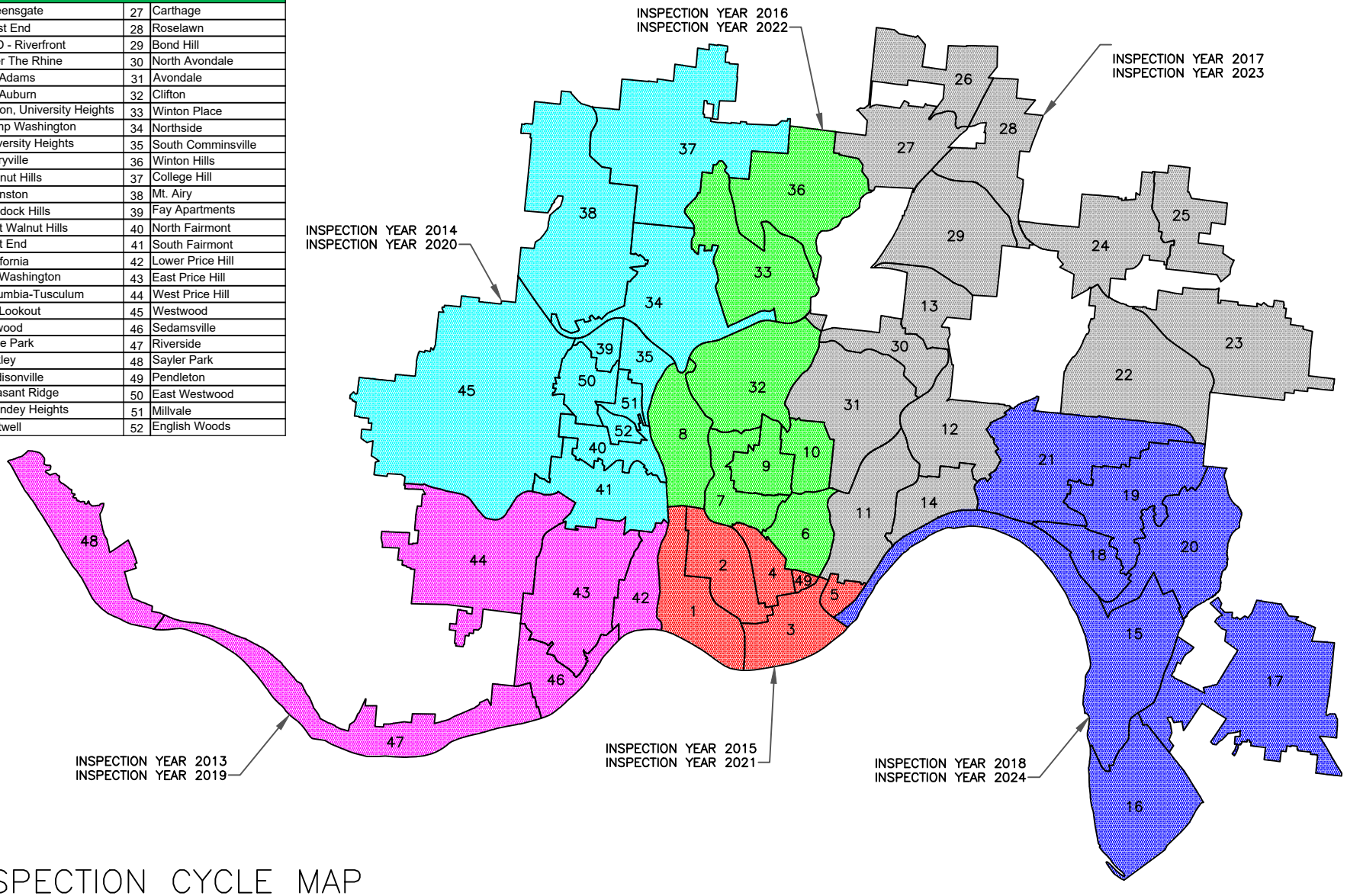
Transportation and Engineering Maintained Walls - Changes from 2015 to 2021

Wall No	Community	Street	Wall Height	Wall Length	Wall Type	Avg Struct '15	Avg Struct '21
335-118	Mt. Adams	BAUM STREET	8	78	Cantilever, Concrete	0.73	0.82
335-121	Mt. Adams	OREGON STREET	16	234	Cantilever, Concrete	0.67	0.55
335-124A	Mt. Adams	WAREHAM DRIVE	33.1	410	Gravity, Concrete	0.18	0.27
335-124B	Mt. Adams	WAREHAM DRIVE	18.6	552	Gravity, Concrete	0.09	0.18
335-125	Mt. Adams	WAREHAM DRIVE	12.5	187	Gravity, Concrete	1.00	1.20
335-130	Mt. Adams	HATCH STREET	14	129	Cantilever, Concrete	0.27	0.30
335-137	Mt. Adams	MARTIN DRIVE	23	190	Cantilever, Concrete	0.50	0.45
335-139B	Mt. Adams	MONASTERY STREET	8	468	Pier, Cantilever	0.27	0.45
335-140	Mt. Adams	MONASTERY STREET	2.5	144	Pier, Cantilever	0.18	0.27
335-146	Mt. Adams	ELSINORE AVENUE	3.5	116	Pier, Cantilever	0.00	0.09
335-163A	Mt. Adams	COLUMBIA PKWY., N. RAMP	10	240	Cantilever, Concrete	0.42	0.36
335-163B	Mt. Adams	COLUMBIA PKWY., N. RAMP	23	240	Toe, Concrete	0.42	0.36
335-164B	Mt. Adams	COLUMBIA PKWY., S. RAMP	26	420	Toe, Concrete	0.50	0.36
335-174	Mt. Adams	VAN METER STREET	24	477	Pier, Tiedback	0.18	0.10
335-175A	Mt. Adams	FORT VIEW STEPS	5	48	Gravity, Mortared Stone	0.40	0.33
335-175D	Mt. Adams	FORT VIEW STEPS	4	35	Gravity, Mortared Stone	0.73	0.90
335-176B	Mt. Adams	FORT VIEW STEPS	5	134	Gravity, Mortared Stone	0.30	0.22
335-177	Mt. Adams	ELSINORE AVENUE	3	114	Pier, Cantilever	0.18	0.09
335-178	Mt. Adams	THIRD STREET, EAST	4	24	Cantilever, Concrete	0.30	0.40
335-217	Mt. Adams	BAUM STREET	20	255	Gravity, Dry Stone	1.36	2.30
335-311	CBD - Riverfront	US 50 EB	23	385	Mechanically Stabilized	0.08	0.09
335-312	CBD - Riverfront	US 50 WB	19	98	Mechanically Stabilized	0.08	0.25
335-313	CBD - Riverfront	LYTLE PLACE	5.5	474	Cantilever, Concrete	0.27	0.36
335-314	CBD - Riverfront	LYTLE PLACE	2.4	71	Cantilever, Concrete	0.27	0.20
336-253B	Mt. Adams	ELSINORE AVENUE	15	313	Cantilever, Concrete	0.00	0.08

SECTION 5

Inspection District Map

COMMUNITIES			
1	Queensgate	27	Carthage
2	West End	28	Roselawn
3	CBD - Riverfront	29	Bond Hill
4	Over The Rhine	30	North Avondale
5	Mt. Adams	31	Avondale
6	Mt. Auburn	32	Clifton
7	Clifton, University Heights	33	Winton Place
8	Camp Washington	34	Northside
9	University Heights	35	South Comminsville
10	Corryville	36	Winton Hills
11	Walnut Hills	37	College Hill
12	Evanston	38	Mt. Airy
13	Paddock Hills	39	Fay Apartments
14	East Walnut Hills	40	North Fairmont
15	East End	41	South Fairmont
16	California	42	Lower Price Hill
17	Mt. Washington	43	East Price Hill
18	Columbia-Tusculum	44	West Price Hill
19	Mt. Lookout	45	Westwood
20	Linwood	46	Sedamsville
21	Hyde Park	47	Riverside
22	Oakley	48	Sayler Park
23	Madisonville	49	Pendleton
24	Pleasant Ridge	50	East Westwood
25	Kenndey Heights	51	Millvale
26	Hartwell	52	English Woods



INSPECTION CYCLE MAP

SECTION 6

Retaining Wall Inspection Form

RETAINING WALL INSPECTIONS



Wall Number: _____

Street: _____

	DIVISION Structure	RATING	COMMENTS
1	Cracking----------		
2	Bulging----------		
3	Sliding----------		
4	Tilt----------		
5	Settlement----------		
6	Delamination----------		
7	Joints----------		
8	Wall Cap----------		
9	Stone/Block----------		
10	Footing----------		
11	Landslide Damage-------		
12	Tree Damage----------		
			Average Structural Condition
	Drainage		
13	Backdrains----------		
14	Weep Holes----------		
15	Ditch Behind Wall---------		
16	Erosion----------		
17	Leakage----------		
			Average Drainage Condition
	Cosmetic		
18	Discoloration----------		
19	Graffiti----------		
20	Gunite----------		
21	Paint/Miracoat----------		
			Average Cosmetic Condition
	Miscellaneous		
22	Brush/Undergrowth--------		
23	Railing/Fence----------		
24	Curb----------		
25	Sidewalk/Roadway--------		
26	Steps----------		
			Average Miscellaneous Condition
	General Condition		
27	Overall Wall Rating		

Community No.: Community: #N/A

Inspected By: Inspection Date:

Last Overall Wall Rating: Change in Rating:

Last Inspection Date: ("+" = getting better / "-" = getting worse)

Retaining Wall Inspection Form (Excel) 2/1/2013

RETAINING WALL INSPECTION FORM

The technician/inspector uses this form in the field to write down inspection data. A form is filled out for each wall that is inspected. As of 01/01/2011 only DOTE and other City department walls are inspected on an annual basis. Inspect walls that have Maintenance Code letters B, D, F, G, H, M, R, S, T, & W. At the top of the form, the technician/inspector fills out data that pertains to the community number that the wall is located in, the retaining wall number, the street the wall is located on, who inspected the wall and the date the wall was inspected.

The rest of the retaining wall inventory form is divided into five divisions and these are: Structural, Drainage, Cosmetic, Miscellaneous and General Condition. The Structural, Drainage, Cosmetic and Miscellaneous Divisions have various categories and each category is assigned a sequential number. There are 25 categories in all. Each category is rated from 0 to 4 and the rating system is shown below.

0 = No Problems
1 = Minor Problems
2 = Moderate Problems
3 = Severe Problems
4 = Critical Problems
NA = Category Not Graded
Because It Is Non-Applicable

Each division has three columns, one for category, one for rating and one for comments. The technician/inspector carefully examines the wall for each category, rates the category by consulting the attached guide and enters pertinent comments that relate to the category.

Each division has an average rating box at the bottom of the rating column. The average rating is the sum of all the ratings in that division. An NA rating is not included in the average rating. An example is shown below.

COSMETIC DIVISION

CATEGORY	RATING	COMMENTS
18. DISCOLORATION……	2	rust from fence
19. GRAFFITI……	3	patches from graffiti cover-up
20. GUNITE……..	NA	there is no gunite
21. PAINT/MIRACOAT……	1	private paint job
TOTAL SUM OF CATERGORIES	6	

Sum of Ratings (6) divided by (Number of Categories (3) = 2.0 Average Rating.

The General Condition Division has one line to list the overall wall rating. This is sum of all rated categories divided by the number of rated categories. Do not include NA categories. The computer inspection form includes a large Additional Comment box. Use this comment box to input information about repairs required including measurements and amounts.

STRUCTURAL DIVISION

The Structural Division is the most important because the categories impact the stability of the wall. The inspector should carefully inspect these categories, especially cracking, bulging, sliding, tilt, settlement and delaminations. Severe or
critical problems in these categories should be addressed ASAP. Technician should maintain a spreadsheet of walls with severe and critical problems to coordinate maintenance with engineers, Public Service Department and contractors.

1. CRACKING
   0 = None
   1 = Minor; hairline
   2 = Moderate; partial penetration, width < 1/8”
   3 = Severe; deep cracks, width 1/8” or more, exposed rebar
   4. = Critical: full or partial wall failure

   Suggested Comments: numbers, locations, sizes, direction, causes and previous repairs

2. BULGING
   0 = None
   1 = Minor; pushed out 3” or less
   2 = Moderate; pushed out 3” to -6”
   3 = Severe; pushed out more than 6”
   4 = Critical; wall failure due to collapsed bulge

   Suggested Comments: numbers, locations, pushed out measurements, settlement above bulge, causes and previous repairs

3. SLIDING
   0 = None
   1 = Minor; offset 3” or less at joint
   2 = Moderate; offset 3” to -6” at joint
   3 = Severe; offset more than 6” at joint
   4 = Critical; wall failure due to sliding

   Suggested Comments: number, locations, offset measurements, damage to property supported by wall, causes and previous repairs

4. TILT
   0 = None
   1 = Minor; less than 1” per foot
   2 = Moderate; 1” to 2” per foot
   3 = Severe; more than 2” per foot
   4 = Critical; wall failure due to tilting

   Suggested Comments; numbers, location, tilt measurements, damage to property supported by wall, causes and previous repairs

5. SETTLEMENT
   0 = None
   1 = Minor; less than 3”
   2 = Moderate; 3”+ to 6”
   3 = Severe; more than 6”
   4 = Critical; wall failure due to settlement

   Suggested Comments: numbers, locations, measurements, causes and previous repairs

6. DELAMINATIONS
   0 = None
   1 = Light; sporadic small areas
   2 = Moderate; sporadic medium areas
   3 = Severe; exposed rebar
   4 = Critical; wall failure due to delaminations

   Suggested Comments: numbers, locations, sizes, causes and previous repairs

7. JOINTS
   0 = None
   1 = Minor; joint material missing or deteriorated
   2 = Moderate; broken and less than 2” wide
   3 = Severe; broken and 2” to 4” wide
   4 = Critical; broken and wider than 4”

   Suggested Comments: numbers, location, measurements, causes and previous repairs

8. WALL CAP
   0 = None
   1 = Minor; small cracks
   2 = Moderate; cracks & delaminations
   3 = Severe; cracks & delaminations with exposed rebar
   4 = Critical; large sections of cap deteriorated or missing

   Suggested Comments: numbers, location, measurements, causes and previous repairs

9. STONE OR BLOCK
   0 = None
   1 = Minor; isolated missing and or loose units
   2 = Moderate; small areas of missing and loose units
   3 = Severe; large areas of missing and loose units
   4 = Critical; very large areas of missing and loose units

   Suggested Comments: numbers, locations, measurements, causes and previous repairs

10. FOOTING
    0 = None
    1 = Minor; cracked

2 = Moderate; cracked and spalled
3 = Severe; cracked, spalled and broken
4 = Critical; cracked, spalled, broken and exposed rebar

Suggested Comments: numbers, locations, measurements, causes, previous repairs and for footers underground and unable to inspect write NA

11. LANDSLIDE DAMAGE
0 = None
1 = Minor; debris overtopping wall, but no damage to wall
2 = Moderate; minor damage to wall
3 = Severe; damage to wall requires repairs
4 = Critical; wall failure caused by landslide

Suggested Comments: locations, causes, property effected and previous repairs

12. TREE DAMAGE
0 = None
1 = Minor; light damage
2 = Moderate; cracking and movement
3 = Severe; damage to wall requires repairs
4 = Critical; wall failure caused by trees

Suggested Comments: numbers, location, damage and previous repairs

DRAINAGE DIVISION

13. UNDERDRAINS AND BACKDRAINS
0 = None
1 = Minor; pipe leaking onto sidewalk or roadway
2 = Moderate; partial blockage
3 = Severe: full blockage
4 = Critical: collapsed pipe

Suggested Comments: inspect outlet after heavy rain, inform Stormwater of problem, most pipes are underground and cannot be inspected, therefore the most common comment is NA

14. WEEP HOLES
0 = None
1 = Minor; some holes clogged and or buried
2 = Moderate; 1/3 of holes are clogged and or buried
3 = Severe; 2/3 of holes are clogged and or buried
4 = Critical; all holes are clogged and or buried

Suggested Comments: numbers, holes are weeping, roots in hole and debris in hole

15. DITCHES AND TRENCHES
    0 = None
    1 = Minor; ditch partially blocked
    2 = Moderate; ditch fully blocked and or slightly settled
    3 = Severe; ditch settled enough to impede flow of water
    4 = Critical; ditch damaged and non-functional

    Suggested Comments: clean ditch and or inlet, measurements, and inform Stormwater

16. EROSION
    0 = None
    1 = Minor; light overtopping or one end eroded
    2 = Moderate; moderate overtopping and or both ends eroded
    3 = Severe; heavy overtopping and erosion at ends which requires cleanup or slight undermining of wall
    4 = Critical; wall undermined by erosion

    Suggested Comments: description of erosion, causes and previous repairs

17. SEEPAGE
    0 = None
    1 = Minor; slight seepage through joints and or cracks
    2 = Moderate; moderate seepage through joints and or cracks
    3 = Severe; heavy seepage through joints and or cracks
    4 = Critical; constant flow of water through joints and or cracks

    Suggested Comments: numbers, locations, water ponding, slick surfaces, algae, possible spring or broken sewer pipe behind wall

COSMETIC DIVISION

18. DISCOLORATION
    0 = None
    1 = Minor; 25% or less
    2 = Moderate; 25%+ to 50%
    3 = Severe; 50%+ to 75%
    4 = Critical; more than 75%

    Suggested Comments: types, locations and causes

19. GRAFFITI
    0 = None
    1 = Minor; patches from previous cover-up
    2 = Moderate; small amounts
    3 = Severe; large amounts
    4 = Critical; ugly surface due to repeated graffiti & cover-ups

    Suggested Comments: notify graffiti removal and or notify Police gang unit

20. GUNITE
    0 = None
    1 = Minor; sporadic flaking
    2 = Moderate; small portions fallen
    3 = Severe; large amounts fallen
    4 = Critical; mostly gone and non-functioning

    Suggested Comments: numbers, locations and causes

21. PAINT OR MIRACOAT
    0 = None
    1 = Minor; sporadic flaking
    2 = Moderate; small portions missing
    3 = Severe; large portions missing
    4 = Critical; mostly missing

    Suggested Comments: numbers, location and causes

MISCELLANEOUS

22. BRUSH OR OVERGROWTH
    0 = None
    1 = Minor; landscaping
    2 = Moderate; over hanging wall
    3 = Severe; over hanging and in front of wall
    4 = Critical; wall completely overgrown, inaccessible

    SUGGESTED COMMENTS: location and notify Public Services

23. RAILING OR GUARDRAIL
    0 = None
    1 = Minor; light damage or rusted
    2 = Moderate; moderate damage
    3 = Severe; heavy damage or rusted through, requires repairs
    4 = Critical; mostly wrecked and or missing, requires replacement

    Suggested Comments: location, amount, notify Public Services and research Police Report

24. CURB
    0 = None
    1 = Minor; light deterioration or damage
    2 = Moderate; moderate deterioration or damage
    3 = Severe; heavy deterioration or damage, requires repairs
    4 = Critical; mostly deteriorated, damaged or missing, requires replacement

    Suggested Comments: location, amount, causes and notify proper agency

25. ROADWAY OR SIDEWALK
    0 = None
    1 = Minor; light cracking and or settlement
    2 = Moderate; moderate cracking and or settlement
    3 = Severe; heavy deterioration, requires repairs
    4 = Critical; unusable, requires replacement

    Suggested Comments: location, amount, causes and notify proper agency

26. STEPS
    0 = None
    1 = Minor; light deterioration
    2 = Moderate; moderate deterioration
    3 = Severe; heavy deterioration, requires repairs
    4 = Critical; unusable, requires replacement

    Suggested Comments: location, amount, causes and notify proper agency

GENERAL CONDITION

27. OVERALL WALL RATING
    0 = Excellent Condition: No Problem
    1 = Good Condition: Minor Movement, Cracking, settlement and Discoloration
    2 = Fair Condition: Wall stable but Need Minor Repairs
    3 = Poor Condition: Excessive deterioration, Major Rehab Work Required
    4 = Wall Failure: Immediate Replacement Required

    Suggested Comments: location, amount, causes and notify proper agency

Executive Summary of 2021 Infrastructure Reports

Bridges

DOTE bridge engineers inspect and report on the condition of 238 bridges. Seventy-one (71) of those bridges are City-owned and are the direct responsibility of the City Bridge Rehabilitation Program.

Bridges in the City Bridge Rehabilitation Program are inspected, evaluated and rated on an annual basis. The bridges receive a rating on a 0-to-9 scale, with 6 being "satisfactory" and 7 being "good." The goal is to ensure assets included in the City Bridge Rehabilitation Program maintain a weighted average of 6 ("satisfactory"). In 2021, that goal was met with a weighted average of 6.85.

The City Bridge Rehabilitation Six Year Plan included in the report demonstrates that the current level of City funding is insufficient to adequately address all the maintenance and replacement needs of existing bridges. Reliance on outside funding has been and will continue to be necessary to achieve program goals.

Pavements

The City has more than 2,900 lane miles of paved roadways. Since 2015 all City streets (pavements) are inspected and rated on an annual basis using automated data collection, which is collected via GPS-based digital imaging and processing equipment. By utilizing this process, the City's consultant can assign each segment of roadway a pavement condition index (PCI) rating ranging from 0-100. DOTE uses PCI ratings to make decisions regarding planning for street rehabilitation and roadway priorities. The lowest-rated streets receive top priority.

Due in part to a lack of funding, the pandemic, and rising costs, DOTE did not meet the program goal to rehabilitate 100 lane miles a year for 2021. DOTE did manage to rehabilitate 42 lane miles in CY21 and performed no preventive maintenance surface treatments. A pavement condition inspection and rating was performed in 2021, the weighted city average PCI is a 67.

Traffic Infrastructure

Traffic Signals - DOTE is responsible for maintaining traffic signals, street lighting, pavement markings and traffic control signage in the public right-of-way. The City has approximately 6,500 intersections, more than 800 of which have a traffic signal and 91 school flashers. DOTE's Traffic Engineering Division rebuilds aging infrastructure based on a 25-year life cycle schedule. The average age of the traffic signals in the City's system is 24 years and many signals are at the end of their service life.

CTCS - The Traffic Engineering Division operates and maintains the Computerized Traffic Control System (CTCS). The CTCS is a network that interconnects traffic signals and pedestrian walk lights across Cincinnati. The system enables DOTE traffic engineers to communicate and diagnose problems with signalized intersections. The CTCS system is divided into 16 geographical zones. Only three of the 16 zones have been updated with digital communications equipment. The other zones have obsolete communications equipment that is more than 30 years old, which exceeds its estimated life of service.

Electric Streetlighting - The electric lighting system used across Cincinnati is broken into three categories: City-owned lights (4,500 fixtures), City-owned assessed lights (4,000 fixtures), and Duke Energy-owned lights (21,000 fixtures). Many of the light fixtures in each of the three categories have been converted to LED over the past five years. All City-owned lights were converted to LED in 2014, using a performance contract with Honeywell. Approximately 700 City-owned assessed light fixtures have been converted to LED as have approximately 600 Duke Energy-owned light fixtures. While the lights have been converted, the lighting equipment itself, regardless of category, has exceeded its serviceable life and is more than 30 years old.

Gas Streetlighting - The City has approximately 1,100 gas streetlights spread across all Cincinnati neighborhoods. In general, these assets are in poor/failed condition and are more than 40 years old, which is well past the suggested service life for this technology.

Signs and Paint - The City has more than 985 miles of paved streets with traffic control signs (i.e. stop signs, yield signs, etc.) and pavement markings. The roadways contain approximately 300,000 traffic control signs, 20,000 street name signs, and about 750 miles of pavement marking lines.

Retaining Walls and Landslides

A significant number of retaining wall and landslide stabilization projects were completed in in 2020 and 2021. The most notable project being the Columbia Parkway Hillside Stabilization Project which began construction in June of 2019 and was completed in September of 2021. DOTE is responsible for 1,619 retaining walls having a combined total length of 53.8 miles. Retaining walls are funded from the same capital funds used for landslide stabilization projects. Landslide projects receive top priority over retaining wall replacement and repairs due to the fact landslides lead to a greater potential of road closures, infrastructure damage and threat to public safety.

The Wall Stabilization & Landslide Correction Six Year Plan included in the report demonstrates that the current funding is not sufficient to adequately address the maintenance and replacement of existing retaining walls and the stabilization of

landslides which impact the roads. The Program is highly dependent on securing outside funding. Retaining walls and landslide locations will continually be inspected and evaluated. The Program will prioritize allocated funding to address the most critical locations given the constraints of the budget.

city of CINCINNATI
Interdepartment Correspondence Sheet

Date: August 3, 2022

To: Mayor and Members of City Council 202201575

From: John P. Curp, Interim City Manager

Subject: WEST SIDE BIKE TRAIL

Reference Document #202201292

The Council at its session on June 8, 2022 referred the following item for review and report.

> MOTION, dated 5/31/2022, submitted by Councilmember Cramerding, WE MOVE that the Administration study and provide a report on bike trail infrastructure measures linking the West Side to Downtown, including along State Avenue and West Eighth Street in Lower Price Hill. It should also consider what elements can provide foundations for the future Dunham to Lick Run bike trail in the interim and long-term.

The following report by the Department of Transportation and Engineering (DOTE) details current bike infrastructure efforts to link the West Side to Downtown.

DOTE is currently working on 3 separate bike infrastructure connections from the West Side to Downtown.

DUNHAM CONNECTION and LICK RUN TRAIL

On April 13, 2022, Council approved an allocation of $400,000 to DOTE for the development of bike trail infrastructure connecting the Lick Run, Rapid Run, and Dunham Recreation facilities. This funding will provide planning and design support for the connections with any remaining funds to be used for construction. DOTE will be using a consultant for the planning and design which is expected to take at least a year and will include community engagement. Construction funding will require outside grant funding which may include Transportation Alternatives (TA), Surface Transportation Block Grant (STBG), Transit Infrastructure Grant (TIG), or Clean Ohio Trail Fund (COTF), to name a few with the local match coming from future City capital budget allocation. These connections would further extend eastward through the existing Lick Run to the future Western Hills Viaduct replacement that will include a shared use path component, thereby linking Lick Run bike facilities to Central Parkway and downtown.

WEST EIGHT STREET and LOWER PRICE HILL

On April 13, 2022, DOTE applied for a RAISE Grant from the Bipartisan Infrastructure Law (BIL), which, if successful, would provide up to $25,000,000 in Federal funding for the planning, design, and construction of improvements to drastically improve West 8th Street, Linn Street, and State Street. This work would include bike facilities on Linn from 6th street to Central Parkway in the West End, and on West 8th Street from State Street in Lower Price Hill to Downtown at Central Avenue. Grant award notices are expected in the Fall of 2022.

OHIO RIVER TRAIL WEST

Additionally, DOTE is continuing to develop the Ohio River Trail (ORT) on the west side of the City. A consultant is working on a feasibility study to evaluate all options to connect the existing trails at Fairbanks Avenue to the trail at State Street. Community engagement will be performed once the options

are developed. The feasibility will be complete in 2023. The construction of this connection will depend on the option recommended, it's cost and availability of funding.

cc: John S. Brazina, Director, Transportation and Engineering

City of Cincinnati

801 Plum Street, Suite 346B
Cincinnati, Ohio 45202

Phone (513) 352-3640
Email jeff.cramerding@cincinnati-oh.gov
Web www.cincinnati-oh.gov

202201747

Jeff Cramerding
Councilmember

September 6, 2022

MOTION

WE MOVE that the Administration provide a report to outlining the parameters, processes, and constraints of the current yard waste disposal program. It should outline what the Ohio Revised Code and the Ohio Environmental Protection Agency require for yard waste disposal and identify better or best practices for yard waste removal and separation.

BACKGROUND

We want to find out how our current legal structure regulates this, both on the local and state level, and how we as a City can limit the environmental impact of yard waste disposal and increase the longevity of the Hamilton County garbage plant.

CAL

City of Cincinnati

801 Plum Street, Suite 346B
Cincinnati, Ohio 45202

Phone (513) 352-3640
Email jeff.cramerding@cincinnati-oh.gov
Web www.cincinnati-oh.gov

202201673

Jeff Cramerding
Councilmember

August 16, 2022

MOTION

WE MOVE the Administration to produce a report within 60 days on the legality and options for increased flexibility on how the Urban Forestry frontage assessment funds are utilized, including identifying other Ohio cities that have more flexibility in their programs. The current program is limited to planting, maintenance and management of trees that are within and/or pose a risk to the right of way. If the funds could be used to plant and maintain trees on other public property, including other city property or Cincinnati Public Schools property, it could be a tool in reducing heat islands in vulnerable low canopy neighborhoods, such as Bond Hill, Avondale, Millvale, Winton Hills, and others.

This motion and the subsequent report should not raise the assessment, just create flexibility on how existing funds could be spent.

JEFF CRAMERDING

Jan-Michele Lemon Kearney

Mark D. Owens

HN
8/18
CAL

city of CINCINNATI
Interdepartment Correspondence Sheet

Date: September 8, 2022

202201740

To: Mayor and Members of City Council

From: Sheryl M. M. Long, City Manager

Subject: ORDINANCE – CONSENT LEGISLATION FOR ODOT BRIDGE MAINTENANCE

Attached is an ordinance captioned as follows:

> **AUTHORIZING** the City Manager to take all necessary and proper actions to cooperate with the Director of the Ohio Department of Transportation to facilitate the performance of bridge maintenance activities for the bridges located on State Route 32 over the Little Miami River, 9th Street over Interstate 75, and E. McMillan Street over Interstate 71 in connection with the Ohio Department of Transportation's district-wide bridge maintenance project in the City of Cincinnati.

The bridges are located in the neighborhoods of Linwood, West End, and Walnut Hills within the City of Cincinnati corporation limits.

State Route 32 over the Little Miami River work includes replacing bridge bearings and cleaning beam seats, 9th Street over I-75 work includes replacing and cleaning bridge drainage items, and McMillan Street over I-71 work includes repairing sidewalks and sealing the bridge deck.

The City's Department of Transportation and Engineering (DOTE) has reviewed and approves of the proposed project that is scheduled for field construction in 2023 dand 2024.

The State of Ohio will provide 100% of the cost of the Project. Upon completion of the project, the City will continue its existing right of way maintenance responsibilities.

The Administration recommends passage of the attached ordinance.

cc: John S. Brazina, Director, Transportation and Engineering

City of Cincinnati

JRS

EESW

An Ordinance No. _____ - 2022

AUTHORIZING the City Manager to take all necessary and proper actions to cooperate with the Director of the Ohio Department of Transportation to facilitate the performance of bridge maintenance activities for the bridges located on State Route 32 over the Little Miami River, 9th Street over Interstate 75, and E. McMillan Street over Interstate 71 in connection with the Ohio Department of Transportation's district-wide bridge maintenance project in the City of Cincinnati.

WHEREAS, the Ohio Department of Transportation ("ODOT") has identified the need to perform bridge maintenance activities as part of its district-wide bridge maintenance project, which may include replacing bridge bearings and cleaning beam seats for the bridge on State Route 32 over the Little Miami River (SFN 3102076), replacing and cleaning bridge-drainage items for the bridge on 9th Street over Interstate 75 (SFN 3109038), and repairing sidewalks and sealing the bridge deck for the bridge on E. McMillan Street over Interstate 71 (SFN 3114260) (PID No. 105478) ("Project"); and

WHEREAS, except as needed for temporary access, no transfer of City right-of-way is required for the Project, and no change in the use of City streets is expected to arise from the Project; and

WHEREAS, the State of Ohio shall provide 100% of the eligible cost of the Project; and

WHEREAS, ODOT has requested that all necessary rights of way in the Project area be made available for the Project in accordance with current state and federal regulations; and

WHEREAS, the City's Department of Transportation & Engineering has reviewed and approved the proposed Project; and

WHEREAS, the extent of City streets and changes in their use are subject to review and approval by the City Planning Commission, but no changes requiring the commission's review have been identified at this stage of the Project; and

WHEREAS, upon completion of the Project, ODOT and the City desire for the City to continue its existing maintenance responsibilities for the right of way in the Project area, as applicable, and other duties required by applicable state and federal law; now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That the City of Cincinnati consents to and shall cooperate with the Director of the Ohio Department of Transportation ("ODOT"), on behalf of the State of Ohio, to facilitate the

performance of bridge maintenance activities as part of ODOT's district-wide bridge maintenance project, which shall include replacing bridge bearings and cleaning beam seats for the bridge on State Route 32 over the Little Miami River (SFN 3102076), replacing and cleaning bridge drainage items for the bridge on 9th Street over Interstate 75 (SFN 3109038), and repairing sidewalks and sealing the bridge deck for the bridge on E. McMillan Street over Interstate 71 (SFN 3114260) (PID No. 105478) ("Project").

Section 2. That the State of Ohio will assume and bear 100% of the cost of the improvements proposed as part of the Project.

Section 3. That the City shall bear 100% of the cost of those features, if any, requested by the City that ODOT and the Federal Highway Administration determine to be unnecessary for the Project; as of the date of this ordinance, no such features have been identified.

Section 4. That the City agrees to make available to ODOT all City rights-of-way required for the Project, including utility relocation, in accordance with current state and federal regulations and subject to any additional City approvals required for the encumbrance or acquisition of City property or change in use of City streets. The City acknowledges that all utility accommodation, relocation, and reimbursement in connection with the Project will comply with the current provisions of 23 C.F.R. 645 and the ODOT Utilities Manual.

Section 5. That, from time to time, change orders and extra-work contracts may be required to fulfill the Project, and ODOT shall provide written notice to the City, which shall process such as needed and contribute the City's share of the costs of those items; as of the date of this ordinance, no such costs have been identified.

Section 6. That, to the extent applicable and unless otherwise agreed, the City upon completion of the Project shall: (1) provide adequate maintenance for the Project in accordance

with all applicable state and federal law, including, but not limited to, 23 U.S.C. Section 116; (2) provide ample financial provisions, as necessary, for any City maintenance responsibilities in connection with the Project; (3) to the extent required by state and federal law, maintain the right of way and keep it free of obstructions; and (4) hold said right of way inviolate for public highway purposes.

Section 7. That the City Manager is hereby authorized to enter into any agreements and process any change orders or extra-work orders connected thereto with the Director of ODOT, or ODOT-prequalified consultants, as necessary to complete the Project in accordance with the terms of this ordinance.

Section 8. That the City Manager is further authorized to execute any documents, upon the request of ODOT, necessary to allow ODOT to recover damages or exercise its rights and remedies under any contracts arising from any errors or omissions of any contractors or consultants.

Section 9. That the City Manager and the appropriate City officials are hereby authorized to take all necessary and proper actions to cooperate with the Director of ODOT to facilitate the Project.

Section 10. That this ordinance shall take effect and be in force from and after the earliest period allowed by law.

Passed: _____, 2022

_____
Aftab Pureval, Mayor

Attest: _____
Clerk

city of CINCINNATI
Interdepartment Correspondence Sheet

September 8, 2022

To: Mayor and Members of City Council 202201743

From: Sheryl M. M. Long, City Manager

Subject: **Ordinance** – Self-Closing Doors

Attached is an Ordinance captioned:

> **MODIFYING** Chapter 1117, "Housing Code," of the Cincinnati Municipal Code by amending Section 1117-15, "Fire-Protective Features," and Section 1117-45, "General Maintenance and Repair"; and MODIFYING the provisions of Chapter 1219, "Miscellaneous Regulations," by enacting new Section 1219-73, "Self-Closing Doors," all to implement enhanced fire safety measures that promote the containment and suppression of flame and smoke in multi-family residential structures.

The Administration recommends passage of this Ordinance.

cc: Virginia Tallent, Interim Assistant City Manager

MODIFYING Chapter 1117, "Housing Code," of the Cincinnati Municipal Code by amending Section 1117-15, "Fire-Protective Features," and Section 1117-45, "General Maintenance and Repair"; and MODIFYING the provisions of Chapter 1219, "Miscellaneous Regulations," by enacting new Section 1219-73, "Self-Closing Doors," all to implement enhanced fire safety measures that promote the containment and suppression of flame and smoke in multi-family residential structures.

WHEREAS, doors providing access to interior corridors or stairs in multi-unit residential structures that are left ajar during fire emergencies constitute a distinct hazard to life, property, and the public welfare by permitting the spread of smoke and flame beyond a unit of origin, which increases the likelihood of occupant and first responder fatalities, as implicated in the death of 30-year Cincinnati Fire Department veteran FAO Daryl Gordon in 2015; and

WHEREAS, recent deadly fires in multiple dwelling structures in Philadelphia, New York City, and Baltimore illustrate the need for proactive action to protect residents and first responders; and

WHEREAS, the City's Fire Chief has determined that existing multiple-dwelling residential structures without self-closing and automatically latching residential unit doors that access interior corridors or stairs constitute a distinct hazard to life, property, and the public welfare, as they are most susceptible to the rapid spread of smoke and flame, endangering occupants and first responders; and

WHEREAS, doors properly equipped with devices that ensure self-closing and automatic latching after having been opened, otherwise known as self-closing doors, segregate and temporarily confine smoke and flame within the unit of origin during a fire emergency, providing occupants and first responders additional time for emergency exit; and

WHEREAS, the installation of self-closing door hardware is a relatively simple and inexpensive solution that provides substantial benefits toward mitigating the distinct hazard to life, property, and the public welfare posed by multiple-dwelling residential unit doors left ajar during fire emergencies; and

WHEREAS, Council finds that it is in the best interest of the public health, safety, and general welfare to impose a requirement to equip doors that provide access to interior corridors or stairs in existing multiple-dwelling residential structures with approved self-closing door hardware that will ensure closing and latching after having been opened; now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That Section 1117-15, "Fire-Protective Features," and Section 1117-45, "General Maintenance and Repair," of Chapter 1117, "Housing Code," of the Cincinnati Municipal Code are hereby amended to read as follows:

Sec. 1117-15. - Fire-Protective Features.

1117-15.1 *General*: Every three-family and multiple dwelling shall be protected with such fire-protective features as may be required for the adequate protection of the occupants thereof. The minimum requirements for such protection are as set out in ~~§§~~Sections 1117-15.2 through 1117-15.~~7~~8 CBC.

1117-15.2 *Interior stairways and corridors*: Any interior stairway or corridor serving more than one apartment, rooming unit or dwelling unit shall be enclosed with approved fire-resistive construction. Corridors shall be constructed so as to be effective barriers to resist the passage of smoke. Any doorway in said construction shall be protected by an approved solid core wood door or equivalent, which shall be well-fitted within the opening. An undercut to the door greater than three-fourths (¾) of an inch is prohibited.

1117-15.3 *Use of glass*: No plain glass shall be used in any door or transom opening upon an interior stairway serving more than one apartment, rooming unit or dwelling unit. All such transoms shall be fixed or otherwise made non-openable, and any existing glass in such doors, windows, or transoms shall be replaced with wired glass or an approved equivalent, or covered with an approved material.

1117-15.4 *Fire doors*: All required fire doors shall be equipped with approved self- or automatic-closing devices, latches and keepers.

1117-15.4.1 *Signing of fire doors*: All required fire doors, except for those doors leading directly to apartments, rooming units or dwelling units, shall be designated with an approved sign with letters not less than one-half inch high, "FIRE DOOR KEEP CLOSED."

1117-15.5 *Separation of occupancies*: Residential occupancies shall be separated from other occupancies by approved fire-resistive construction.

1117-15.6 *Smoke Detectors*: Residential occupancies shall be supplied with an early fire warning system (smoke detectors) in accordance with Chapter 1235 (Fire Code) of the Cincinnati Municipal Code.

1117-15.7 *Automatic Fire Detection Systems*: All existing buildings or portions thereof of Group 1-1 (See Section 308.2 OBC) shall be provided with an Automatic Fire Detection System installed in accordance with Section 907.0 OBC or the building code in effect at the time of installation.

1117-15.8 *Self-closing doors*: By August 1, 2023, all doors providing access to interior stairways or corridors shall be self-closing or equipped with a device that will ensure closing after having been opened and automatic latching. Notwithstanding Section 1117-15.1, this section applies only to multiple dwellings with five or more dwelling units.

Section 1117-45. General Maintenance and Repair.

1117-45.1 *Premises conditions:* All residential buildings, and all parts thereof, together with the premises on which they are located, shall be kept in good repair and free from unsafe, unclean and unsanitary ~~insanitary~~ conditions, so that all parts thereof shall function properly and provide approved conditions of safety and sanitary habitability.

1117-45.2 *Supplied fixtures and equipment:* Every plumbing installation, gutter and downspout, required supplied facility, piece of equipment, or utility shall be so constructed or installed that it will function safely, and shall be maintained in satisfactory working condition.

1117-45.3 *Service or utility not to be shut off:* No owner, person in control, operator, or occupant shall cause any service, facility, equipment, or utility which is required under this Housing Code to be removed or shut off from or discontinued for any occupied dwelling, let or occupied by him except for such temporary interruption as may be necessary while actual repairs or alterations are in process, or during temporary emergencies.

1117-45.4 *Hardware for fire and self-closing doors:* All automatic and self-closing devices, and other hardware for required fire doors, self-closing doors, or other opening protectives shall be maintained in good working condition.

1117-45.5 *Unrestrained fire and self-closing doors:* No object shall be placed, and no restraining devices shall be installed so as to interfere with the proper functioning of a required fire door, self-closing door, or other opening protective.

1117-45.6 *Unused gas outlets:* Each gas outlet, including a valve or cock outlet, that is not to be used immediately, and each unused gas illuminating fixture shall be removed and the line shall be securely closed gastight with a threaded plug or cap, or, in lieu thereof, the use of a quick-disconnect device that is listed by the American Gas Association, Inc. Laboratories ~~gas association, inc., laboratories~~.

1117-45.7 *Insect and rodent control:* Every owner, person in control, or operator shall exterminate any insects, rodents, or other pests on the premises.

Section 2. That existing Section 1117-15, "Fire-Protective Features," and Section 1117-45, "General Maintenance and Repair," of Chapter 1117, "Housing Code," of the Cincinnati Municipal Code are hereby repealed.

Section 3. That Chapter 1219, "Miscellaneous Regulations," of the Cincinnati Municipal Code is hereby amended by enacting new Section 1219-73, "Self-Closing Doors," to read as follows:

Sec. 1219-73. - Self-Closing Doors.

(a) The owner of every multiple dwelling which is required to be equipped with self-closing doors pursuant to Section 1117-15.8, or any other applicable law, shall keep and maintain such doors in good working condition.

(b) No object shall be placed and no restraining devices shall be installed so as to interfere with the proper functioning of a required self-closing door.

Section 4. That doors providing access to interior corridors or stairs in existing multiple dwelling residential structures with five or more dwelling units that are not self-closing or equipped with a device that, when opened and released, returns the door to the closed position are hereby declared an imminent threat to the public health, welfare, or safety; and further, that, in order to address this imminent threat to the public health, welfare, or safety, Council hereby declares that all such doors, future and existing, must be self-closing or include an approved device that will ensure closing after having been opened as required by this ordinance.

Section 5. That the conditions declared an imminent threat to the public health, welfare, or safety in Section 4 shall not be deemed to be a lawful non-conforming condition and shall be abated consistent with the provisions of this ordinance, regardless of whether they were lawfully established under any provision of the Cincinnati Municipal Code, Ohio Revised Code, or any rule or regulation promulgated thereunder and in existence at the time of adoption of this ordinance.

Section 6. That those multiple dwelling structures existing at the time of the adoption of this ordinance that are not in strict compliance with the provisions and requirements of this ordinance shall have up to and including August 1, 2023 to comply with the provisions and requirements set forth herein.

Section 7. That this ordinance shall take effect and be in force from and after the earliest period allowed by law.

Passed: _____, 2022

_____
Aftab Pureval, Mayor

Attest: _____
Clerk

New language underscored. Deleted language indicated by strikethrough.

city of CINCINNATI
Interdepartment Correspondence Sheet

September 13, 2022

To: Mayor and Members of City Council 202201706

From: John P. Curp, Interim City Manager

Subject: Ordinance for the Zone Change at 6010-6026 Montgomery Road and 5984-5988 Lester Road in Pleasant Ridge

---

Transmitted is an Ordinance captioned:

> **AMENDING** the official zoning map of the City of Cincinnati to rezone certain real property in the Pleasant Ridge neighborhood located at 6010, 6018, 6024, and 6026 Montgomery Road and 5984 and 5988 Lester Road from the CC-P, "Commercial Community–Pedestrian," and RMX, "Residential Mixed," zoning districts to Planned Development District No. 93, "Montgomery and Lester Development."

The City Planning Commission recommended approval of the zone change at its August 19, 2022 meeting.

Summary:
The petitioner, Towne Properties, in partner with E. Levental Company and the Pleasant Ridge Development Corporation (PRDC), submitted a proposed zone change to a Planned Development, including a Concept Plan and Development Program Statement, to develop a five-story, 82-unit apartment building, consisting of 96 parking spaces, two retail spaces totaling over 6,000 square feet on the ground floor, and multiple residential amenities.

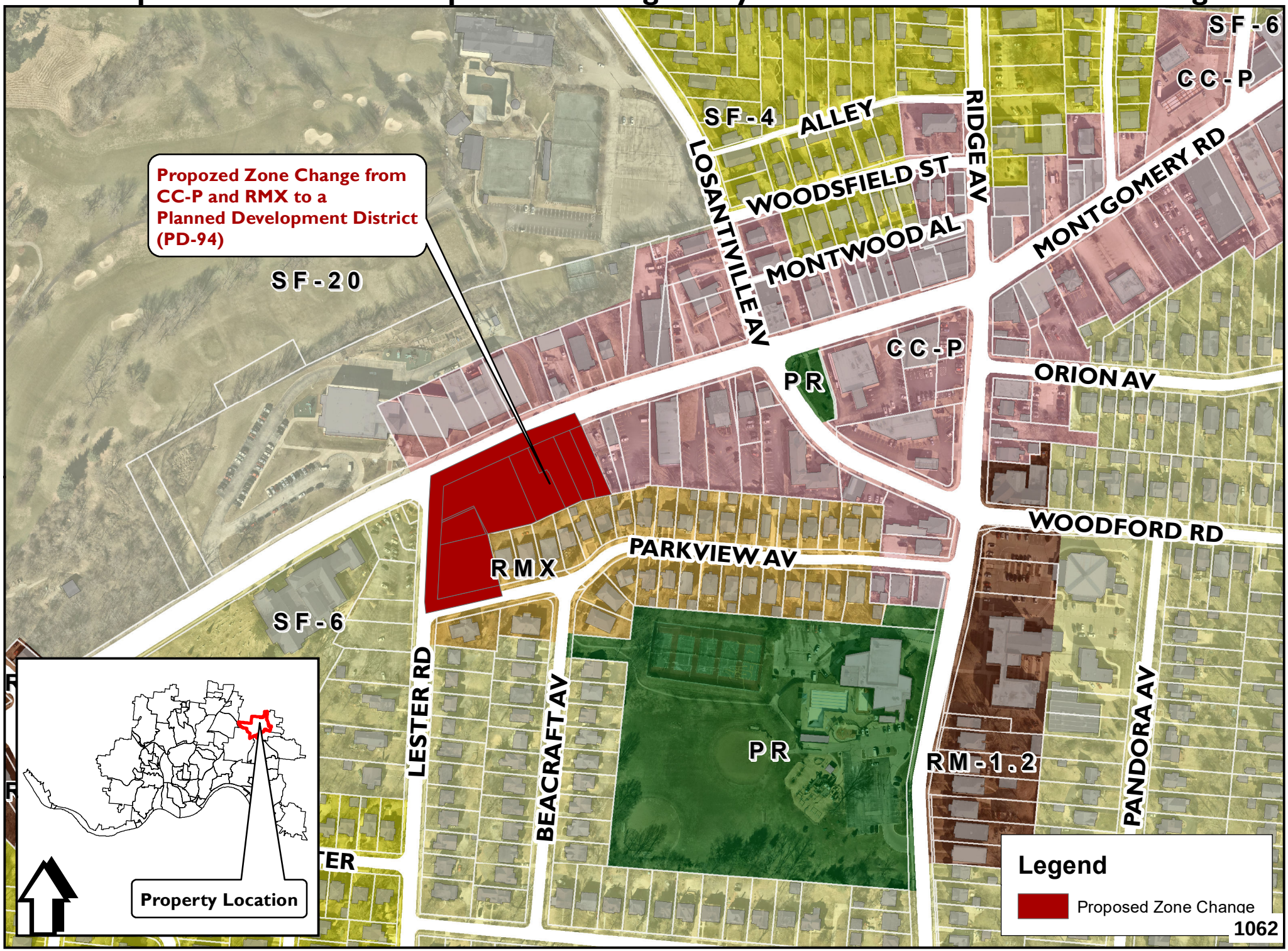
The City Planning Commission recommended the following on August 19, 2022, to City Council:

> **ACCEPT** the Concept Plan and Development Program Statement as submitted;
>
> **ADOPT** the Department of City Planning and Engagement Findings as detailed on page 3-10 of this report; and
>
> **APPROVE** the proposed change the proposed zone change from Commercial Community - Pedestrian (CC-P) and Residential Mixed (RMX) to Planned Development (PD) for 6010-6026 Montgomery Road and 5984-5988 Lester Road in Pleasant Ridge

cc: Katherine Keough-Jurs, FAICP, Director, Department of City Planning and Engagement

Exhibit A

Proposed Planned Development - Montgomery Rd & Lester Rd in Pleasant Ridge



Date: June 13, 2022

Description: Hamilton County Reutilization Corporation and Lester and Montgomery Apartments, LLC Re-Zoning

Location: City of Cincinnati ~ Hamilton County, Ohio

Situated in Sections 29 & 30, Town 4, Fractional Range 2 Between the Miamis, Columbia Township, The City of Cincinnati, Hamilton County, Ohio and being 2.040 acres to be re-zoned to Planned Development (PD) and being further described as follows:

Begin at the intersection of the centerline of Montgomery Road (70') and the centerline of Lester Road (50') said intersection being **True Point of Beginning**:

thence, from the True Point of Beginning, departing the centerline of said Lester Road and with centerline of said Montgomery Road the following four courses:

1) North 65° 02' 39" East, 221.61 feet;
2) with a curve to the right, having a central angle of 02° 38' 00", a radius of 1025.00 feet, an arc length of 47.11 feet, and a chord bearing North 66° 21' 39" East, 47.11 feet;
3) North 67° 40' 39" East, 71.80 feet;
4) with a curve to the right, having a central angle of 00° 03' 55", a radius of 1225.00 feet, an arc length of 1.40 feet, and a chord bearing North 67° 42' 36" East, 1.40 feet;

thence, leaving said centerline of Montgomery Road and with the westerly boundary extended of Duke Energy Ohio, Inc. as recorded in Deed Book 3006, Page 688, South 23° 13' 08" East, 200.04 feet to the northerly boundary of Parkview Subdivision as recorded in Plat Book 29, Page 76;

thence, leaving the westerly boundary of said Duke Energy Ohio, Inc. and with the northerly boundary extended of said Parkview Subdivision and the northerly boundary of 3020 Parkview, LLC as recorded in Official Record 13501, Page 1914 for the following two courses:

1) South 77° 43' 52" West, 63.79 feet ;
2) South 66° 10' 08" West, 123.43 feet to the northeast corner of Robert E. and Pamela J. Clark as recorded in Official Record 13303, Page 1725;

thence, with the northerly boundary of Robert E. and Pamela J. Clark, South 76° 45' 44" West, 100.00 feet to the northwest corner of Justin A. Wilkey as recorded in Official Record 13578, Page 1223;

thence, with the westerly boundary extended of said Justin A. Wilkey, South 13° 14' 16" East, 139.72 feet to the centerline of Parkview Avenue;

thence, leaving the westerly boundary extended of said Justin A. Wilkey and with the centerline of said Parkview Avenue, South 76° 41' 46" West, 170.89 feet to the centerline of said Lester Road;

thence, leaving the centerline of said Parkview Avenue and with the centerline of said Lester Road, North 03° 02' 39" East, 305.73 feet to the **True Point of Beginning** containing 2.040 acres of which 0.517 acres is right of way.

The above description is a complete, proper, and legal description of the property by deeds and plats of record.

_____

Jeffrey O. Lambert Registered Surveyor #7568 in the State of Ohio

DEVELOPMENT PROGRAM STATEMENT (WITH CONCEPT PLAN INCORPORATED IN THE ATTACHED FINAL DEVELOPMENT PLAN)

This Development Program Statement and the attached Final Development Plan is provided in support of the application for the rezoning of 6010, 6018, 6024, and 6026 Montgomery Road, and 5984, 5988 Lester Road, from a combination of CC-P and RMX with an Urban Design Overlay, to PD without the overlay. Approval of the zone change and PD requirements will allow for an improvement of the Pleasant Ridge Montgomery Road business district. The development, in a single phase, will provide a vibrant mixed use residential and commercial development. (See Attachment 1 for the survey of the property, Attachment 2 for the legal description, and Attachment 3 for the consolidation plat).

The applicant, Towne Properties, and its partners in this effort, E. Levental Company and the Pleasant Ridge Development Corporation ("PRDC"), intend to dramatically redevelop a significant portion of the Pleasant Ridge business district located at the southeast corner of Montgomery and Lester Roads. The project will remove blighted and long vacant properties, adding 82 apartment units, and 6,005 square feet of commercial space. The applicant and its partners are requesting a change in zoning to PD, as well as concurrent approval of this Development Program Statement and Final Development Plan.

Towne Properties began transforming neighborhoods nearly 60 years ago, when Neil Bortz first began developing new living spaces in Mt. Adams. Today, their experience extends to nearly 160 developments; managing 12,000 apartments and 130,000 HOA/COA units in 4 states, as well as developing more than 2,000,000 square feet of commercial property. Towne Properties has the experience and success "to contribute to a better community by profitably creating marketing and managing great places to live, work, shop, and play," as stated by their mission.

Towne Properties has worked extensively with representatives of the Pleasant Ridge community in planning and designing a project that will fit well into the neighborhood, bring new residents to the community, and enhance the economic stability of the Pleasant Ridge business district.

In developing plans for the transformation of this portion of Montgomery and Lester Roads, Towne Properties has closely and consistently worked with the Pleasant Ridge Community Council. Towne Properties has made multiple presentations at the Pleasant Ridge Community Council meetings (see Attachment 4 for a summary of the community meetings documenting support). The Community Council has posted a banner link to all project information on its website for the better part of a year, which includes questions from the community and detailed answers by Towne Properties regarding the project. In addition to the PRDC, the project has the support of the Pleasant Ridge Community Council (Attachment 5).

Towne Properties has "sufficient control over the track of land to effect the proposed plan" per Cincinnati Zoning Code Section 1429-05(b). The consolidation plat shows each parcel that will be included in the project (Attachment 3). Attached are letters of authorization to pursue and support for the zone change and development approvals from the three entities with current ownership interests in portions of the property, The Pleasant Ridge Development Corporation (Attachment 8), the Hamilton County Land Reutilization Corporation (the Landbank) (Attachment 7), and Lester and Montgomery Apartments LLC (Attachment 9).

While the proposed development is slightly less than 2 acres (1.5224), the rezoned area will be greater than 2 acres (2.040) as a result of city right of way. As required in the Cincinnati Zoning Code Section 1429-05(a), "special site characteristics exist and the proposed land uses justify development of the property as a PD." Those special characteristics include the long vacant and deteriorating buildings on Montgomery Road. A change in zoning would allow Towne Properties to replace those blighted properties with a Tudor-style five-story building with ample parking, eloquently enhancing the characteristics of the neighborhood. The opportunity to increase the population of Pleasant Ridge, and provide needed housing alternatives conforming to Plan Cincinnati and the Pleasant Ridge Vision Plan, are additional special characteristics supporting the approval of a PD.

Towne Properties' prepared plans and permit ready drawings are included in this application, which are suitable for Final Development Plan approval. Because of this, it is the

applicant's intent to seek concurrent approval of the zone change, Concept Plan and Program Statement, and Final Development Plan approval.

The Concept Plan is incorporated in the Final Development Plan, which has been prepared under Towne Properties' direction by M&A Architects. The following attachments are the Final Development Plan.

Attachment 10	**Attachment 11**	**Attachment 12**	**Attachment 13**	**Attachment 14**
Architectural Site Plan • A2.00 Site Plans and Notes • C1.00, C2.00, C2.01 Layout and Streetscape • C3.00 – C3.02 Utility and Storm • C4.00 – C4.03 Grading and Erosion Control • C5.00 – C5.02	Floor Plans • A2.10 - A2.12	Elevations • A6.00 – A6.01	Landscape Plan • L1.00 Landscape Details • L2.00	Trash Plan

The attached plans (noted above) are the complete, Final Development Plan for the proposed project, and include within it, all of the details required by CZC Section 1429-13(a) thru (h). As mentioned, Attachments 10 through 14 are included to meet the requirements of both Concept and Final Development plan approval. Additionally, an initial traffic assessment was completed (findings are included in Attachment 16) that describes regional traffic distribution,

trip generation, and level of service capacity results. Attachment 17 includes a geotechnical engineering report that provides recommendations regarding the earthwork, design, and construction of the project.

An early version of the plan was submitted to the CSR Advisory Team, and the CSPRO Committee, for a preliminary review. A copy of that report, dated June 3, 2021, can be found in Attachment 15.

The property involved in the proposed project is currently zoned CC-P and RMX with an Urban Design Overlay on the CC-P zoned property. With the rezoning to PD, the site would eliminate those zone designations, including the overlay. But it is important to note that while the CC-P zone allows building heights to reach 85 feet, the proposed buildings' highest point is 71.5 feet, as measured by the height measurement requirements in Section 1400-27-H of the Cincinnati Zoning Code. The property currently zoned RMX will be devoted to a landscaped parking area. The Urban Design Overlay was intended to ensure that the architecture design of new construction is carefully examined to insure it fits the community. The rezoning to PD and the required approval of the Concept Plan, Development Program Statement, Final Development Plan and the rezoning to PD provide a more than ample replacement for the Overlay as both the Planning Commission and City Council has the opportunity to review the proposed project and its architectural detail. In addition the process provides multiple opportunities for community input. Towne Properties is proud that the project has already received the endorsement of the Pleasant Ridge Community Council, and its partner in the project, The Pleasant Ridge Development Corporation.

In fact, the development standards in the existing UD #13 Overlay district are met by Towne Properties' proposal. No prohibited signage is proposed, and the signage areas on the building conform to the requirements of projecting signs, such as only allowing small identification, not exceeding the square footage requirement, and are simple in nature. All businesses are located on the ground floor, awnings are harmonious, and new service from the existing overhead power lines on Montgomery Road will be underground (see previously referenced elevations in Attachment 12).

Towne Properties has successfully integrated details into their developments that are harmonious with the surrounding neighborhoods, and will continue to do so in this proposed development. The neighborhood is reminiscent of Tudor style architecture; the proposed building relates to the Tudor revival homes by roof style, exterior materials of board-and-batten siding and masonry, and fenestration proportions. The roof is steeply pitched and articulated by several gables with finials and cross-bracing. The facades are accented by repeated projecting bay elements on timber supports, with Tudor-detailed roof gables, and double-hung windows with ornamental mullions on top sashes. Prominent parts of the façade are clad in masonry veneer – either with brick and cast stone detailing (headers, sills and masonry caps), or synthetic stone veneer in ashlar coursing of two different surface textures (smooth and chiseled), and crenellation on top to mark the restaurant entrance on Montgomery and the west-facing masonry bay on Lester. The first and second floor residential terraces along Montgomery are slightly larger than the standard balconies above in order to create porch features with Tudor-like timber details. The top floor of the proposed building has a roof-top amenity facing downtown Pleasant Ridge. The taller storefront space at this end of the building has only 2 residential levels above it, and the rooftop amenity pulled back from the street front, giving the building at this end a 3-story appearance. The storefront windows of the commercial spaces at the ends of the building follow the proportions and scale of the historic storefronts that exist within the Pleasant Ridge business district, and connect the building to the street, adding vibrancy to the neighborhood. The first floor units have some setback from the edge of ROW, allowing space for landscaping and added privacy for the residents.

Towne Properties has carefully considered Plan Cincinnati as well as the Pleasant Ridge Community Council's 2016 Update Market Study and Vision Plan.

Plan Cincinnati, established as a guiding policy and comprehensive plan, seeks to increase the population of the city of Cincinnati. This project contributes to that. Plan Cincinnati also identified the desire to preserve and create a pedestrian scaled city as a policy principle for the plan (page 78). Again, this plan assists in doing that. Specifically, with regard to the Pleasant Ridge neighborhood, Plan Cincinnati explicitly calls out to improve the quality and number of rental and homeowner units, and the development of work force housing with modern amenities

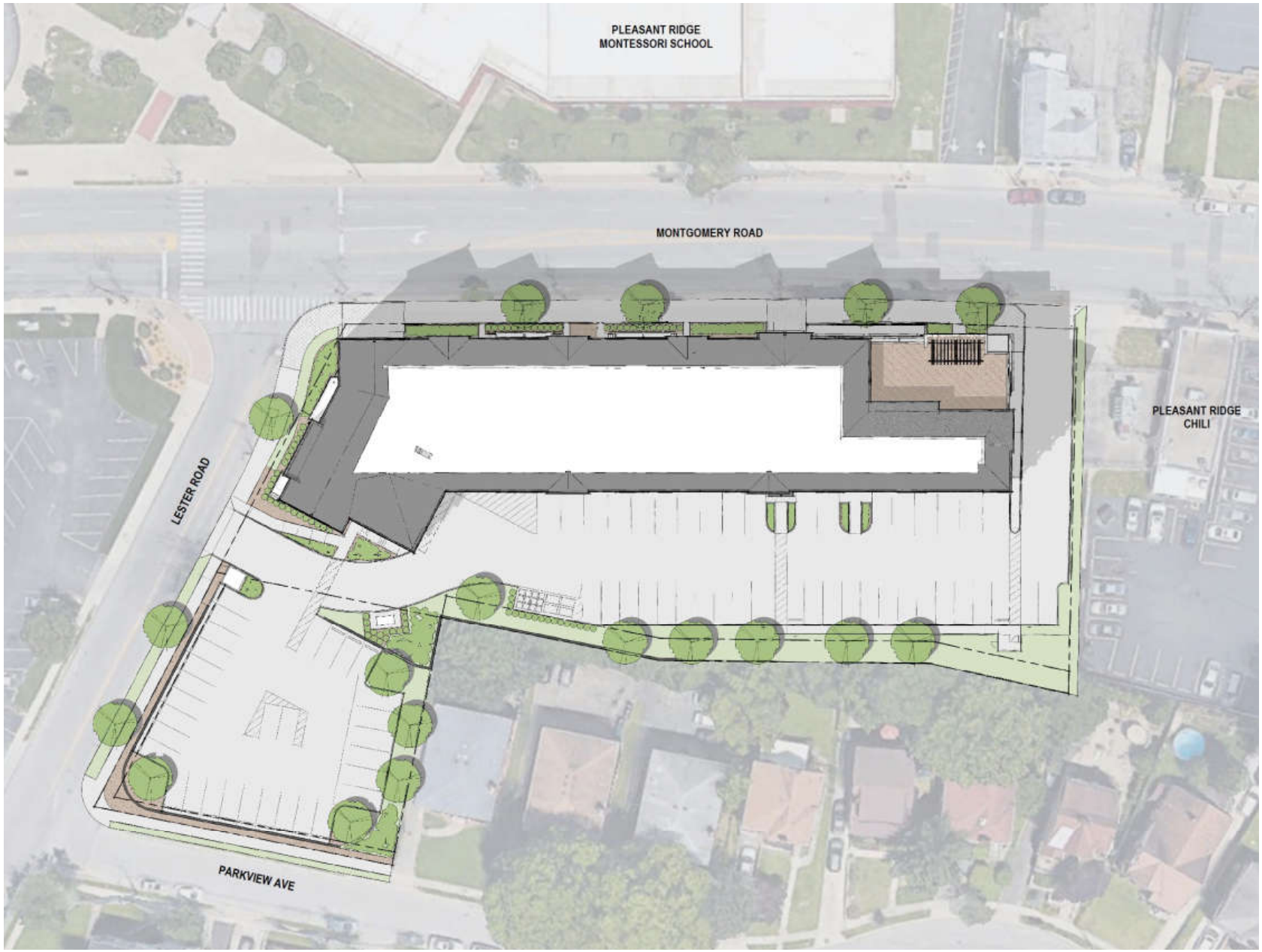
(page 166). Towne Properties' plan for redevelopment will succeed at bringing the sought after growth to Pleasant Ridge.

Towne Properties' plan also specifically addresses the Pleasant Ridge Vision Plan – 2016 Update. Lester Road and Montgomery Road were highlighted in the plan as an opportunity for redevelopment which "should focus on higher density, mixed-use residential versus single-story commercial uses." The plan specifically recommended that the redevelopment of second-tier commercial properties (along Montgomery Road) should be geared toward mixed-use alternatives that increase the local resident population (and pool of potential business patrons) (page 18). Additionally, Pleasant Ridge's Vision Plan depicts 4 and 5-story buildings, and specifically recommends the development of "Mariemont-like" housing along Montgomery road (pages 18, 21).

While the proposed building is taller than most existing buildings in the neighborhood, the building conforms to the existing, underlying CC-P zoning. The maximum building height requirement under CC-P zoning is 85 feet, and the proposed building is nearly 10 feet less than the maximum height allowed. The residential portion of the development has 1 unit per 808 square feet of land area, exceeding the minimum density requirement by providing over 100 square feet of additional area per 1 unit in its existing CC-P district. The proposed project has an open space calculation of over 15%. The 5984 Lester Road parcel, zoned RMX, will be entirely a landscaped parking area for the proposed development, that conforms to the CZC's parking and density requirements. The proposed parking count is 96 spaces within a garage and a parking lot, including designated spots for residents.

A change in zoning for the properties would give the Pleasant Ridge neighborhood an opportunity to develop in accordance with the Pleasant Ridge Vision Plan. Seeking approval for the Final Development Plan will fully replace the review of the Concept Plans, which were originally presented to the Pleasant Ridge Community Council, and posted on the Community Council's website (see Attachment 18 for the presentation). Properties that exist under Planned Development zoning are designated as PD for the purposes of developing sites with special characteristics. Towne Properties' vision for the neighborhood has not wavered in providing

population and economic growth for Pleasant Ridge, while conforming to the Vision Plan of the neighborhood, as well as Plan Cincinnati. Towne Properties and its development partners are prepared to respond to any questions or concerns from the planning staff, the Planning Commission, and ultimately City Council, and will continue to be available as this matter moves forward.


PLEASANT RIDGE
MONTESSORI SCHOOL
MONTGOMERY ROAD
PLEASANT RIDGE
CHILI
LESTER ROAD
PARKVIEW AVE

Honorable City Planning Commission **August 19, 2022**
Cincinnati, Ohio

SUBJECT:
A report and recommendation on a proposed zone change from Commercial Community - Pedestrian (CC-P) and Residential Mixed (RMX) to Planned Development (PD), including a Concept Plan and Development Program Statement, located at 6010-6026 Montgomery Road and 5984-5988 Lester Road in Pleasant Ridge.

GENERAL INFORMATION:

Location: 6010, 6018, 6024, and 6026 Montgomery Road and 5984, 5988 Lester Road, Cincinnati, OH 45212

Agent: Towne Properties – Scott Arentsen
1055 St. Paul Place
Cincinnati, OH 45202

Owners: Hamilton County Land Reutilization Corporation
3 East Fourth Street, Suite 300
Cincinnati, OH 45202

Lester and Montgomery Apartments LLC
1055 St. Paul Place
Cincinnati, OH 45202

Pleasant Ridge Development Corporation
P.O. Box 128705
Cincinnati, OH 45212

Request: To change the zoning of the property from CC-P and RMX to a PD to allow for the coordinated development of a 5-story, market-rate apartment building consisting 82 apartment units (65 one-bedroom units, 17 two-bedroom units) with over 6,000 square feet of commercial space on the ground floor, including a fitness center, co-working spaces, dog run, bike maintenance station, electric vehicle (EV) charging stations, and 96 parking spaces.

ATTACHMENTS:
Provided in addition to this report are the following attachments:

- Exhibit A - Zoning Map
- Exhibit B - Petition for Zone Change
- Exhibit C – Legal Description
- Exhibit D – Consolidation Plat
- Exhibit E – Ownership
- Exhibit F – Development Program Statement
- Exhibit G – Concept Plan
- Exhibit H – Summary of Community Engagement
- Exhibit I – Letters of Support

- Exhibit J – Project Overview Presentation
- Exhibit K – Coordinated Site Review Letter
- Exhibit L – Restrictive Covenant

BACKGROUND:

The subject properties are located at the corner of Lester Road and Montgomery Road in Pleasant Ridge, additionally located within both the Neighborhood Business District and Urban Design Overlay District. The petitioner, Towne Properties, in partner with E. Levental Company and the Pleasant Ridge Development Corporation (PRDC), submitted a proposed zone change to a Planned Development, including a Concept Plan and Development Program Statement, to develop a five-story, 82-unit apartment building, consisting of 96 parking spaces, two retail spaces totaling over 6,000 square feet on the ground floor, and multiple residential amenities. The need for the zone change is mainly due to the portion of the property that is currently zoned RMX not permitting the proposed surface parking for the development. It was also determined that a Use Variance would be difficult to achieve in this instance, so it was ultimately recommended by City staff for the applicant team to proceed with a zone change to a Planned Development to accompany all aspects of the proposed development.

The 1.5224-acre property, currently zoned Residential Mixed (RMX) and Commercial Community – Pedestrian (CC-P), consists of nine (9) parcels, most of which are vacant or have vacant structures located within the properties. Three vacant, commercial buildings exist on the site, facing west along Montgomery Road, and one single-family home exists at the corner of Lester Road and Parkview Avenue. The proposed rezoning also includes portions of the right-of-way along Montgomery Road and Lester Road, with the entire area being rezoned 2.040 acres. The subject property does not fall within a Historic Overlay District or Hillside Overlay District.

ADJACENT LAND USE AND ZONING:

The property requested is currently zoned Residential Mixed (RMX) and Commercial Community - Pedestrian (CC-P). The existing zoning and land use surrounding the subject site is as follows:

North:

Zoning:	Commercial Community (CC-P); Single-family residential (SF-20)
Existing Use:	Pleasant Ridge Montessori School

East:

Zoning:	Commercial Community (CC-P)
Existing Use:	Pleasant Ridge Chili; businesses

South:

Zoning:	Residential Mixed (RMX)
Existing Use:	A mix of single-family residences and multi-family buildings

West:

Zoning:	Single-family residential (SF-6)
Existing Use:	Pleasant Ridge Presbyterian Church and parking lot

PROPOSED DEVELOPMENT:

Towne Properties, with their associated entities, plan to consolidate the existing nine parcels into one property (Exhibit D). A zone change to a Planned Development (PD) is being requested to allow for the coordinated development of the multi-family building including the ground floor retail spaces,

parking, and preservation of open space.

Residential Building and Amenities
The proposed development will be constructed in one phase and one building with a total of 82 units, 65 one-bedroom units, averaging 700 square feet per unit, and 17 two-bedroom units, averaging 1,100 square feet per unit. The total gross square footage (GSF) of the entire development is 103,134 square feet, with 64,127 square feet being residential rentable area (NSF). Residential amenities include a fitness center, community room with co-working spaces, roof-top community deck, dog run, bike maintenance station and electric vehicle (EV) charging stations.

Commercial Space
The proposed development will have two commercial spaces on the ground floor totaling 6,005 square feet. One space will be dedicated to a future fast-casual restaurant with an outdoor dining area and the other is intended to become retail space.

Parking
96 total parking spaces will be provided within garages and a parking lot in the rear of the property with two access points, one off Montgomery Road and the other off Lester Road. There will be 18 garages constructed on the rear, ground floor of the building designated to residents. There are 1.17 spaces per unit.

Traffic Control/Circulation
The petitioner submitted a traffic analysis prepared by Bayer Becker on July 9, 2021. The report was prepared using historical data provided by the Department of Transportation and Engineering (DOTE). The parking for the future development has two access points, one off Montgomery Road and another off of Lester Road, directly across from the Pleasant Ridge Presbyterian Church.

Open Space, Landscaping, and Buffering
The Development Program Statement proposes preserving 15% of the site (0.23 acres) as open space. The landscape will be maintained by Towne Properties.

Geotechnical
The petitioner submitted a geotechnical report from Terracon Consultants, Inc. dated March 26, 2021. A summary of the report is included in the Final Development staff report.

Waste Management
Trash facilities will be screened with a privacy fence and located in the southern portion of the site, near the parking spaces. The interior of the building will additionally have trash chutes.

Schedule
This future development will be constructed in one phase.

BASIC REQUIREMENTS OF A PLANNED DEVELOPMENT DISTRICT:
Per §1429-05 of the Cincinnati Zoning Code, *Basic Requirements*, PD Districts and development within PD Districts must comply with the following:

a. ***Minimum Area*** *– The minimum area of a PD must be two contiguous acres.*

The proposed zone change area is approximately 2.040 contiguous acres. The development site itself is only 1.5224 acres.

b. ***Ownership*** *– Evidence that the applicant has sufficient control over the tract of land to affect the proposed plan, including a list of all ownership and beneficial interests in the tract of land and the proposed development are required.*

The petitioner provided a list of all properties and owners included in the requested zone change area (Exhibit E). The proposed zone change area includes a total of seven (7) parcels, all which will be consolidated into one large parcel. A restrictive covenant may be found in Exhibit L.

c. ***Multiple buildings on a lot*** *– More than one building is permitted on a lot.*

The submitted Concept Plan and Development Program Statement indicate one mixed-use building on the site.

d. ***Historic Landmarks and Districts*** *– Whenever a Planned Development application is filed for a property wholly or partially located within a historic landmark, historic district, or involving a historic structure, the Historic Conversation Board shall advise the City Planning Commission relating to approval of the Final Development Plan*.

No portion of the site is located within a historic district, nor does it contain any historic landmark.

e. ***Hillside Overlay Districts*** *– Whenever a Planned Development application is filed for a property wholly or partially located within a Hillside Overlay District, the City Planning Commission shall approve the Final Development Plan.*

The subject site is not located within a Hillside Overlay District.

f. ***Urban Design Overlay District*** *– Whenever a Planned Development application is filed for a property wholly or partially located within an Urban Design Overlay District, the City Planning Commission shall approve the Final Development Plan.*

The northern portion of the site is located within an Urban Design Overlay District (UD #13). The proposed Planned Development would remove the site from the Urban Design Overlay District, however if the Planned Development expires and the site reverts to prior zoning, the Urban Design Overlay District would also be reapplied.

CONCEPT PLAN AND DEVELOPMENT PROGRAM STATEMENT:

According to §1429-09 of the Cincinnati Zoning Code, *Concept Plan and Development Program Statement*, a petition to rezone a property to PD must include a Concept Plan and Development Program Statement (Exhibit F and Exhibit G). The purpose is to describe the proposed use or uses to be conducted in the PD District. The Concept Plan and Development Program Statement must include text or diagrams that specify:

a. ***Plan Elements*** *– A survey of the tract to be developed, providing a metes and bounds description of the property and the survey of property lines and total acreage. Additionally, the plan should include the location in general terms, of land areas to be developed, including: type and description of proposed land uses, buildings and structures; street rights-of-way and driveways; parcel boundaries and proposed lots, including set back lines; building heights; pedestrian circulation systems and open space or other facilities; and proposed topography, drainage, landscaping and buffer plantings.*

The submitted Development Program Statement (Exhibit F) includes sufficient information regarding proposed uses, building location, site description, street and parking access, pedestrian circulation system, and open space and landscaping. A geotechnical report has additionally been submitted which provides recommendations regarding earthwork, design, and construction of the project.

b. ***Ownership*** *– Evidence that the applicant has sufficient control over the tract of land to affect the proposed plan, including a list of all ownership and beneficial interests in the tract of land and the proposed development.*

The applicant team has provided a list of all properties, parties, and owners that are included in the proposed zone change area (Exhibit E). The proposed zone change includes a total of seven (7) parcels in which all will be consolidated into one large parcel.

c. ***Schedule*** *– Time schedule of projected development if the total site is to be developed in phases or if construction is to extend beyond a two-year time period.*

This proposed development will be constructed in one phase.

d. ***Preliminary Reviews*** *– A preliminary review of geo-technical, sewage, water, drainage and refuse collection.*

The applicant team has been in contact with the City's Department of Transportation and Engineering (DOTE), Metropolitan Sewer District (MSD), Stormwater Management Utility (SMU), and Greater Cincinnati Water Works (GCWW). The project has also gone through the City's Coordinated Site Review Process (Exhibit K).

e. ***Density and Open Space*** *– Calculations of density and open space area.*

The Development Program Statement explains that nearly 15% of the site (0.23 acres) will be utilized as open space. Part of the open space will include landscaping and a dog run. This area will be professionally landscaped and maintained by Towne Properties.

f. ***Other Information*** *- Any other information requested by the Director of City Planning or the City Planning Commission.*

The signage being proposed on the building and site will conform to the requirements of the CC-P zoning district.

FINAL DEVELOPMENT PLAN:

Pursuant to §1429-13 of the Cincinnati Zoning Code, a Final Development Plan shall be submitted to the City Planning Commission after approval of the Concept Plan and Planned Development designation by City Council. A Final Development Plan must be filed for any portion of an approved Concept Plan that the petitioner wishes to develop; this plan must conform substantially to the approved Concept Plan and Development Program Statement. Pursuant to §1429-16, the applicant team submitted for concurrent approval of the Concept Plan, Development Program Statement, and the Final Development Plan.

COORDINATED SITE REVIEW:

The proposed development went through the Development Design Review of the Coordinated Site Review process on June 8, 2021. The Department of City Planning and Engagement indicated the

need for a zone change which was necessary for the project to move forward due to the fact that the RMX portion of the site does not permit surface parking, which is where the parking is proposed to be located. No immediate objections were voiced regarding the zone change or Concept Plan, however, additional requirements need to be met before permits are obtained. The full report is attached as Exhibit K.

Highlights of additional requirements needed, or comments/concerns include:

- The Department of City Planning and Engagement (DCPE) – Zoning Division identified concerns with the scale, massing, and height of the proposed development. The Zoning Division identified multiple other requirements, all which will be alleviated due to the request for a zone change into a Planned Development (PD).

- The Cincinnati Fire Department identified the immediate requirement for flow requirements, hydrants, sprinklers, and additionally recommended to install a bi-directional antenna device within the proposed development.

- The Office of Environmental and Sustainability (OES) identified the need to utilize a City-franchised commercial waste collection service per the Cincinnati Municipal Code Chapter 730 during construction among other recommendations.

- The Cincinnati Health Department identified that the food facility plan will need to be reviewed for the future fast-casual restaurant space on the ground floor of the development.

The applicant team received a copy of the comments from each of the appropriate Departments and is aware of the additional requirements needed before obtaining permits. Project partners, including then developer, engineers, and architects, have been working with departments to resolve these requirements.

PUBLIC COMMENT:

Towne Properties has been engaging with the Pleasant Ridge neighborhood throughout the past few years regarding the subject site and proposed development. Towne Properties has been working together with the Pleasant Ridge Development Corporation and has held multiple meetings with the Pleasant Ridge Community Council and the President of the Pleasant Ridge Neighborhood Business Group. A summary of the community engagement efforts may be found in Exhibit H.

The Department of City Planning and Engagement held a Public Staff Conference on the proposed zone change on July 18, 2022 via Zoom. Notices were sent to property owners within a 400-foot radius of the subject property, the Pleasant Ridge Community Council, and the Pleasant Ridge Development Corporation (PRDC). A total of 12 community members were present in addition to City staff and the applicant team.

Most community members were curious about the timeline, construction, and had questions regarding fencing and the retaining wall, the traffic study, and traffic congestion. Two residents expressed concerns with traffic impact analysis being conducted not during school hours or while school was in session. Lastly, there was a concern brought up by a resident with privacy concerns from the south facing balconies on the back of the future building.

CONSISTENCY WITH PLANS:

Plan Cincinnati (2012)

The zone change request is consistent with the Goal in the Live Initiative Area of *Plan Cincinnati* to "Provide a full spectrum of housing options, and improve housing quality and affordability" (p. 164) and the strategy to "Provide quality healthy housing for all income levels" (p. 165) which aims to "Improve the quality and number of moderate to high-income rental and homeowner units" (p. 165). The proposed project will develop vacant and underutilized properties into a residential community, providing new housing opportunities for the community and employees of nearby businesses and institutions.

This request is additionally consistent with the Compete Initiative Area Goals to "Foster a climate conducive to growth, investment, stability, and opportunity" (p. 103) and to "Cultivate our position as the most vibrant and healthiest part of our region" (p. 114). This subject property is located in the Pleasant Ridge Neighborhood Business District and is adjacent to multiple neighborhood businesses and organizations including Pleasant Ridge Chili, Pleasant Ridge Montessori, Pleasant Ridge Presbyterian Church, and is walking distance from multiple bars, breweries, restaurants, library, and gas stations.

Pleasant Ridge Community Council Market Study & Vision Plan (2016 Update)

The zone change request is consistent with the recommendation of "The redevelopment of second tier commercial properties (along Montgomery Road) should be geared toward mixed-use alternatives that increase the local resident population (and the pool of potential business patrons)" (p. 18). The plan additional states that the Pleasant Ridge Business District, currently (as of 2016) has more retail/commercial space than the market demands. This new proposal will bring 82 units of housing to the business district and neighborhood in general, along with only two, new commercial spaces.

In the original 1998 version of the Plan, it states the following goal to "Make the Pleasant Ridge Business District a Dynamic Attraction for Customers and Businesses" (p. 24), through the objectives to "Improve appearance of the Neighborhood Business District (NBD)" (p. 24), "Create new retail, office and other commercial space, as well as new residential space" (p. 26), and to "Improve pedestrian "feel" in business district" (p. 38).

Pleasant Ridge Urban Design Plan (2000)

The zone change request is consistent with the goal to "Maintain an aesthetically attractive, pedestrian oriented, community business district with a desirable mix of uses and businesses" (p. 28) through the objective to "Increase the visual attractiveness of existing and new buildings through improvements to facades, signage, and building appurtenances" (p. 28).

CITY PLANNING COMMISSION ACTION:

According to §1429-11(a) of the Cincinnati Zoning Code, the City Planning Commission may recommend approval or conditional approval, with restrictions on the establishment of a PD District on finding that all of the following circumstances apply:

1. *The PD Concept Plan and Development Program Statement are consistent with applicable plans and policies and is compatible with surrounding development;*

   The proposed residential use is compatible with the surrounding land use patterns. Adjacent land uses include institutional, multi- and single-family residential, and commercial.

2. *The PD Concept Plan and Development Program Statement enhance the potential for superior urban design in comparison with the development under the base district regulations that would apply if the plan were not approved;*

   The proposed Planned Development would permit a coordinated residential mixed-use development effort which would demolish vacant, non-contributing buildings that have sat vacant for years. Additionally, the Concept Plan and Development Program Statement illustrate how the proposed project will accommodate residential and parking needs through garages and a parking lot that is integrated into the overall design of the multi-family building. Finally, the consolidation of seven (7) parcels for the site ensures that an adequate open space (including the dog run) is preserved alongside the development. The superior urban design of the proposed development fits in appropriately with the Neighborhood Business District.

3. *Deviations from the base district regulations applicable to the property at the time of the PD application are justified by compensating benefits of the PD Concept Plan and Development Program Statement;*

   The proposed land use for this property provides a productive use on what is currently a vacant and underutilized site which has been vacant for years. The proposed development is currently located in two zoning districts, RMX and CC-P, in which the RMX district would not permit surface parking as a permitted use. If the applicant did not pursue a PD, the applicant would need zoning relief for 16 parking spaces, a Special Exception for the location of parking, variances for the building setbacks from Montgomery and Lester Roads, and a Conditional Use approval for the proposed Outdoor Area related to the restaurant space on the ground floor. Lastly, with the creation of a PD, the newly created PD will take precedence over the Urban Design Overlay District (UD #13). More specifics may be found in Exhibit K.

   The PD zoning district allows the developer to be innovative in site development combining quality site and building design, open space preservation, and increased community involvement through the Planned Development process.

4. *The PD Concept Plan and Development Program Statement includes adequate provisions for utility services, refuse collection, open space, landscaping, pedestrian circulation and traffic circulation, building design and building location.*

   All aspects are outlined in the Concept Plan and Development Program Statement as submitted and is detailed in the Final Development Plan.

ANALYSIS:

The proposed development will reactivate currently vacant or underutilized properties into a community with a mix of residential units, commercial/retail space, parking, and open space. A Planned Development allows for the coordinated development of seven (7) existing parcels which will be consolidated into one large parcel. The proposed development will provide one- and two-bedroom units for rent andwill be available for existing residents and employees in the neighborhood, as well as those wishing to move to Pleasant Ridge, increasing the neighborhood's population. It also is proposing two new commercial spaces on the ground floor which only adds to the existing vibrancy of the Pleasant Ridge Neighborhood Business District.

The design is considerate of the surrounding neighborhood character, as the applicant is proposing to

incorporate Tudor-style architecture reminiscent to Tudor revival homes by the roof style into the structure. The building will be five stories, with ground floor commercial spaces and a rooftop amenity terrace which will face downtown Pleasant Ridge. The exterior building materials consist of board-and-batten siding and masonry, with either brick and cast stone detailing or synthetic stone veneer in ashlar coursing of two different surface textures. The first and second floor residential terraces along Montgomery Road will be slightly larger than all the other balconies to create porch features with Tudor-like timber details. The first-floor units of the building have some setback from the street, allowing small spaces for landscaping and added privacy for future residents. The ground floor restaurant space only has two residential floors above it, giving the building a 3-story appearance along the northern portion of Montgomery Road. In addition to providing new housing opportunities, this development will preserve 15% open space, provide landscaping and buffering, and a dog run. The design of the proposed development is mostly consistent with the ideas of the Urban Design Overlay District and has been carefully examined by the applicant team to ensure it appropriately fits into the Pleasant Ridge community.

The impact on traffic and parking has also been considered by the developer as they have been in coordination with the Department of Transportation and Engineering (DOTE). The intersection of Lester and Montgomery roads is a very busy intersection, especially with the proximity of the Pleasant Ridge Montessori School and Pleasant Ridge Presbyterian Church. Staff from the Department of City Planning and Engagement understands and acknowledges the concerns over the traffic congestion and safety, however the proposed development is adding much needed and desired residential units and amenities to the vibrant neighborhood. This proposed development would have 1 unit per 808 square feet, which exceeds the minimum of 700 square feet per unit of the density requirement for the CC-P zoning district. Lastly, the development will enhance the overall pedestrian experience along Montgomery Road.

The applicant team has made multiple successful attempts to engage with the community and various City Departments to make them aware of the future development and to address concerns or comments. The petitioner remains committed to working with the appropriate City Departments on their plans. Most of the subject property is situated within a CC-P zoning district which allows buildings to extend up to 85-feet tall. This proposed structure is five floors and will be approximately 71.5-feet tall.

The Department of City Planning and Engagement believes that a Planned Development is an appropriate zoning designation for this site as it allows for continued public engagement through all phases of the development and eliminates further need for any zoning relief. A Planned Development also provides assurance to the City and the community of the intended uses and scale for the site, and any significant modification to this would constitute as a Major Amendment to the Concept Plan and require public engagement and a public hearing process.

FINDINGS:

It is the opinion of staff of the Department of City Planning and Engagement that the Concept Plan and Development Program Statement are in compliance with §1429-05 and §1429-11 (a) *City Planning Commission Action*. The proposal is consistent with the purpose of the Planned Development District Regulations.

CONCLUSIONS:

The staff of the Department of City Planning and Engagement supports the proposed zone change

from Commercial Community - Pedestrian (CC-P) and Residential Mixed (RMX) to Planned Development (PD) including the Concept Plan and Development Program Statement to allow for a multi-family development for the following reasons:

1. It is consistent with the goal in the Live Initiative Area of *Plan Cincinnati* to "Provide a full spectrum of housing options, and improve housing quality and affordability" (p. 164) and the strategy to "Provide quality healthy housing for all income levels" (p. 165) which aims to "Improve the quality and number of moderate to high-income rental and homeowner units" (p. 165). It is additionally consistent with the Compete Initiative Area to "Foster a climate conducive to growth, investment, stability, and opportunity" (p. 103).

2. It is consistent with the *Pleasant Ridge Community Council Market Study & Vision Plan* (2016) and the *Pleasant Ridge Urban Design Plan* (2000).

3. The PD zoning is appropriate in the Pleasant Ridge Business District and neighborhood. The zone change and Concept Plan are necessary to establish a well-thought out PD that allows for the construction of the development for 82 residential units, two commercial spaces on the ground floor, parking, landscaping and buffering, dog run, and residential amenities.

4. The PD zoning district requires a more extensive public process than a regular zone change.

RECOMMENDATION:
The staff of the Department of City Planning and Engagement recommends the City Planning Commission take the following actions:

1) **ACCEPT** the Concept Plan and Development Program Statement as submitted;

2) **ADOPT** the Department of City Planning and Engagement Findings as detailed on page 3-10 of this report; and

3) **APPROVE** the proposed zone change from Commercial Community - Pedestrian (CC-P) and Residential Mixed (RMX) to Planned Development (PD) for 6010-6026 Montgomery Road and 5984-5988 Lester Road in Pleasant Ridge.

Respectfully submitted:

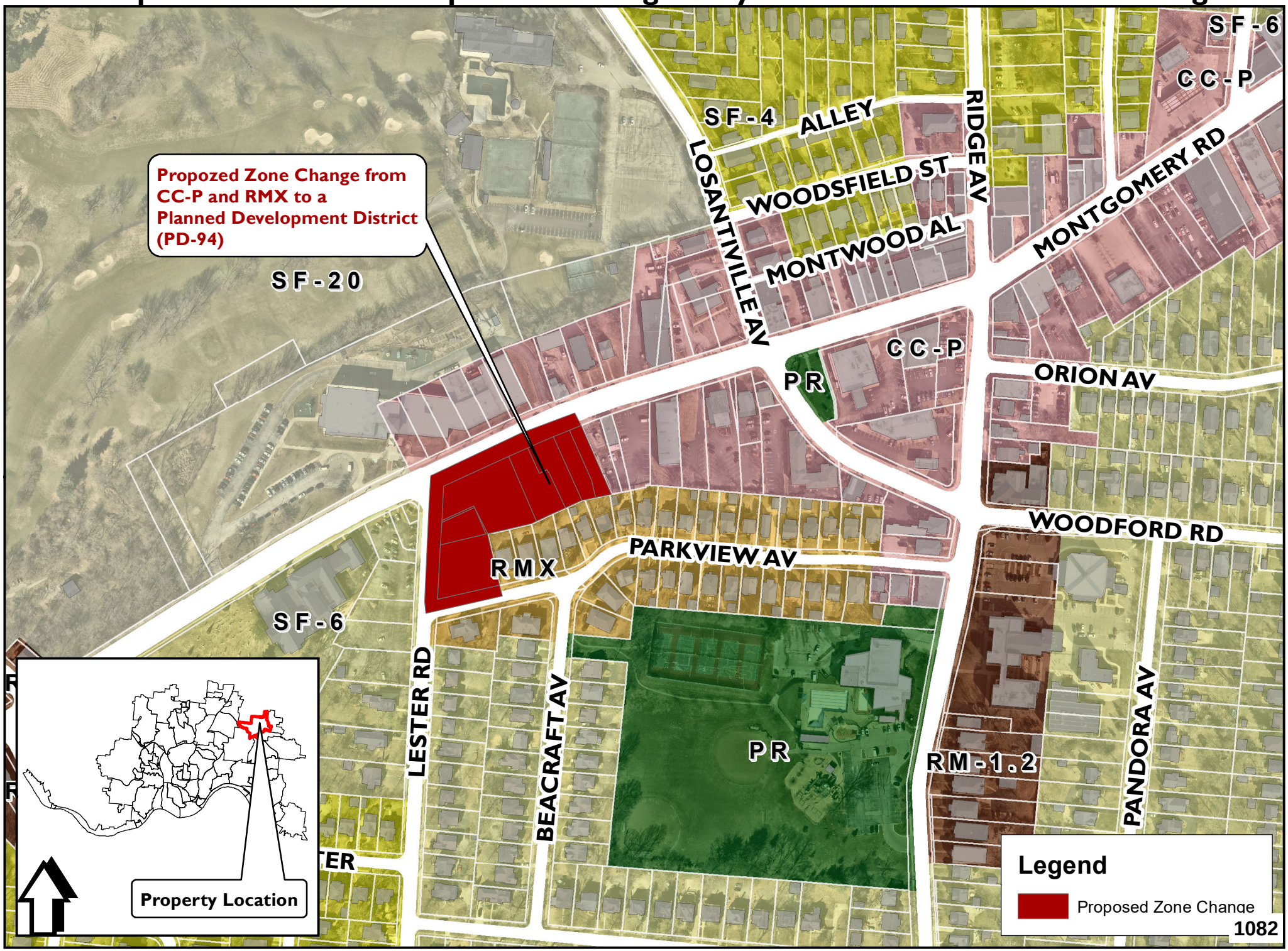
Jesse Urbancsik, Senior City Planner
Department of City Planning and Engagement

Approved:

Katherine Keough-Jurs, FAICP, Director
Department of City Planning and Engagement

Exhibit A

Proposed Planned Development - Montgomery Rd & Lester Rd in Pleasant Ridge



PETITION FOR CHANGE OF ZONING OF PROPERTY
LOCATED IN THE CITY OF CINCINNATI, OHIO

To: The Honorable Council of the City of Cincinnati Date: June 15, 2022

I hereby request your Honorable Body to amend the Zoning Map of the City of Cincinnati bychanging the area described in the attached legal documentation and depicted on the attached plat from the CC-P Urban Design District & RMX Zone District to the PD Zone District & approval of Concept Plan, Development Program Statement, and Final Development Plan.

Location of Property (Street Address): 6010 – 6026 Montgomery Rd & 5984 – 5988 Lester Rd (EVEN ADDRESSES ONLY)

Area Contained in Property (Excluding Streets): 1.5224 acres

Present Use of Property: 6010 – 6026 Montgomery Rd, 5984 Lester Rd – Vacant & 5988 Lester – Single Family

Proposed Use of Property & Reason for Change: Detailed in attached Development Program Statement

Property Owner's Signature:

Name Typed: Adam Bortz – Towne Properties

Address: 1055 St. Paul Place, Cincinnati OH 45202 Phone: 513-218-1633

Agent Signature: TIMOTHY M BURKE

Name Typed: Timothy M. Burke, Manley Burke LPA

Address: 225 West Court Street, Cincinnati OH 45202 Phone: 513-608-6227

Architect: Peter Hilligoss, M&A Architects

Address: 1404 Race Street / Suite 202 Cincinnati OH 45202 Phone: 513-407-8260

Please Check if the Following Items are Attached

Application Fee X Copies of Plat X Copies of Metes and Bounds X

Date: June 13, 2022

Description: Hamilton County Reutilization Corporation and Lester and Montgomery Apartments, LLC Re-Zoning

Location: City of Cincinnati ~ Hamilton County, Ohio

Situated in Sections 29 & 30, Town 4, Fractional Range 2 Between the Miamis, Columbia Township, The City of Cincinnati, Hamilton County, Ohio and being 2.040 acres to be re-zoned to Planned Development (PD) and being further described as follows:

Begin at the intersection of the centerline of Montgomery Road (70') and the centerline of Lester Road (50') said intersection being **True Point of Beginning**:

thence, from the True Point of Beginning, departing the centerline of said Lester Road and with centerline of said Montgomery Road the following four courses:

1) North 65° 02' 39" East, 221.61 feet;
2) with a curve to the right, having a central angle of 02° 38' 00", a radius of 1025.00 feet, an arc length of 47.11 feet, and a chord bearing North 66° 21' 39" East, 47.11 feet;
3) North 67° 40' 39" East, 71.80 feet;
4) with a curve to the right, having a central angle of 00° 03' 55", a radius of 1225.00 feet, an arc length of 1.40 feet, and a chord bearing North 67° 42' 36" East, 1.40 feet;

thence, leaving said centerline of Montgomery Road and with the westerly boundary extended of Duke Energy Ohio, Inc. as recorded in Deed Book 3006, Page 688, South 23° 13' 08" East, 200.04 feet to the northerly boundary of Parkview Subdivision as recorded in Plat Book 29, Page 76;

thence, leaving the westerly boundary of said Duke Energy Ohio, Inc. and with the northerly boundary extended of said Parkview Subdivision and the northerly boundary of 3020 Parkview, LLC as recorded in Official Record 13501, Page 1914 for the following two courses:

1) South 77° 43' 52" West, 63.79 feet ;
2) South 66° 10' 08" West, 123.43 feet to the northeast corner of Robert E. and Pamela J. Clark as recorded in Official Record 13303, Page 1725;

thence, with the northerly boundary of Robert E. and Pamela J. Clark, South 76° 45' 44" West, 100.00 feet to the northwest corner of Justin A. Wilkey as recorded in Official Record 13578, Page 1223;

thence, with the westerly boundary extended of said Justin A. Wilkey, South 13° 14' 16" East, 139.72 feet to the centerline of Parkview Avenue;

thence, leaving the westerly boundary extended of said Justin A. Wilkey and with the centerline of said Parkview Avenue, South 76° 41' 46" West, 170.89 feet to the centerline of said Lester Road;

thence, leaving the centerline of said Parkview Avenue and with the centerline of said Lester Road, North 03° 02' 39" East, 305.73 feet to the **True Point of Beginning** containing 2.040 acres of which 0.517 acres is right of way.

The above description is a complete, proper, and legal description of the property by deeds and plats of record.

_____

Jeffrey O. Lambert Registered Surveyor #7568 in the State of Ohio

CONSOLIDATION OF PARCELS

Lester and Montgomery Apartments, LLC, the owner of the tracts of land shown on this plat of survey, depose that these tracts are each entered as two or more items or parcels on the Hamilton County Auditor's Tax List and the Hamilton County Auditor's Tax Maps. We hereby request the Hamilton County Auditor to combine said items or parcels into one entry for each tract on the Hamilton County Auditor's Tax List and remove from the Tax Maps the lines which divide said parcels on said Tax Maps and show the courses and distances of this survey as the boundary of the combined tracts of land. If this request is granted we agree to describe any part or all of the tracts of land shown hereon for future conveyancing purposes by metes and bounds so that such description shall be agreeable with the survey shown herein. We also agree to record this survey in the Hamilton County Recorder's Office.

We also certify that there are no delinquent taxes against the above described properties and they are all in one taxing district."

Lester and Montgomery Apartments, LLC, an Ohio Limited Liability company

By: _____

Printed Name: _____

This is an acknowledgement certificate; no oath or affirmation was administered to the signer with regard to this notarial act.

State of Ohio)
) ss:
County of Hamilton)

Be it remembered that on this ____ day of _____, 2021, before me the undersigned, a Notary Public in and for the said County and State, personally came _____, known to me to be the _____ of Lester and Montgomery Apartments, LLC, an Ohio Limited Liability company, who acknowledged the signing and execution of the foregoing to be its act and deed.

In testimony thereof, I have set my hand and Notary Seal on the day and date above written.

_____
Signature

_____
Print Name Here
NOTARY PUBLIC
State of Ohio

My Commission expires _____

LEGAL DESCRIPTION

Situated in Sections 29 & 30, Town 4, Fractional Range 2 Between the Miamis, Columbia Township, The City of Cincinnati, Hamilton County, Ohio and being all of Lester and Montgomery Apartments, LLC as recorded in Official Record 14345, Page 2511 and Official Record _____, Page ____ of the Hamilton County, Ohio Recorder's Office, containing 1.5224 acres being further described as follows:

Begin at a set cross notch at the southeast intersection of the south right of way of Montgomery Road (70') and the east right of way of Lester Road (50') said cross notch being the True Point of Beginning;

thence, from the True Point of Beginning, departing the east right of way of said Lester Road and with south right of way of said Montgomery Road the following four courses:

thence, North 65° 02' 39" East, 211.91 feet to a set cross notch;

thence, with a curve to the right, having a central angle of 02° 38' 00", a radius of 990.00 feet, an arc length of 45.50 feet, and a chord bearing North 66° 21' 39" East, 45.50 feet to a set cross notch;

thence, North 67° 40' 39" East, 71.80 feet to a set cross notch;

thence, with a curve to the right, having a central angle of 00° 05' 37", a radius of 1190.00 feet, an arc length of 1.94 feet, and a chord bearing North 67° 43' 27" East, 1.94 feet to a set cross notch at the northwest corner of Duke Energy Ohio, Inc as recorded in Deed Book 3006, Page 688;

thence, departing the south right of way of said Montgomery Road and with said Duke Energy Ohio, Inc, South 23° 13' 08" East, passing a found 1/2" iron pipe at 0.62 feet, a total distance of 165.03 feet to a set 5/8" iron pin on the north line of Parkview Subdivision as recorded in Plat Book 29, Page 76;

thence, departing said Duke Energy Ohio, Inc and with the north line of said Parkview Subdivision, South 77° 43' 52" West, 63.79 feet to a found 1-1/4" iron pipe;

thence, continuing with and departing said Parkview Subdivision, South 66° 10' 08" West, 123.43 feet to a found 1/2" iron pin with no cap at the northeast corner of Robert E. Clark & Pamela J. Clark as recorded in Official Record 13303, Page 1725;

thence, South 76° 45' 44" West, 100.00 feet to the northwest corner of Justin A. Wilkey as recorded in Official Record 13578, Page 1223, said corner being referenced by a found 5/8" iron pin with no cap leaning South 27° 45' 52" West, 0.27 feet;

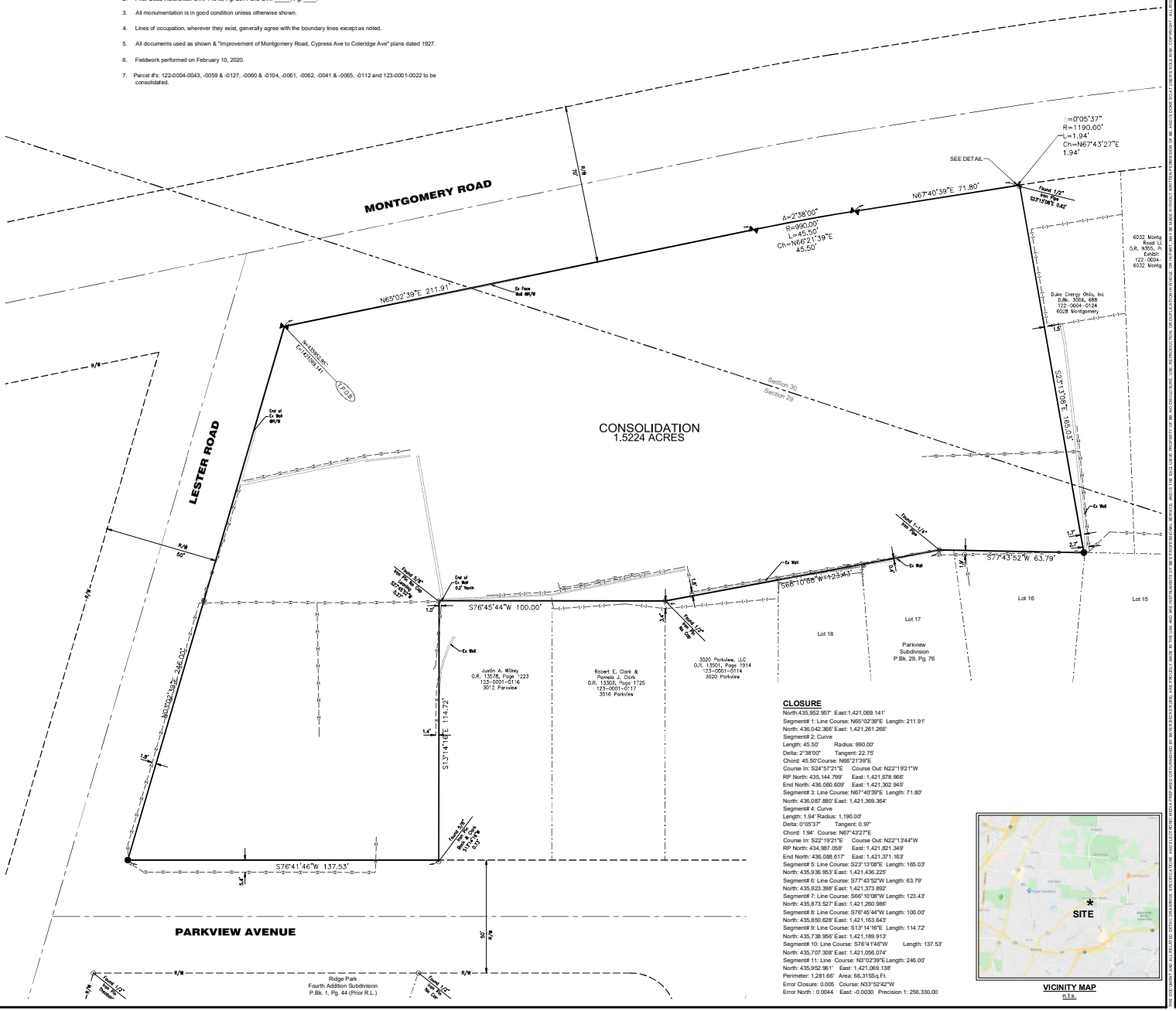
thence, with said Justin A. Wilkey, South 13° 14' 16" East, 114.72 feet to the southwest corner of said Justin A. Wilkey, said corner being on the north right of way of Parkview Avenue and being referenced by a found 5/8" iron pin capped Bock & Clark being South 13° 14' 16" East, 0.73 feet;

thence, departing said Justin A. Wilkey and with the north right of way of said Parkview Avenue, South 76° 41' 46" West, 137.53 feet to a set 5/8" iron pin, said pin being the northeast intersection of the north right of way of said Parkview Avenue and the east right of way of said Lester Road;

thence, departing the north right of way of said Parkview Avenue and with the east right of way of said Lester Road, North 03° 02' 39" East, 246.00 feet to the True Point of Beginning containing 1.5224 acres of land more or less subject to all legal highways, easements, restrictions and agreements of record.

NOTES

1. Basis of Bearing: State Plane Coordinates (3402) Ohio South Zone, NAD83(2011).
2. Prior Deed Reference: O.R. 14345, Pg. 2511 and O.R. _____, Pg. ____.
3. All monumentation is in good condition unless otherwise shown.
4. Lines of occupation, wherever they exist, generally agree with the boundary lines except as noted.
5. All documents used as shown & "Improvement of Montgomery Road, Cypress Ave to Coleridge Ave" plans dated 1927.
6. Fieldwork performed on February 10, 2020.
7. Parcel #'s: 122-0004-0043, -0059 & -0127, -0060 & -0104, -0061, -0062, -0041 & -0065, -0112 and 123-0001-0022 to be consolidated.



DETAIL

1" = 5'

LEGEND

- Found 5/8" Iron Pin (cap as noted)
- Found Iron Pipe
- Set 5/8" Iron Pin (5/8"x30"w/Cap "Bayerlbecker")
- Set Cross Notch

CERTIFICATION

I hereby state to the best of my knowledge, information and belief that the accompanying plat is the return of a survey made under my direction.

_____
Jeffrey O. Lambert, P.S.
Registered Surveyor #7568 State of Ohio

CLOSURE

North:435,952.957' East:1,421,069.141'
Segment#1: Line Course: N65°02'39"E Length: 211.91'
North: 436,042.366' East: 1,421,261.266'
Segment#2: Curve
Length: 45.50' Radius: 990.00'
Delta: 2°38'00" Tangent: 22.75'
Chord: 45.50'Course: N66°21'39"E
Course In: S24°57'21"E Course Out: N22°19'21"W
RP North: 435,144.799' East: 1,421,678.966'
End North: 436,080.609' East: 1,421,302.945'
Segment#3: Line Course: N67°40'39"E Length: 71.80'
North: 436,087.880' East: 1,421,369.364'
Segment#4: Curve
Length: 1.94' Radius: 1,190.00'
Delta: 0°05'37" Tangent: 0.97'
Chord: 1.94' Course: N67°43'27"E
Course In: S22°19'21"E Course Out: N22°13'44"W
RP North: 434,987.058' East: 1,421,821.349'
End North: 436,088.617' East: 1,421,371.163'
Segment#5: Line Course: S23°13'08"E Length: 165.03'
North: 435,936.953' East: 1,421,436.225'
Segment#6: Line Course: S77°43'52"W Length: 63.79'
North: 435,923.398' East: 1,421,373.892'
Segment#7: Line Course: S66°10'08"W Length: 123.43'
North: 435,873.527' East: 1,421,260.986'
Segment#8: Line Course: S76°45'44"W Length: 100.00'
North: 435,850.628' East: 1,421,163.643'
Segment#9: Line Course: S13°14'16"E Length: 114.72'
North: 435,738.956' East: 1,421,189.913'
Segment#10: Line Course: S76°41'46"W Length: 137.53'
North: 435,707.308' East: 1,421,056.074'
Segment#11: Line Course: N3°02'39"E Length: 246.00'
North: 435,952.961' East: 1,421,069.138'
Perimeter: 1,281.66' Area: 66,315Sq.Ft.
Error Closure: 0.005 Course: N33°52'42"W
Error North : 0.0044 East: -0.0030 Precision 1: 256,330.00

VICINITY MAP
n.t.s.

Basis of Bearing:
State Plane NAD83 (2011)
0 10 20 30
SCALE: 1" = 20'

Item	Revision Description	Date	Drawn	Chk

THE DRAWINGS AND ALL RELATED DIGITAL DRAWINGS, INFORMATION, AND ELECTRONIC MEDIA PREPARED OR FURNISHED BY BAYER BECKER ARE INSTRUMENTS OF BB'S PROFESSIONAL SERVICE, AND IS THE EXCLUSIVE PROPERTY OF BB. NO DISCLOSURE, USE, REPRODUCTION, MODIFICATION, PUBLICATION IN ANY FORM, BY ANY METHOD, FOR ANY PURPOSE, OR IN ANY PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED BY BB, AND IS DONE SO BY ANY PERSON OR ENTITY WITHOUT THE PRIOR WRITTEN PERMISSION OF BB, AND IS DONE SO AT SUCH PERSON'S OR ENTITY'S SOLE AND EXCLUSIVE RISK. COPYRIGHT - ALL RIGHTS RESERVED

LESTER AND MONTGOMERY APARTMENTS, LLC
SECTIONS 29 & 30, TOWN 4, FRACTIONAL RANGE 2 BTM
COLUMBIA TOWNSHIP
CITY OF CINCINNATI
HAMILTON COUNTY, OHIO

CONSOLIDATION PLAT

bayer becker
www.bayerbecker.com
1404 Race Street, Suite 204
Cincinnati, OH 45202 - 513.834.6151

Drawing: 19-0263 SP CONS
Drawn by: j o l
Checked By:
Issue Date: 6-2-21
Sheet: 1 of 1

Plot time: May 02, 2022 - 4:17pm
Drawing name: J:\2019\19-0263\SIS\VDWG\19-0263 SP Cons.dwg - Layout Tab: Cons

June 6, 2022

Cincinnati City Council
801 Plum Street
Cincinnati, Ohio 45202

Re: Petition for Zone Change (6010-6026 Montgomery Road & 5984-5988 Lester)

Honorable City Council of the City of Cincinnati:

The Hamilton County Land Reutilization Corporation (the Landbank) is currently the owner of the properties listed below. We are working in partnership with the Pleasant Ridge Development Corporation (PRDC). To facilitate PRDC's vision for the site, we are writing to you to authorize and support Towne Properties' pursuit of rezoning from CC-P and RMX, to PD – Planned Development. We believe the proposed zone change will give the Pleasant Ridge community an excellent opportunity for development.

- 6010 Montgomery Road (122-0004-0059-00)
- 6018 Montgomery Road (122-0004-0061-00)
- 6024 Montgomery Road (122-0004-0112-00)
- 6026 Montgomery Road (122-0004-0043-00)
- 5988 Lester Road (122-0004-0062-00)

We will continue to be available for any interactions and engagement, as well as any continued support required or requested by the City.

Thank you,



Laura Brunner, President/CEO

Hamilton County Land Reutilization Corporation
The Port
3 East Fourth Street Suite 300
Cincinnati, Ohio 45202

Pleasant Ridge Development Corporation
PO Box 128705
Cincinnati, OH 45212
513-379-8301

6 June 2022

Cincinnati City Council
801 Plum Street
Cincinnati, Ohio 45202

Re: Petition for Zone Change (6010-6026 Montgomery Road & 5984-5988 Lester)

Honorable City Council of the City of Cincinnati:

The Pleasant Ridge Development Corporation (PRDC) has a holding agreement of the properties listed below with the Hamilton County Land Reutilization Corporation (the Landbank). The Landbank is helping PRDC to facilitate the community's vision for redevelopment of the site, and I am writing to you to authorize and support Towne Properties' pursuit of rezoning from CC-P and RMX with an Urban Design District Overlay, to PD – Planned Development. We believe the proposed zone change will give the Pleasant Ridge community an excellent opportunity for development.

- 6010 Montgomery Road (122-0004-0059-00)
- 6018 Montgomery Road (122-0004-0061-00)
- 6024 Montgomery Road (122-0004-0112-00)
- 6026 Montgomery Road (122-0004-0043-00)
- 5988 Lester Road (122-0004-0062-00)

We will continue to be available for any interactions and engagement, as well as any continued support required or requested by the City.

Thank you,

Jason Chamlee
President
Pleasant Ridge Development Corporation

"

"PRDC is a non-profit group that is to serve as a catalyst for economic and business growth through fostering and assisting in locating and expanding businesses in Pleasant Ridge."

June 15, 2022

Cincinnati City Council
801 Plum Street
Cincinnati, Ohio 45202

Re: Petition for Zone Change (6010-6026 Montgomery Road & 5984-5988 Lester)

Honorable City Council of the City of Cincinnati:

As owners of the property listed below, we are writing to you to authorize and support Towne Properties' pursuit of rezoning from CC-P and RMX, to PD – Planned Development. We believe the proposed zone change will give the Pleasant Ridge community an excellent opportunity for development.

- 5984 Lester Road (123-0001-0022-00)

We will continue to be available for any interactions and engagement, as well as any continued support required or requested by the City.

Thank you,

Adam Bortz
Manager

Lester and Montgomery Apartments LLC
1055 St. Paul Place
Cincinnati, Ohio 45202

DEVELOPMENT PROGRAM STATEMENT (WITH CONCEPT PLAN INCORPORATED IN THE ATTACHED FINAL DEVELOPMENT PLAN)

This Development Program Statement and the attached Final Development Plan is provided in support of the application for the rezoning of 6010, 6018, 6024, and 6026 Montgomery Road, and 5984, 5988 Lester Road, from a combination of CC-P and RMX with an Urban Design Overlay, to PD without the overlay. Approval of the zone change and PD requirements will allow for an improvement of the Pleasant Ridge Montgomery Road business district. The development, in a single phase, will provide a vibrant mixed use residential and commercial development. (See Attachment 1 for the survey of the property, Attachment 2 for the legal description, and Attachment 3 for the consolidation plat).

The applicant, Towne Properties, and its partners in this effort, E. Levental Company and the Pleasant Ridge Development Corporation ("PRDC"), intend to dramatically redevelop a significant portion of the Pleasant Ridge business district located at the southeast corner of Montgomery and Lester Roads. The project will remove blighted and long vacant properties, adding 82 apartment units, and 6,005 square feet of commercial space. The applicant and its partners are requesting a change in zoning to PD, as well as concurrent approval of this Development Program Statement and Final Development Plan.

Towne Properties began transforming neighborhoods nearly 60 years ago, when Neil Bortz first began developing new living spaces in Mt. Adams. Today, their experience extends to nearly 160 developments; managing 12,000 apartments and 130,000 HOA/COA units in 4 states, as well as developing more than 2,000,000 square feet of commercial property. Towne Properties has the experience and success "to contribute to a better community by profitably creating marketing and managing great places to live, work, shop, and play," as stated by their mission.

Towne Properties has worked extensively with representatives of the Pleasant Ridge community in planning and designing a project that will fit well into the neighborhood, bring new residents to the community, and enhance the economic stability of the Pleasant Ridge business district.

In developing plans for the transformation of this portion of Montgomery and Lester Roads, Towne Properties has closely and consistently worked with the Pleasant Ridge Community Council. Towne Properties has made multiple presentations at the Pleasant Ridge Community Council meetings (see Attachment 4 for a summary of the community meetings documenting support). The Community Council has posted a banner link to all project information on its website for the better part of a year, which includes questions from the community and detailed answers by Towne Properties regarding the project. In addition to the PRDC, the project has the support of the Pleasant Ridge Community Council (Attachment 5).

Towne Properties has "sufficient control over the track of land to effect the proposed plan" per Cincinnati Zoning Code Section 1429-05(b). The consolidation plat shows each parcel that will be included in the project (Attachment 3). Attached are letters of authorization to pursue and support for the zone change and development approvals from the three entities with current ownership interests in portions of the property, The Pleasant Ridge Development Corporation (Attachment 8), the Hamilton County Land Reutilization Corporation (the Landbank) (Attachment 7), and Lester and Montgomery Apartments LLC (Attachment 9).

While the proposed development is slightly less than 2 acres (1.5224), the rezoned area will be greater than 2 acres (2.040) as a result of city right of way. As required in the Cincinnati Zoning Code Section 1429-05(a), "special site characteristics exist and the proposed land uses justify development of the property as a PD." Those special characteristics include the long vacant and deteriorating buildings on Montgomery Road. A change in zoning would allow Towne Properties to replace those blighted properties with a Tudor-style five-story building with ample parking, eloquently enhancing the characteristics of the neighborhood. The opportunity to increase the population of Pleasant Ridge, and provide needed housing alternatives conforming to Plan Cincinnati and the Pleasant Ridge Vision Plan, are additional special characteristics supporting the approval of a PD.

Towne Properties' prepared plans and permit ready drawings are included in this application, which are suitable for Final Development Plan approval. Because of this, it is the

applicant's intent to seek concurrent approval of the zone change, Concept Plan and Program Statement, and Final Development Plan approval.

The Concept Plan is incorporated in the Final Development Plan, which has been prepared under Towne Properties' direction by M&A Architects. The following attachments are the Final Development Plan.

Attachment 10	**Attachment 11**	**Attachment 12**	**Attachment 13**	**Attachment 14**
Architectural Site Plan • A2.00 Site Plans and Notes • C1.00, C2.00, C2.01 Layout and Streetscape • C3.00 – C3.02 Utility and Storm • C4.00 – C4.03 Grading and Erosion Control • C5.00 – C5.02	Floor Plans • A2.10 - A2.12	Elevations • A6.00 – A6.01	Landscape Plan • L1.00 Landscape Details • L2.00	Trash Plan

The attached plans (noted above) are the complete, Final Development Plan for the proposed project, and include within it, all of the details required by CZC Section 1429-13(a) thru (h). As mentioned, Attachments 10 through 14 are included to meet the requirements of both Concept and Final Development plan approval. Additionally, an initial traffic assessment was completed (findings are included in Attachment 16) that describes regional traffic distribution,

trip generation, and level of service capacity results. Attachment 17 includes a geotechnical engineering report that provides recommendations regarding the earthwork, design, and construction of the project.

An early version of the plan was submitted to the CSR Advisory Team, and the CSPRO Committee, for a preliminary review. A copy of that report, dated June 3, 2021, can be found in Attachment 15.

The property involved in the proposed project is currently zoned CC-P and RMX with an Urban Design Overlay on the CC-P zoned property. With the rezoning to PD, the site would eliminate those zone designations, including the overlay. But it is important to note that while the CC-P zone allows building heights to reach 85 feet, the proposed buildings' highest point is 71.5 feet, as measured by the height measurement requirements in Section 1400-27-H of the Cincinnati Zoning Code. The property currently zoned RMX will be devoted to a landscaped parking area. The Urban Design Overlay was intended to ensure that the architecture design of new construction is carefully examined to insure it fits the community. The rezoning to PD and the required approval of the Concept Plan, Development Program Statement, Final Development Plan and the rezoning to PD provide a more than ample replacement for the Overlay as both the Planning Commission and City Council has the opportunity to review the proposed project and its architectural detail. In addition the process provides multiple opportunities for community input. Towne Properties is proud that the project has already received the endorsement of the Pleasant Ridge Community Council, and its partner in the project, The Pleasant Ridge Development Corporation.

In fact, the development standards in the existing UD #13 Overlay district are met by Towne Properties' proposal. No prohibited signage is proposed, and the signage areas on the building conform to the requirements of projecting signs, such as only allowing small identification, not exceeding the square footage requirement, and are simple in nature. All businesses are located on the ground floor, awnings are harmonious, and new service from the existing overhead power lines on Montgomery Road will be underground (see previously referenced elevations in Attachment 12).

Towne Properties has successfully integrated details into their developments that are harmonious with the surrounding neighborhoods, and will continue to do so in this proposed development. The neighborhood is reminiscent of Tudor style architecture; the proposed building relates to the Tudor revival homes by roof style, exterior materials of board-and-batten siding and masonry, and fenestration proportions. The roof is steeply pitched and articulated by several gables with finials and cross-bracing. The facades are accented by repeated projecting bay elements on timber supports, with Tudor-detailed roof gables, and double-hung windows with ornamental mullions on top sashes. Prominent parts of the façade are clad in masonry veneer – either with brick and cast stone detailing (headers, sills and masonry caps), or synthetic stone veneer in ashlar coursing of two different surface textures (smooth and chiseled), and crenellation on top to mark the restaurant entrance on Montgomery and the west-facing masonry bay on Lester. The first and second floor residential terraces along Montgomery are slightly larger than the standard balconies above in order to create porch features with Tudor-like timber details. The top floor of the proposed building has a roof-top amenity facing downtown Pleasant Ridge. The taller storefront space at this end of the building has only 2 residential levels above it, and the rooftop amenity pulled back from the street front, giving the building at this end a 3-story appearance. The storefront windows of the commercial spaces at the ends of the building follow the proportions and scale of the historic storefronts that exist within the Pleasant Ridge business district, and connect the building to the street, adding vibrancy to the neighborhood. The first floor units have some setback from the edge of ROW, allowing space for landscaping and added privacy for the residents.

Towne Properties has carefully considered Plan Cincinnati as well as the Pleasant Ridge Community Council's 2016 Update Market Study and Vision Plan.

Plan Cincinnati, established as a guiding policy and comprehensive plan, seeks to increase the population of the city of Cincinnati. This project contributes to that. Plan Cincinnati also identified the desire to preserve and create a pedestrian scaled city as a policy principle for the plan (page 78). Again, this plan assists in doing that. Specifically, with regard to the Pleasant Ridge neighborhood, Plan Cincinnati explicitly calls out to improve the quality and number of rental and homeowner units, and the development of work force housing with modern amenities

(page 166). Towne Properties' plan for redevelopment will succeed at bringing the sought after growth to Pleasant Ridge.

Towne Properties' plan also specifically addresses the Pleasant Ridge Vision Plan – 2016 Update. Lester Road and Montgomery Road were highlighted in the plan as an opportunity for redevelopment which "should focus on higher density, mixed-use residential versus single-story commercial uses." The plan specifically recommended that the redevelopment of second-tier commercial properties (along Montgomery Road) should be geared toward mixed-use alternatives that increase the local resident population (and pool of potential business patrons) (page 18). Additionally, Pleasant Ridge's Vision Plan depicts 4 and 5-story buildings, and specifically recommends the development of "Mariemont-like" housing along Montgomery road (pages 18, 21).

While the proposed building is taller than most existing buildings in the neighborhood, the building conforms to the existing, underlying CC-P zoning. The maximum building height requirement under CC-P zoning is 85 feet, and the proposed building is nearly 10 feet less than the maximum height allowed. The residential portion of the development has 1 unit per 808 square feet of land area, exceeding the minimum density requirement by providing over 100 square feet of additional area per 1 unit in its existing CC-P district. The proposed project has an open space calculation of over 15%. The 5984 Lester Road parcel, zoned RMX, will be entirely a landscaped parking area for the proposed development, that conforms to the CZC's parking and density requirements. The proposed parking count is 96 spaces within a garage and a parking lot, including designated spots for residents.

A change in zoning for the properties would give the Pleasant Ridge neighborhood an opportunity to develop in accordance with the Pleasant Ridge Vision Plan. Seeking approval for the Final Development Plan will fully replace the review of the Concept Plans, which were originally presented to the Pleasant Ridge Community Council, and posted on the Community Council's website (see Attachment 18 for the presentation). Properties that exist under Planned Development zoning are designated as PD for the purposes of developing sites with special characteristics. Towne Properties' vision for the neighborhood has not wavered in providing

population and economic growth for Pleasant Ridge, while conforming to the Vision Plan of the neighborhood, as well as Plan Cincinnati. Towne Properties and its development partners are prepared to respond to any questions or concerns from the planning staff, the Planning Commission, and ultimately City Council, and will continue to be available as this matter moves forward.


PLEASANT RIDGE
MONTESSORI SCHOOL
MONTGOMERY ROAD
LESTER ROAD
PLEASANT RIDGE
CHILI
PARKVIEW AVE

Summary of Community Meetings – Pleasant Ridge
Re: 6010, 6018, 6024, 6026 Montgomery Road & 5984, 5986, 5988 Lester Road

Towne Properties's interaction with the Pleasant Ridge Community began by having preliminary discussions with the President of the Pleasant Ridge Development Corporation. After determining a good fit between Towne Properties' and the PRDC's vision for the site, phone conversations were held with the President of the Pleasant Ridge Community Council and the President of the Pleasant Ridge Neighborhood Business Group.

Following these conversations, Towne Properties held a joint meeting with leadership of all 3 groups (Development, Community, Business), where multiple representatives from each group were present.

As a follow up to the joint meeting, Towne Properties met with the Executive Committee of the Community Council, and presented at the Community Council meeting on May 4th, June 1st, and August 3rd 2021. Each of these meetings consisted of answering questions from neighborhood residents, and following up on the questions in writing. The presentations and Q&A from the meetings were posted on the Pleasant Ridge website, with a banner link across the top of the home page. This link to the information is still provided on the webside, and continues to be updated.

On June 9th 2022, Towne Properties presented the same plan to a very well attended community council meeting, highlighting a desire to submit for zone change. The presentation was followed by a Q&A session, including questions from the residents about their interest in moving the project forward. The question precipitated a vote to provide a letter of support, with the vast majority of those in attendance voting in favor of the project and zone change.

Pleasant Ridge Community Council

Kate Gille, President

Bill Frost, Vice President

Cindy Kearns, Treasurer

Jerri Schultz, Secretary

PO Box 128705
Cincinnati, OH 45212

pleasantridge.org

June 13, 2022

Cincinnati City Council
801 Plum Street
Cincinnati, OH 45202

Dear Cincinnati City Council,

We are writing on behalf of the Pleasant Ridge Community Council who represents the residents of our neighborhood.

On June 7, 2022, Towne Properties presented at our community council meeting to give an update on the development at the corner of Lester Rd. and Montgomery Rd. (6010 – 6026 Montgomery and 5984 – 5988 Lester). Residents in attendance were asked to vote if they supported the project and Towne's filing to rezone the development site from a combination of CC-P and RMX with an Urban Design Overlay District on the CC-P portion to a PD, Planned Development, without the overlay and to approve the Concept Plan and Final Development Plan as it has been presented.

I am pleased to report that at the conclusion of that presentation and an in-person question and answer session, the Pleasant Ridge community voted overwhelmingly in support.

In addition, Towne Properties' commitment to be a good neighbor "both during and after construction," to "use higher quality building materials and methods," to "be [the] long term owner and operators" of the development, and to provide ongoing transparency and updates should anything in the project change, has earned the Community Council leadership's full support.

Sincerely,

Kate Gille
President

Bill Frost
Vice President

June 6, 2022

Cincinnati City Council
801 Plum Street
Cincinnati, Ohio 45202

Re: Petition for Zone Change (6010-6026 Montgomery Road & 5984-5988 Lester)

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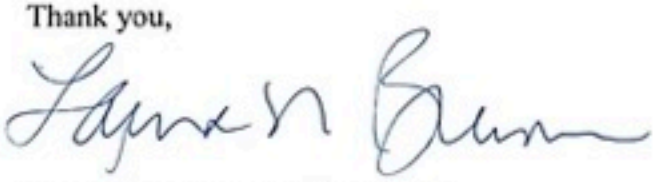
The Hamilton County Land Reutilization Corporation (the Landbank) is currently the owner of the properties listed below. We are working in partnership with the Pleasant Ridge Development Corporation (PRDC). To facilitate PRDC's vision for the site, we are writing to you to authorize and support Towne Properties' pursuit of rezoning from CC-P and RMX, to PD – Planned Development. We believe the proposed zone change will give the Pleasant Ridge community an excellent opportunity for development.

- 6010 Montgomery Road (122-0004-0059-00)
- 6018 Montgomery Road (122-0004-0061-00)
- 6024 Montgomery Road (122-0004-0112-00)
- 6026 Montgomery Road (122-0004-0043-00)
- 5988 Lester Road (122-0004-0062-00)

We will continue to be available for any interactions and engagement, as well as any continued support required or requested by the City.

Thank you,



Laura Brunner, President/CEO

Hamilton County Land Reutilization Corporation
The Port
3 East Fourth Street Suite 300
Cincinnati, Ohio 45202

Pleasant Ridge Development Corporation
PO Box 128705
Cincinnati, OH 45212
513-379-8301

6 June 2022

Cincinnati City Council
801 Plum Street
Cincinnati, Ohio 45202

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Thank you,

Jason Chamlee
President
Pleasant Ridge Development Corporation

"

"PRDC is a non-profit group that is to serve as a catalyst for economic and business growth through fostering and assisting in locating and expanding businesses in Pleasant Ridge."

Mayor and City Council
City Hall
8th and Plum St.
Cincinnati, Ohio 45202
Dear Mayor and Members of Council:

Towne Properties has done a very good job of informing the Pleasant Ridge business community of the plans for the long over due redevelopment of an important part of our business district. We support the elimination of the long vacant blighted buildings and their replacement with the proposed mixed use residential and commercial new building. The new businesses will be welcome as will the new residents and prospective customers.

It is for these reasons we are pleased to support Towne's petition to change the zoning on the property at 6010-6026 Montgomery Road and 5984-5988 Lester Rd. to a Planned Development and the approval of the Final Development for their project.

Sincerely,
Joe Peters
President
Pleasant Ridge Business Association

June 15, 2022

Cincinnati City Council
801 Plum Street
Cincinnati, Ohio 45202

Re: Petition for Zone Change (6010-6026 Montgomery Road & 5984-5988 Lester)

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As owners of the property listed below, we are writing to you to authorize and support Towne Properties' pursuit of rezoning from CC-P and RMX, to PD – Planned Development. We believe the proposed zone change will give the Pleasant Ridge community an excellent opportunity for development.

- 5984 Lester Road (123-0001-0022-00)

We will continue to be available for any interactions and engagement, as well as any continued support required or requested by the City.

Thank you,

Adam Bortz
Manager

Lester and Montgomery Apartments LLC
1055 St. Paul Place
Cincinnati, Ohio 45202

PROJECT OVERVIEW:

Pleasant Ridge @
Montgomery and Lester

TOWNE PROPERTIES

E. Levental Companies

1103

TOWNE PROPERTIES

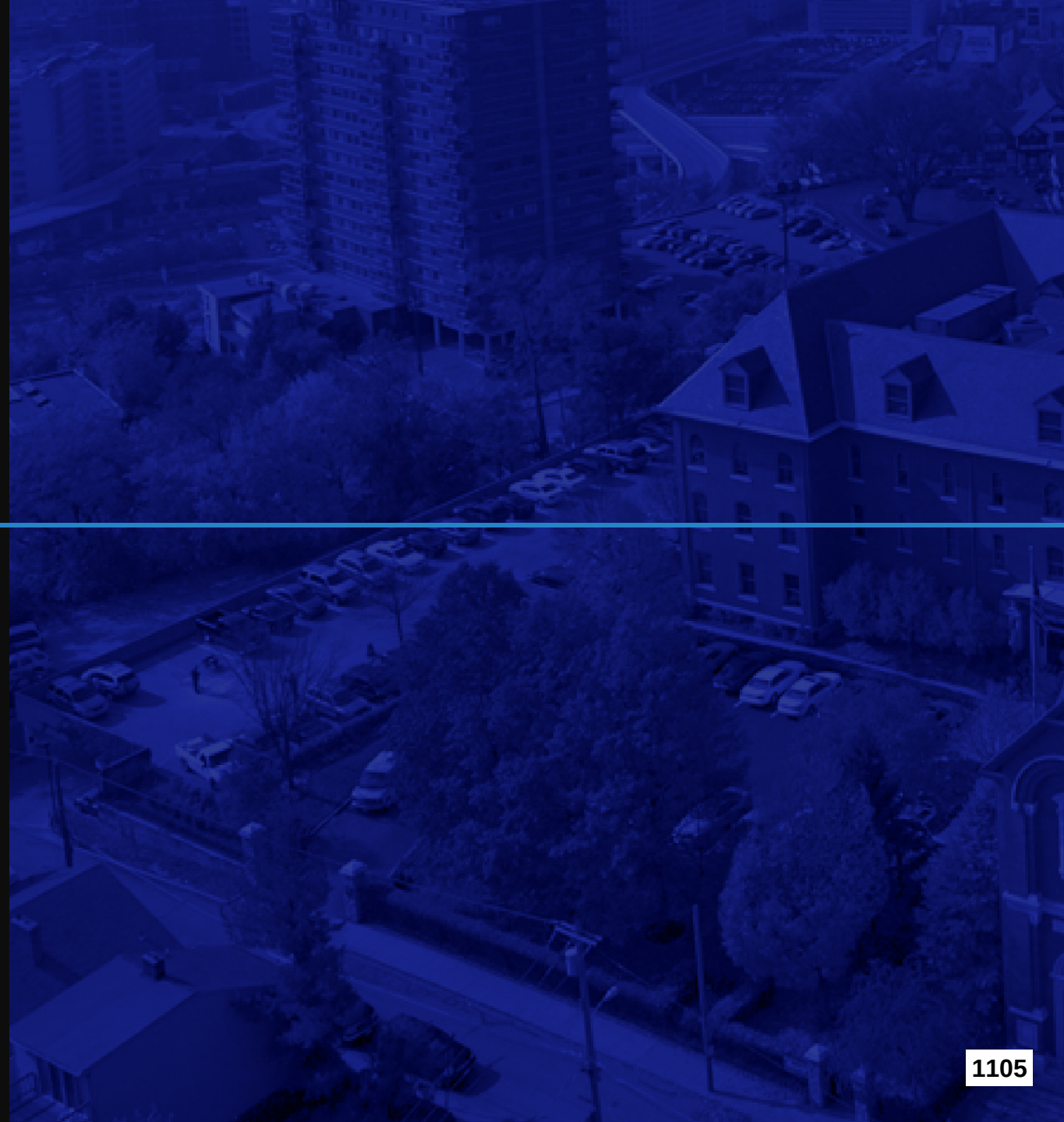
E. Levental Companies

PRDC
PLEASANT RIDGE DEVELOPMENT CORPORATION

Project Development Partners

ABOUT Towne and E Levental

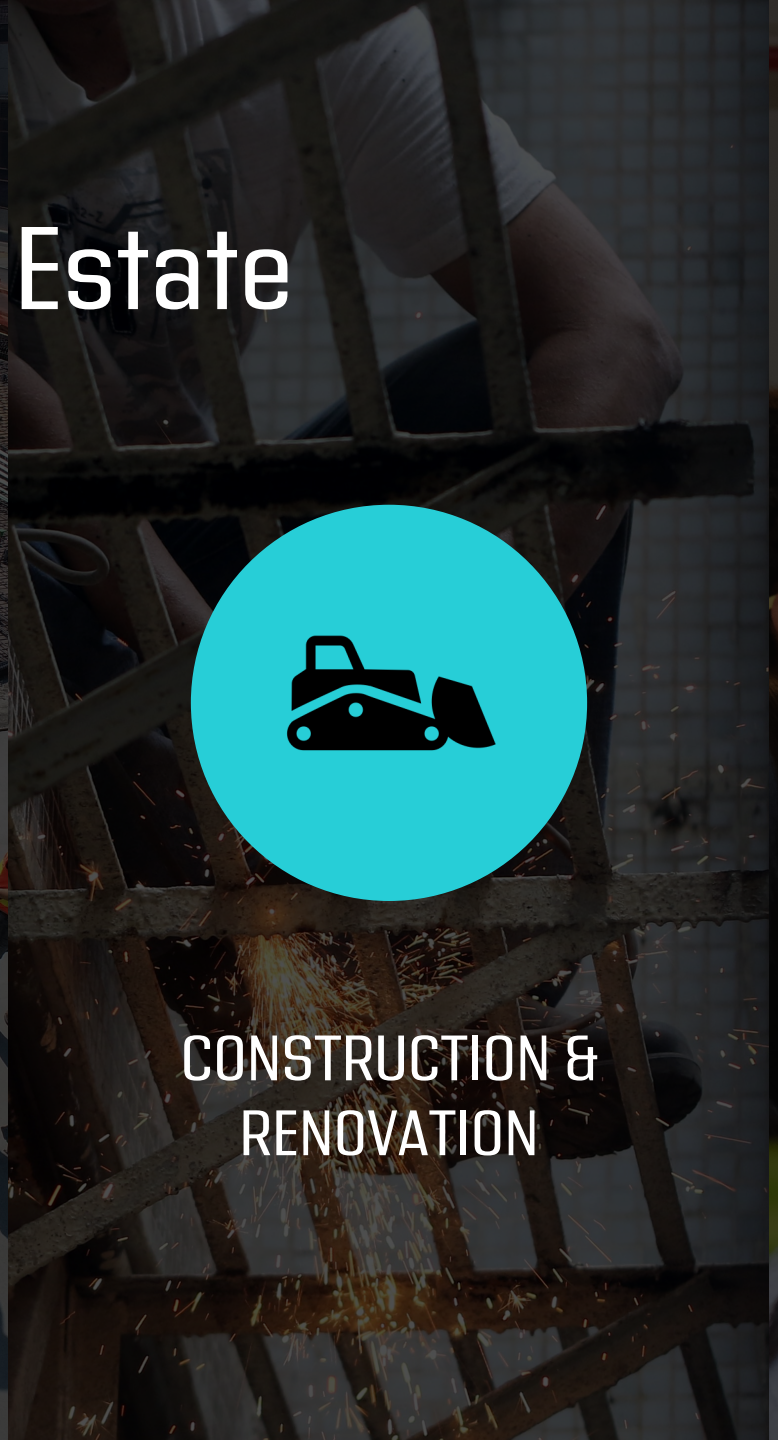
Creating Long–Term Value with Quality Development Projects



OUR NICHE:
Integrated Real Estate



PROPERTY DEVELOPMENT



CONSTRUCTION & RENOVATION



PROPERTY MANAGEMENT

Towne's MISSION

To Contribute to a Better Community by Profitably Creating, Marketing, and Managing Great Places to Live, Work, Shop, & Play®.



COMMUNITY PARTNERS

LEUKEMIA & LYMPHOMA SOCIETY®

United Way

BOYS & GIRLS CLUBS OF AMERICA

artswave

ADOPT A CLASS

A Kid Again®
Giving illness a time out

Towne Properties:
60 Years of Experience Creating Great Places to Live, Work, Shop, and Play®.

160+ Developments

15,000+ Apartments Managed in 4 States

130,000+ HOA/COA Units Managed

2,000,000+ Sq. Ft. of Commercial Property Developed



OUR PROMISE

Being a good neighbor is very important to Towne Properties and E. Levental Companies, both during and after construction. We use higher quality building materials and methods. During construction representatives from our companies will be on site daily. After construction, we will be long term owner and operators.



Pleasant Ridge

- Towne Properties and E. Levental Companies currently own and manage 203 well maintained apartments in the neighborhood.
  - 201 of the units are renting below 80% of Area Median Income (AMI) level, with most unit rents at 50-60% of AMI
  - No new apartments constructed in the neighborhood in over 60 years

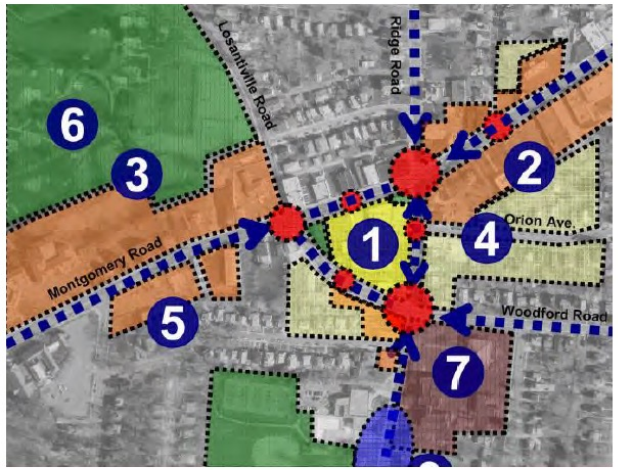


Pleasant Ridge Plan

- The lack of a continuous street wall (of storefronts) limits the definition and recognition of a cohesive business district. Converted residential building sites adjacent to the "Triangle" and core district area could be redeveloped as new, mixed-use buildings which offer more modern apartment-style living spaces and better define the district boundaries.
- Properties along the western Montgomery Road corridor benefit from close proximity and potential views to open space. Future development should focus on higher density mixed-use residential uses versus single-story commercial uses. Lack of visibility and poor connectivity to Ridge & Montgomery core area limit current desirability of eastern Montgomery Road commercial sites. Current traffic flow patterns limit the viability of businesses due to narrow lanes.
- Future development should promote a higher density mixed-use in-fill where possible.



Final Report
2016 Update



The above map illustrates key redevelopment parcels within the district. This map was used by the "Vision Committee" to set priorities and determine possible redevelopment targets.





Pleasant Ridge Montgomery and Lester Development

THE PLAN

Towne Properties and E. Levental Companies are developing a new mixed-use market-rate multifamily rental apartment community in the City of Cincinnati neighborhood of Pleasant Ridge. Features of the project include:

- 5 stories tall building with 82 apartment units
  - 65 one-bedroom apartments (700 SF average)
  - 17 two-bedroom/two-bath apartments (1,100 SF average)
  - 6,000 Square Feet ground floor commercial space
  - 96 Parking Spaces (23 Garage and 55 Surface and 18 tandem) + additional parking agreement with Church
- Traditional Tudor style look and feel building
- Residential amenities: fitness center, community room with co-working spaces, roof-top community deck, dog walk, bike maintenance station, Electric Vehicle charging stations
- LEED Silver certification





E. Levental Companies



m-a architects

Terracon



schaefer



THE PORT
Making Real Estate Work

PRDC
PLEASANT RIDGE DEVELOPMENT CORPORATION

Project Partners


PLEASANT RIDGE
MONTESSORI SCHOOL
MONTGOMERY ROAD
LESTER ROAD
PARKVIEW AVE
PLEASANT RIDGE
CHILI





Project Status

In Process

- Finalizing construction financing
- Plans submitted to City for building permit (subject to zoning approval)

Next Steps

- Apply for PD zoning based on city planning recommendations
- Request LEED CRA Tax abatement from City
- Construction could start by fall 2022 and will continue for approximately 16 months
- Receive a letter of support from the Pleasant Ridge Community Council to expedite city approval



THANK YOU

Scott Arentsen
ScottArentsen@TowneProperties.com

June 3, 2021

Mr. Chad Munitz
Town Properties
1055 St. Paul Place
Cincinnati, Ohio 45202

Re: 6020 Montgomery Road (D) – **(CPRE210048)** Final Recommendations

Dear Mr. Munitz,

This letter is to inform you that our CSR Advisory-TEAM and CSPRO Committee has reviewed your proposed project at **6020 Montgomery Road** in the Community of Pleasant Ridge. The information provided is the recommendations of the City of Cincinnati and must be followed as you move forward with your project. As a reminder, we will have a **WebEx conference call meeting** with you on **June 8, 2021 @ 1:30 pm** to discuss this information. Please see the feedback listed below. Thank you for developing within the City of Cincinnati.

City Planning Department

Immediate Requirements to move the project forward:

1. Upon review and discussion with the Department of Buildings & Inspections - Zoning Division, a zone change is necessary for this project to move forward. The subject property is currently zoned CC-P and RMX, with one parcel being zoned the latter. The entire property should be rezoned CC-P.

Requirements to obtain permits:

1. The proposed development will need additional review by the ZHE - Zoning Hearing Examiner - after the zone change process, because the project is also in the UDOD - Urban Design Overlay District. Any new construction in a UDOD must be reviewed by the ZHE, which is a separate process.

Recommendations:

1. The Department of City Planning strongly urges that the development team engage with the Pleasant Ridge Community Council and adjacent property owners regarding the proposal.

Contact:

- **Caroline Kellam** | City Planning | 513-352-4842 | caroline.kellam@cincinnati-oh.gov
- **Jesse Urbancsik** | City Planning | 513-352-4843 | jesse.urbancsik@cincinnati-oh.gov

Buildings & Inspections – Zoning

Immediate Requirements to move the project forward:

1. The RMX District does not allow surface parking as a permitted use- so the parking lot area at corner of Lester and Parkview (which is zoned RMX) would require a zone change via the planning commission.

Requirements to obtain permits:

(Comments below are based on the rezoning of the property)

1. An Urban Design Review is required for the proposed demolition of the existing buildings on the site; and also, for the proposed new building per Section 1437 of the zoning code.
2. A total of 94 parking spaces are required as per section 1425-19. Additional information is needed for the total restaurant square footage (both outdoor and indoor space) for a final calculation of the required parking. Required parking is estimated at 83 spaces for the 83 residential units (one per unit) plus 11 spaces for the restaurant space; the 1,314 SF retail space being exempt due to the 2,000 SF exemption. The required restaurant parking is based on the following: 3,283 SF of indoor space plus an estimated 360 SF of outdoor space equals 3,643 SF (minus 2,000 SF exemption) equals 1,643 SF and 11 spaces are required based on the one space per 150 SF. 78 parking spaces are provided so additional parking, or a variance is needed. Additional parking could be provided within 600' via a recorded covenant as allowed by section 1425-15 (note- a use variance may be needed for any parking in a SF zone). Other options include reducing the density or applying for Zoning Relief for 16 spaces. A parking variance would be difficult to get since there is no hardship in the case of a new building.
3. The Location of Parking to the side of the building adjacent to the Parkview Ave. right of way requires a Special Exception as per section 1409-25.
4. The building has a +/- 5' setback from Montgomery and Lester Roads, where the building is required to be built to the lot line with a zero setback as per section 1409-17-part B. A variance would be required.
5. Conditional Use approval is required for the location of the proposed Outdoor Area related to the Eating and Drinking Establishment as per section 1419-21-part B and possibly E. Clarify hours of operation and if entertainment will be provided.
6. Consolidation of parcels into one parcel is required.
7. More information is needed to determine the height of the building. What is the above sea level (ASL) height of the mid-point of the highest sloped roof or the TPO flat roof (whichever is higher)? The height is measured from the average grade at the building line on Lester- which is approximately 781 ASL. Zoning staff estimates the TPO flat roof at approx. 852 ASL which would make the height of the building 71 feet.
8. Provide more information or a drawing that shows the relationship between the elevated parking areas and the screen fence on the property line to confirm if car headlights facing the neighbors would be blocked by the screen fence or not. A taller screen fence or lowering the parking lot are possible options to reduce the impact of headlights shining on the abutting homes.

Recommendations:

1. Staff has concerns with the scale, massing, and height of the proposed new building, which appears to be out of scale with the surrounding urban design district patterns as far as building height, number of stories and neighboring properties. Applicant will need to demonstrate compliance with Chapter 1437, Urban Design Overlay District, and the Pleasant Ridge Urban Design Plan in their application to the Zoning Hearing Examiner. Stepping the massing left to right and front to back is suggested to be more compatible with the goals of the urban design plan and zoning code section 1437.

Contact:

- **Wes Munzel** | ZPE | 513-352-2442 | weston.munzel@cincinnati-oh.gov

Metropolitan Sewer District (MSD)

Immediate Requirements to move the project forward:

- None at this time.

Requirements to obtain permits:

- None at this time.

Recommendations

- None at this time.

Contact:

- **Jim Wood** | MSD | 513-352-4311 | jim.wood@cincinnati-oh.gov

Stormwater Management Utility (SMU)

Immediate Requirements to move the project forward:

- None

Requirements to obtain permits:

1. SMU public storm plan requirements - plan and profile views, 25-year HGL shown on profile.
2. Submit Storm Calculations.
3. Submit Grading and Erosion Control Plans.

Recommendation:

- None at this time

Contact:

- **Rob Goodpaster** | SMU | 513-581-0893 | robert.goodpaster@cincinnati-oh.gov

Water Works

Immediate Requirements to move the project forward:

- None

Requirements to obtain permits:

1. A stamped and recorded consolidation plat will be required before any new branch(es), or meter(s) sold.
2. The subject development property is receiving water service from the following:

Address	Branch #	Size	Meter #	Size	
5984 Lester Rd	H-103931	3/4"		Curb-only	
5988 Lester Rd	H-76326	5/8"		FOD	
5984 Lester Rd	H-57632	5/8"	51831	5/8"	Lead service line
6010 Montgomery Rd	H-233557	1"	233557	3/4"	
6018 Montgomery Rd	H-102761	3/4"	98665	3/4"	
6018 Montgomery Rd	H-102761	3/4"	123261	5/8"	
6024 Montgomery Rd	H-145487	3/4"	148653	3/4"	

*Please note that there are known health risk with lead service lines. Greater Cincinnati Water Works records indicate lead to be associated with the above listed water service lines, at this site. In accordance with CMC Chapter 401 Division M, should be replaced with copper service line if it is to remain. Please contact the GCWW Lead Service Line Replacement Coordinator Kathleen Frey at (513) 591-5068. Please call 513-651-5323 and/or refer to http://www.cincinnati-oh.gov/water/lead-information/.

3. Any existing water service branch not to be used for this development, must be properly disconnected at the owner's / developer's expense. Owner would be required to fill out the online Discontinuance Form (FOD) at https://www.cincinnati-oh.gov/water/engineering-construction/forms-specifications/fod/ authorizing removal of the existing water service branch before any new water service can be sold. Any questions contact 513-591-7837.

Recommendations:

1. It is the responsibility of the owner/developer to abandoned branches which will require a drawing showing which branches are to be physically removed from the main. Each branch will need to show the branch number. Submit to Shawn Wagner at Shawn.Wagner@gcww.cincinnati-oh.gov
2. Additional time will be needed for the approval of the branch application for the tapping of the existing 24" public water main.
3. The Owner(s)/Developer(s) will need to hire a Greater Cincinnati Water Works certified licensed and bonded plumber and fire protection company to perform the private water service branch design work and installation.
4. The Owner(s)/Developer(s) must have a licensed plumber that is bonded and certified with GCWW and fill out the Online Branch application https://www.cincinnati-oh.gov/water/engineering-construction/forms-specifications/ for water service.

Contact:

- **Rick Roell** | WaterWorks | 513-591-7858 | richard.roellr@gcww.cincinnati-oh.gov

Fire Department

Immediate Requirements to move the project forward:

1. The minimum fire flow requirements for Commercial structures: 2,000 gallons/per/minutes (GPM) @ 20 pressure/per/square inch (psi) (138Kpa).
2. Sprinkler buildings:
    - Private hydrants shall be located at least 50 feet from the building.
    - The Fire Department Connection fitting should be 5-inch Storz type.
3. Hydrants closest to property:
    - 6024 Montgomery Rd.
    - 5945 Montgomery Rd. (Private hydrant located at Pleasant Ridge Elementary School)
    - 5975 Montgomery Rd.

Requirements to obtain Permits:

1. The Cincinnati Fire Department requires this project to install Bi-directional Antenna device within the building if it meets any of these criteria.
    - New or existing building 20,000 square feet or greater.
    - New and existing building with lower level extending 2 or more stories below grade plane.

- New or existing building with a total basement or parking area 10,000 square feet or greater.
- New and existing building 5 or more stories above grade plane.

2. Please see Ohio Fire Code Section (J) 510 Emergency responder radio coverage.
   - Administrative Code Rule 1301:7-7-11.

Recommendations:

1. No further recommendations needed at this time, as the project develops the Cincinnati Fire Department reserves the right to make additional recommendations per the Ohio Fire Code, NFPA, or the Cincinnati Fire Prevention Code.

Contact:

- **Maurice Byrd** | Fire Dept. | 513-806-9403 | maurice.byrd@cincinnati-oh.gov

Office of Environment and Sustainability (OES)

Immediate Requirements to move forward with project:

- None

Requirements to obtain permits:

1. Commercial waste, including construction and demolition debris, generated during the demolition of the existing site buildings and/or the new building construction as part of this development project must utilize a city franchised commercial waste collection service per Cincinnati Municipal Code Chapter 730. Current franchise holders include Rumpke of Ohio, Republic Services of Ohio, Best Way of Indiana, and Bavarian Trucking Company.

Recommendations:

1. Due to the age of the existing site buildings, asbestos, lead based paint, and other hazardous building materials should be surveyed and, if needed, abatement should be conducted following all applicable regulations prior to their demolition.
2. A Phase I ESA in 2018 and a Phase II ESA in 2019 were conducted of the site. A gas station was formerly located on site. Residual petroleum impacts were identified and the potential presence of two underground storage tanks was identified. These conditions should be appropriately managed during the development of the site.
3. The development goal should be to earn at a minimum the LEED Certified rating level.
4. Rooftop solar should be considered in the design as a renewable energy source.
5. Site parking should include electric vehicle charging stations.
6. Site areas designated for trash carts should also have at least equal space designated for recycling carts (or dumpster).
7. The use of trees in the landscape design should be included to enhance urban forestry.
8. The use of pervious surfaces should be maximized to the extent practical in the design.

Contact:

- **Howard Miller** | OES | 513-352-6999 | howard.miller@cincinnati-oh.gov

Parks Department (Urban Forestry)

Immediate Requirements to move the project forward:

- None

Requirements to obtain permits:

1. If working withing 15' of a city street tree/s, or Project requires its removal Applicant must submit a Public Tree Work Permit (PTWP) application. City must be compensated prior to approval of any removals. Please contact Kurt Kastner.

Recommendations:

1. Please contact Kurt Kastner, Cincinnati Parks - Urban Forestry, to coordinate any streetscape revisions within this segment of Montgomery RD in conjunction with DOTE.

Contact:

- **Robin Hunt** | Urban Forestry. | 513-861-9070 | robin.hunt@cincinnati-oh.gov

Department of Transportation & Engineering (DOTE)

Immediate Requirements to move the project forward:

- None

Requirements to obtain permits:

1. Some level of a Traffic Impact Study is required. Work with DOTE to determine the scope of the analysis.
2. A loading zone is possible. Work with DOTE on location and signage needed.
3. The proposed driveway locations are acceptable.
   a. Driveway aprons are to have 5' minimum clearance from all objects.
4. Driveway aprons are to be City standard.
5. The unused driveway aprons need to be removed and restored to match the existing streetscape.
6. Work with DOTE on the streetscape plans for Montgomery Rd. prior to submittal for permit.
7. Lester needs to be 5' tree lawn and 5' sidewalk south of the proposed driveway.
8. The rounded curb proposed along the back of walk on Montgomery needs to be out of the right of way.
9. A DOTE permit is required for all work in the right of way.
10. Addresses have been assigned as: 6020 Montgomery Rd (apartments), 6000 Montgomery Rd (retail), 6026 Montgomery Rd (restaurant). Contact DTEaddress@cincinnati-oh.gov for questions.

Recommendations:

- None

Contact:

- **Morgan Kolks** | DOTE | 513-335-7322 | morgan.kolks@cincinnati-oh.gov

Buildings & Inspections – Buildings

Immediate Requirements to move the project forward:

- None

Requirements to obtain permits:

1. Please schedule a meeting to discuss code issues and permitting questions.
2. Separate permits can be utilized when constructing a podium building.

Recommendations:

- None

Contact:

- **Robert Martin** | B&I Plans Exam | 513-352-2456 | robert.martin@cincinnati-oh.gov

Law Department

Immediate Requirements to move the project forward:

- No comments at this time.

Requirements to obtain permits:

- None

Recommendations:

- None

Contact:

- **Charles Martinez** | Law | 513-352-3359 | charles.martinez@cincinnati-oh.gov

Department of Community & Economic Development (DCED)

Immediate Requirements to move the project forward:

- None

Requirements to obtain permits:

- None

Recommendations:

- None

Contact:

- **Katrina Gragston** | DCED | 513-352-6250 | katrina.gragston@cincinnati-oh.gov

Health Department

Immediate Requirements to move the project forward:

- None

Requirements to obtain permits:

1. A food facility plan review by the Cincinnati Health Department (CHD) will be required if future or current space (or tenant) is licensable (or is currently licensed) as a food service operation (FSO) or retail food establishment (RFE). If licensable, plumbing will not issue permits until CHD has completed the food facility review and approved the project.

Recommendations:

1. Contact: For assistance in determining whether facility is licensable as an FSO/RFE or not, please contact me.

Contact:

- **Trisha Blake** | Health Dept. | 513-352-2447 | trisha.blake@cincinnati-oh.gov

Police Department

Immediate Requirements to move the project forward:

- None currently.

Requirements to obtain permits:

- No comments.

Recommendations:

- None

Contact:

- **Katalin Howard** | Police Dept. | 513-352-3298 | katalin.howard@cincinnati-oh.gov
- **Brandon Kyle |** Police Dept. | 513-564-1870 | brandon.kyle@cincinnati-oh.gov

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FINAL ACTION: The CSR Advisory-TEAM and CSPRO Committee believes that the proposed project plans are moving in the appropriate direction and recommends that the project move forward to City Planning Commission subject to the following condition.

- **The subject development must follow the requirements listed above to ensure that the development meets the requirements of all agencies as they apply for all permits.**

Sincerely,

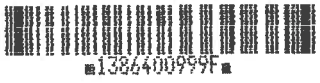
Art Dahlberg,
Director of Buildings and Inspections Department
& CSPRO Committee Chair

Rodney D. Ringer,
Development Manager

AD:RDR:

6

Norbert A. Nadel
Hamilton County Recorder's Office
Doc #: 2019-0015098 Type: MT
Filed: 02/28/19 11:20:29 AM $60.00
Off.Rec.: 13864 00999 F C22 6 180



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RESTRICTIVE COVENANT
(5988 Lester Road and 6010-26 Montgomery Road)

THIS RESTRICTIVE COVENANT is made this 14th day of February, 2019 by **Pleasant Ridge Development Corporation,** an Ohio nonprofit corporation, the address of which is PO Box 128705 Cinti OH 45212 ("**Owner**"), for the benefit of the **City of Cincinnati**, an Ohio municipal corporation, 801 Plum Street, Cincinnati, OH 45202 (the "**City**").

Recitals:

A. By virtue of a deed recorded on February 1, 2019 in Official Record 13846, Page 00969, Hamilton County, Ohio Records, Owner owns the real property located at 5988 Lester Road and 6010, 6016, 6018, 6024, and 6026 Montgomery Road (Auditor's Parcel Nos. 122-0004-0041-00, 122-0004-0043-00, 122-0004-0059-00, 122-0004-0060-00, 122-0004-0061-00, 122-0004-0062-00, and 122-0004-0112-00), described on Exhibit A (*Legal Description*) hereto (the "**Property**"):

B. Pursuant to a certain *Funding Agreement for the Grant of City Capital Funds* dated 30th January, 2019 between Owner and the City (the "**Agreement**"), the City provided a grant of $850,000.00 (the "**Grant**") to Owner to help pay for acquisition of the Property.

C. As partial consideration for the City's grant of funds to Owner for the acquisition of the Property, Owner is required under the Agreement to execute and record this Covenant.

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Owner does hereby declare that the Property shall be subject to the provisions of this Covenant as set forth below.

1. **Covenant to Clear and Maintain Property.** Owner agrees to demolish existing structures and clear the Property so that it is prepared for redevelopment. Owner agrees to keep the Property clear of trash, debris, weeds, and nuisances.

2. **Covenant not to Sell, Transfer, or Convey without the City's Prior Written Consent.** Neither the Property nor any interest therein shall be sold, transferred, or conveyed without the City's prior written consent. The City will release the Covenant only after the City approves a development plan for the Property and the developer commences construction work for the approved development of the Property.

3. **City's Purchase Option.** Beginning ninety (90) days after Owner closes on the purchase of the Property, the City shall have the right to require Owner to convey the Property to the City, by deed of general warranty, free and clear of all liens and encumbrances (except for utility easements, if any, and other encumbrances permitted by the City), for $1.00, plus the cost of any property taxes paid by Owner to the Hamilton County Auditor during the period in which Owner owned the Property

subsequent to the Effective Date of the Agreement and prior to the City's exercise of its purchase option, and plus the reasonable direct costs of demolition and clearing the Property that can be properly itemized and invoiced to the City in a form sufficient to clearly document and prove such costs (the "**Purchase Option**"). The Purchase Option shall remain in effect until such time as a new development of the Property is identified, approved by the City, and commenced. The City will not exercise the Purchase Option if Owner meets certain Milestones towards successful development, as defined in detail in Section 7 of the Agreement. If the Purchase Option is exercised, such conveyance shall take place thirty (30) days after the City's written demand. The City shall not be required to pay for any work that was performed or for any improvements that were made to the Property by Owner prior to such conveyance, except for the properly itemized and invoiced costs of demolition and clearing the Property described herein. Notwithstanding any of the foregoing, the City reserves the right, in its sole discretion, to perform environmental testing on the Property prior to receiving it from Owner, and to extend the time frame for the conveyance of the Property by Owner to the City pending the results of such environmental testing, if the City so chooses, and Owner agrees to abide by such altered timeline as described in writing by the City at that time. Additionally, the City reserves the right to refuse receipt of the Property from Owner pursuant to this section if the City determines the environmental condition of the Property should preclude it from taking title, and notifies Owner of the same in writing, at which point the City's Purchase Option described in this section shall become null and void.

4. Enforcement of the Covenants. The City is the beneficiary of the covenants contained herein. Each and every provision of this Covenant shall apply to and be enforceable by an action at law or equity instituted by the City against Owner. Any failure of the City to enforce any provision of this Covenant shall not be deemed a waiver of the City's right to do so thereafter. This Covenant shall not be amended, released, extinguished, or otherwise modified without the prior written consent of the City, which consent may be withheld in its sole and absolute discretion.

5. Covenants to Run with the Land. Owner intends, declares, and covenants on behalf of itself and its successors-in-title that this Covenant and the provisions contained herein (i) shall be "covenants running with the land" and are binding upon Owner and its successors-in-title, (ii) are not merely personal covenants of Owner, and (iii) shall bind Owner and its successors and inure to the benefit of the City. Owner hereby agrees that any and all requirements of the laws of the State of Ohio to be satisfied in order for the provisions of this Covenant to constitute restrictions and covenants running with the land shall be deemed to be satisfied in full and that any requirements of privity of estate or privity of contract are also deemed to be satisfied in full.

6. Severability. Each provision of this Covenant and the application thereof to the Property are hereby declared to be independent of and severable from the remainder of this Covenant. If any provision contained herein shall be held to be invalid or to be unenforceable or not to run with the land, such holding shall not affect the validity or enforceability of the remainder of this Covenant.

Executed on the date of acknowledgement, effective as of the date first set forth above.

Pleasant Ridge Development Corporation

By: _____

Printed name: Jason Chamlee

Title: President

NOTARY PAGE FOLLOWS.

STATE OF OHIO)
) ss:
COUNTY OF HAMILTON)

The foregoing instrument was acknowledged before me this 14 day of February, 2019 by Jason Chamlee, the President of **Pleasant Ridge Development Corporation**, an Ohio nonprofit corporation, on behalf of the corporation.

Karen E Malone
Notary Public
My commission expires: 7-23-21

NOTARIAL SEAL
STATE OF OHIO

KAREN E. MALONE
Notary Public, State of Ohio
My Commission Expires 07-23-2021

Approved by:

Philip M. Denning, Director
Department of Community and Economic Development

Approved as to Form:

LD Marksity
Assistant City Solicitor

This instrument prepared by:

City of Cincinnati Law Department
801 Plum Street
Cincinnati, OH 45202

Exhibits:
Exhibit A – Legal Description (5988 Lester Road and 6010-26 Montgomery Road)

Exhibit A
to Restrictive Covenant

LEGAL DESCRIPTION OF PROPERTY

Property Address: 5988 Lester Road and 6010, 6016, 6018, 6024, and 6026 Montgomery Road, Cincinnati, OH 45213

Auditor's Parcel Nos.: 122-0004-0041-00, 122-0004-0043-00, 122-0004-0059-00, 122-0004-0060-00, 122-0004-0061-00, 122-0004-0062-00, and 122-0004-0112-00

Legal Description:

TRACT I:

Situated in Sections 29 and 30, Town 4, Fractional Range 2, Miami Purchase, and further described as follows:

(122-0004-0041-00, 122-0004-0062-00:)

Parcel 1: BEGINNING in the east line of Lester Road (50 feet wide) South 0° 41' West a distance of 73.36 feet from its intersection with the southerly line of Montgomery Road (70 feet wide); thence continuing South 0° 41' West with said east line of Lester Road a distance of 53.00 feet; thence North 74° 20' East a distance of 105.00 feet; thence North 28° 10' 06" West a distance of 66.00 feet; thence South 64° 10' 34" West a distance of 77.00 feet to the point or beginning on the east line of Lester Road, containing 5,208.94 square feet, or 0.1196 Acre, more or less.

(122-0004-0060-00:)

Parcel 2: BEGINNING in the southerly line of Montgomery Road (70 feet wide) North 62° 42' East a distance of 155.22 feet from its intersection with the east line of Lester Road (50 feet wide), thence continuing North 62° 42' East with said southerly line of Montgomery Road a distance of 50.00 feet;
Thence leaving said right-of-way line, South 26° 02' East a distance of 60.00 feet;
Thence North 65° 12' East a distance of20.00 feet;
Thence South 26" 02' East a distance of 4.0 feet;
Thence North 63" 46' East a distance of I.0 feet;
Thence South 26° 02' East a distance of 89.43 feet;
Thence South 63" 46' West a distance of 70.00 feet;
Thence North 26° 23' 07" West to the point of beginning on the southerly line of Montgomery Road, a distance of 153.00 feet, containing 9,558.74 square feet, or 0.219 Acre, more or less.

Prior Deed Reference: Book 4331, Page 220 of the Recorders Office of Hamilton County, Ohio.

TRACT II:

Situated in Sections 29 and 30, Town 4, Fractional Range 2, Miami Purchase, in the City of Cincinnati, Hamilton County, Ohio, and further described as follows:

(122-0004-0059-00:)

Beginning at the intersection of the east line of Lester Road (50 feet wide) with the southerly line of Montgomery Road (70 feet wide); thence North 62° 42' East with the southerly line of Montgomery Road

a distance of 155.22 feet; thence South 26° 23' 07" East distance of 153.00 feet; thence South 63° 46' West a distance of 12.18 feet; thence South 74° 20' West a distance of 99.13 feet; thence North 28° 10' 06" West a distance of 66.00 feet; thence South 64° 10' 34" West a distance of 77.00 feet to the east line of Lester Road; thence North 0° 41' East with the east line of Lester Road a distance of 73.36 feet to the point of beginning on the southerly line of Montgomery Road. Containing 19,956 square feet, or 0.4581 acres, more or less.

Prior Deed Reference: Book 4849, Page 1355 of Hamilton County, Ohio Recorder's Office.

TRACT 3:

(122-0004-0112-00:)

Parcel I: All that parcel of real estate lying and being in Sections 29 and 30, Town 4, Fractional Range 2, in Columbia Township, in the City of Cincinnati, Hamilton County, Ohio and being more particularly described as follows:

Beginning at a point in the north line of Parkview Subdivision, as the same is recorded in Plat Book 29, page 76, of the Hamilton County, Ohio Recorder's Office, South 74° 06' West, 6.22 ft. from the northeast corner of Lot 17 of said Parkview Subdivision, the above mentioned 6.22 ft. being measured along the north line of said Lot 17, said point of beginning being also the southwest corner or the grantor's property; thence North 27° 42' West along the West line of grantor's property which is also the West line of Lot 74 of Pierson's Addition to Pleasant Ridge, for a distance of 153.40 ft. to the South line of Montgomery Pike which is also the Northwest corner of the grantor's property; thence North 64° 06½' East along the South line of Montgomery Pike for a distance of 40 ft.; thence South 26° 51' East, 116.22 ft.; thence South 15° 34' East, passing through the center of a firewall dividing the existing garages, for a distance of 43 ft. to a point in the North line of Lot 16 of said Parkview Subdivision, which is also the South line of grantor's property; thence South 74° 06' West along the North line of Lots 16 and 17 of said Parkview subdivision, for a distance of 29.84 ft. to the place of beginning.

(122-0004-0043-00:)

Parcel II: Lying and being in Sections 29 and 30, Town 4, Fractional Range: 2, in Columbia Township, in the City of Cincinnati, Hamilton County, Ohio and being more particularly described as follows:

Beginning at a point in the North line of Parkview Subdivision as the same is recorded in Plat Book 29, page 76, of the Hamilton County Recorder's records, South 74° 6' West, along the North line of Lot 16 of said subdivision 0.43 ft. from the Northeast corner of Lot 16 of said Parkview Subdivision, the above 0.43 ft. being measured along the North line of said Lot 16; thence from said beginning point, South 74° 6' West along the North line of said subdivision 0.43 ft. from the Northeast corner of Lot 16 of said Parkview Subdivision, the above 0.43 ft. being measured along the North line of said Lot 16; thence from said beginning point, South 74° 6' West along the North line of said Lot 16, 33.95 ft.; thence North 15° 34' West, passing through the center of a firewall dividing the existing garages for a distance of 43 ft.; thence North 26° 51' West, 116.22 ft. to a point in the Southerly line of Montgomery Road, a 70 ft. street; thence North 64° 06½' East along the Southerly line of Montgomery Road, 24.92 ft.; thence South 26° 51' East, 164.42 ft. to a point in the North line of Lot 16 of said Parkview Subdivision and the place of beginning, and all the estate, title and interest of said grantor in and to said premises.

Prior Deed Reference: Book 5248, Page 1566 of Hamilton County, Ohio Recorders Office.

TRACT 4:

(122-0004-0061-00:)

Being all of that parcel of land lying in Sections 29 and 30, Town 4, Fractional Range 2, Columbia Township, Hamilton County. Ohio. and being more particularly described as follows: Beginning at a point in the south line of Montgomery Avenue, 205.17 feet East of the southeast comer of Lester Road and Montgomery Avenue; thence north 60 degrees 52 minutes East, 29.48 feet to a point in the south line of Montgomery Avenue; thence North 63 degrees 30' East 31.70 feet to a point in the south line of Montgomery Road; thence south 27 degrees 52 minutes East, 153.50 feet to a point; thence South 61 degrees 56 minutes West, 41.17 feet to a point; thence North 27 degrees 52 minutes West, 89.50 feet to a point; thence South 61 degrees 56 minutes West, 1 ft. to a point; thence North 27 degrees 52 minutes West, 4 feet to a point; thence southwestwardly to a point which is 60 feet South 27 degrees 52 minutes East of the place of beginning; thence northwardly 60 feet to the place of beginning.

Prior Deed Reference: Book 4414, Page 899 of Hamilton County, Ohio Recorders Office.

All of the above-referenced Tracts are subject to mortgages, encumbrances, assessments, covenants, easements and restrictions of record, if any.

3015 PARKVIEW AVENUE LLC
3015 PARKVIEW AVE
CINCINNATI OH 45213

3020 PARKVIEW LLC
3020 PARKVIEW AVE
CINCINNATI OH 45213

6032 MONTGOMERY ROAD LLC
6032 MONTGOMERY RD
CINCINNATI OH 45213

6041 MONTGOMERY LLC
6096 MONTGOMERY RD
CINCINNATI OH 45213

ANGNER MEGHAN
5954 LESTER RD
CINCINNATI OH 45213

ASCO PARA SYSTEMS INC
6624 WOOSTER RD
CINCINNATI OH 45227

BEIDLEMAN JASON& CARRIE P
8505 CRESTDALE CT
CINCINNATI OH 45236

BENKERT MIKE
3142 PARK VIEW AVE
CINCINNATI OH 45213

BLAIR CHARLENE E
3138 PARKVIEW AVE
CINCINNATI OH 45213-1616

BOARD OF EDUCATION OF THE CITY SCHOOLDISTRICT OF THE CITY OF CINCINNATI OHIO
PO BOX 5384
CINCINNATI OH 45201-5384

BODART AARON M &LAURA D
3108 PARKVIEW AVE
CINCINNATI OH 45213-1616

CALDWELL CHRISTOPHER M
5938 BEACRAFT AVE
CINCINNATI OH 45213

CLARK ROBERT E & PAMELA J
546 GINNIE LANE
CINCINNATI OH 45244

COLE SARA E
4408 VERNE AVE APT 2
CINCINNATI OH 45209

COX PAUL & WILRETHA W
6025 MONTGOMERY RD
CINCINNATI OH 45213

CUNNINGHAM JAMES B JR
5974 LESTER RD
CINCINNATI OH 45213-1608

DAVIS GABRIEL A
5962 LESTER RD
CINCINNATI OH 45213

DAVIS SARAH
3114 PARKVIEW AVE
CINCINNATI OH 45213

DAY DEBORAH R
3130 PARKVIEW AVE
CINCINNATI OH 45213-1616

DIEHL DREW S & SUSAN L
5930 BEACRAFT AVE
CINCINNATI OH 45213-1606

DUKE ENERGY OHIO INCC/O TAX DEPARTMENT
550 TRYON ST P O BOX 1321
CHARLOTTE NC 28201

DUMBAULD MICHAEL S
5950 LESTER RD
CINCINNATI OH 45213

FIFTH THIRD BANK
38 FOUNTAIN SQUARE PLAZA
DEPARTMENT 858
CINCINNATI OH 45263

FRENCH KAREN Y
7440 WHISPERING WAY
CINCINNATI OH 45241

GLENN THOMAS P& BLANCHE M
5923 BEACRAFT AVE
CINCINNATI OH 45213-1605

HAMILTON COUNTY LAND REUTILIZATION CORPORATION
3 EAST FOURTH ST SUITE 300
CINCINNATI OH 45202

HART MICHAEL & MEGAN ELKUS
3122 PARKVIEW AVE
CINCINNATI OH 45213

HICKEY TIMOTHY ANDREW JR & EMILY LAO
3115 PARKVIEW AVE
CINCINNATI OH 45213

HUSTON CLAYTON J & ELIZABETH P PARKHOUSE
5944 BEARCRAFT AVE
CINCINNATI OH 45213

IVERSON JAMES RUSSELL &CLARE FAZACKERLEY IVERSON
5931 BEACRAFT AVE
CINCINNATI OH 45213-1605

JOHNSON DONALD W
5955 LESTER RD
CINCINNATI OH 45213-1607

JONES FRANK K
3118 PARKVIEW AVE
CINCINNATI OH 45213-1616

KALSEY TODD & KIMBERLY
5947 BEACRAFT AVE
CINCINNATI OH 45213

KENNEDY ANDREW E & MICHELLE F
3126 PARKVIEW AVE
CINCINNATI OH 45213

KVM6303 PROPERTY LLC
P O BOX 8183
CINCINNATI OH 45208

LATHAN YVONNE
3102 PARKVIEW AVE
CINCINNATI OH 45213-1616

LESTER AND MONTGOMERY APARTMENTS LLC
1055 ST PAUL PLACE
CINCINNATI OH 45202

LEWIS WILLIAM B
3131 PARKVIEW
CINCINNATI OH 45213

LI THOMAS ZOUN LIN
4051 CLIFTON AVE
CINCINNATI OH 45220

LIEBMAN STACEY N
5935 BEARCRAFT AVE
CINCINNATI OH 45213

LOSACKER BRANDON JUSTIN
5980 LESTER ROAD
CINCINNATI OH 45213

LOSANTIVILLE COUNTRY CLUB
3097 LOSANTIVILLE AVE
CINCINNATI OH 45213

MAJESTIC ON THE SQUARE LLC
3163 WOODFORD RD
CINCINNATI OH 45213

MALY TIMOTHY PAUL
5951 LESTER RD
CINCINNATI OH 45213-1607

MATRE JOHN E
5940 BEACRAFT AVE
CINCINNATI OH 45213-1606

MCCONNELL JOAN & DOUGLAS MCCONNELL
3146 PARKVIEW AVE
CINCINNATI OH 45213

MCGRATH CHRISTOPHER
5934 BEACRAFT AVE
CINCINNATI OH 45213

NEISS TIFFANY R &DANIEL P
5958 LESTER RD
CINCINNATI OH 45213-1608

NELSON MARTIN H& APRIL ANN PANDORA
3134 PARKVIEW AVE
CINCINNATI OH 45213

OPPORTUNITY VILLAGE INC
2261 VICTORY PKY
CINCINNATI OH 45206

OSTEHEIMER BIRAN
3127 PARKVIEW AVE
CINCINNATI OH 45213-1615

PLEASANT RIDGEPRESBYTERIAN CHURCH
5950 MONTGOMERY RD
CINCINNATI OH 45213

PRESBYTERIAN CHURCH &CEMETERY
5942 MONTGOMERY RD
CINCINNATI OH 45213

ROHDE VALERIE A & RICHARD J
5927 BEACRAFT AVE
CINCINNATI OH 45213

ROLING ISAAC J
5970 LESTER RD
CINCINNATI OH 45213

ROSS-LANTZ ALLISON L TR
5934-5945 BEARCRAFT AVE
CINCINNATI OH 45213

RUSSELL DENNIS E TRPATRICIA ANN TR
6326 RIDGE RD
CINCINNATI OH 45213

SCHMIDT JOHN DERRIK
3317 E WOODMONT AVE
CINCINNATI OH 45213

SEVEN DAYS THREE THIRTYSIX LLC
7552 MOMTGOMERY RD
CINCINNATI OH 45242

SHIELDS WILLIAM S
3137 PARKVIEW AVE
CINCINNATI OH 45213-1615

SMITH JEREMY D
6221 KINCAID RD
CINCINNATI OH 45213

VENTUS CHARLES O& COURTNEY M KNUDSEN
5966 LESTER RD
CINCINNATI OH 45213-1608

VIERS BRETT D
3110 PARKVIEW AVE
CINCINNATI OH 45213-1616

WELLS ANTHONY D & ELIZABETH H
5963 LESTER RD
CINCINNATI OH 45213

WILKEY JUSTIN A
3134 BELLEWOOD AVE
CINCINNATI OH 45213

WRIGHT LEO G &MARTHA I SIMMONS
3111 PARKVIEW AVE
CINCINNATI OH 45213-1615

Pleasant Ridge Community Council
P.O. Box 128705
Cincinnati, OH 45212

Towne Properties ATTN: Adam Bortz
1055 St. Paul Place
Cincinnati, OH 45202

Pleasant Ridge Development Corporation
P.O. 128705
Cincinnati, OH 45212

September 13, 2022

Cincinnati City Council
Council Chambers, City Hall
Cincinnati, Ohio 45202

Dear Members of Council:

We are transmitting herewith an Ordinance captioned as follows:

> **AMENDING** the official zoning map of the City of Cincinnati to rezone certain real property in the Pleasant Ridge neighborhood located at 6010, 6018, 6024, and 6026 Montgomery Road and 5984 and 5988 Lester Road from the CC-P, "Commercial Community–Pedestrian," and RMX, "Residential Mixed," zoning districts to Planned Development District No. 93, "Montgomery and Lester Development."

The City Planning Commission recommended approval of the zone change at its August 19, 2022 meeting.

Summary:
The petitioner, Towne Properties, in partner with E. Levental Company and the Pleasant Ridge Development Corporation (PRDC), submitted a proposed zone change to a Planned Development, including a Concept Plan and Development Program Statement, to develop a five-story, 82-unit apartment building, consisting of 96 parking spaces, two retail spaces totaling over 6,000 square feet on the ground floor, and multiple residential amenities.

The City Planning Commission recommended the following on August 19, 2022, to City Council:

> **ACCEPT** the Concept Plan and Development Program Statement as submitted;
>
> **ADOPT** the Department of City Planning and Engagement Findings as detailed on page 3-10 of this report; and
>
> **APPROVE** the proposed change the proposed zone change from Commercial Community - Pedestrian (CC-P) and Residential Mixed (RMX) to Planned Development (PD) for 6010-6026 Montgomery Road and 5984-5988 Lester Road in Pleasant Ridge.

Motion to Approve: Mr. Eby

Seconded: Mr. Weber

Ayes: Mr. Eby
Ms. Kearney
Mr. Stallworth
Mr. Weber

THE CITY PLANNING COMMISSION

Katherine Keough-Jurs

Katherine Keough-Jurs, FAICP, Director
Department of City Planning and Engagement

City Business List

ETN

EESW

City of Cincinnati

An Ordinance No. _____ - 2022

AMENDING the official zoning map of the City of Cincinnati to rezone certain real property in the Pleasant Ridge neighborhood located at 6010, 6018, 6024, and 6026 Montgomery Road and 5984 and 5988 Lester Road from the CC-P, "Commercial Community–Pedestrian," and RMX, "Residential Mixed," zoning districts to Planned Development District No. 93, "Montgomery and Lester Development."

WHEREAS, Towne Properties, E. Levental Companies, LLC, and Pleasant Ridge Development Corporation (collectively, "Developer") own or control certain real property located at 6010, 6018, 6024, and 6026 Montgomery Road and 5984 and 5988 Lester Road in the Pleasant Ridge neighborhood ("Property"); and

WHEREAS, the Property currently contains a mix of vacant and improved land, including one single-family home; and

WHEREAS, the Developer seeks to develop the Property by constructing a five-story, mixed-use building housing approximately 82 apartments, residential amenities, and two ground-floor retail spaces totaling more than 6,000 square feet, and served by approximately 96 off-street parking spaces ("Project"); and

WHEREAS, the Developer has sufficient control over the Property to complete the Project and has submitted a petition to rezone the Property from the CC-P, "Commercial Community–Pedestrian," and RMX, "Residential Mixed," zoning districts to Planned Development District No. 93, "Montgomery and Lester Development," to permit the construction of the Project; and

WHEREAS, the Developer has submitted a concept plan and development program statement for the Project, which concept plan and development program statement describe the land use and development regulations that will govern the Project, and which documents otherwise meet the requirements of Cincinnati Municipal Code Section 1429-09; and

WHEREAS, on August 19, 2022, the City Planning Commission approved the rezoning of the Property from the CC-P, "Commercial Community–Pedestrian," and RMX, "Residential Mixed," zoning districts to Planned Development District No. 93, "Montgomery and Lester Development," upon finding that: (i) the Developer's concept plan and development program statement are consistent with applicable plans and policies and are compatible with surrounding development; (ii) the concept plan and development program enhance the potential for superior urban design in comparison with the development under the base district regulations that would apply if the plan were not approved; (iii) deviations from the base district regulations applicable to the Property at the time of the Developer's application are justified by compensating benefits of the concept plan and development program statement; and (iv) the concept plan and development program statement include adequate provisions for utility services, refuse collection, open space, landscaping and buffering, pedestrian circulation, traffic circulation, building design, and building location; and

WHEREAS, a committee of Council held a public hearing on the proposed rezoning of the Property following due and proper notice pursuant to Cincinnati Municipal Code Section 111-1, and the committee approved the rezoning, finding it in the interest of the public's health, safety, morals, and general welfare; and

WHEREAS, the Project is consistent with the "Live" Initiative Area of *Plan Cincinnati* (2012), including the goal to "[p]rovide a full spectrum of housing options, and improve housing quality and affordability" (page 164), and is also consistent with the "Compete" Initiative Area, including the goal to "[c]ultivate our position as the most vibrant and economically healthiest part of our region" (page 114); and

WHEREAS, the Project is further consistent with both the *Pleasant Ridge Urban Design Plan* (2000), including its goals to "[m]aintain an aesthetically attractive, pedestrian oriented, community business district with a desirable mix of uses and businesses" (page 28) and to "[i]ncrease the visual attractiveness of existing and new buildings through improvements to facades, signage, and building appurtenances" (page 28), and the *Pleasant Ridge Community Council Market Study & Vision Plan* (2016 Update), including the goal that the "redevelopment of second tier commercial properties (along Montgomery Road) should be geared toward mixed-use alternatives that increase the local resident population (and the pool of potential business patrons)" (page 18); and

WHEREAS, Council considers the establishment of Planned Development District No. 93, "Montgomery and Lester Development," to be in the best interests of the City and the public's health, safety, morals, and general welfare; now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That the Council hereby adopts as its own independent findings the Department of City Planning and Engagement's and the Cincinnati Planning Commission's findings that the planned development proposed by Towne Properties, E. Levental Companies, LLC, and Pleasant Ridge Development Corporation for the real property located at 6010, 6018, 6024, and 6026 Montgomery Road and 5984 and 5988 Lester Road in the Pleasant Ridge neighborhood ("Property"), which area contains approximately 2.04 acres, conforms to the requirements of Cincinnati Municipal Code Sections 1429-05, 1429-09, and 1429-11.

Section 2. That the shape and area of the City's official zoning map in the location of the Property is hereby amended from the CC-P, "Commercial Community–Pedestrian," and RMX, "Residential Mixed," zoning districts to Planned Development District No. 93, "Montgomery and Lester Development." In addition, the boundaries of Urban Design Overlay District No. 13,

"Pleasant Ridge Business District," are hereby revised to remove the Property from the district for so long as Planned Development District No. 93, "Montgomery and Lester Development," remains in effect. The Property is identified on the map attached hereto as Exhibit "A" and made a part hereof, and it is more particularly described on Exhibit "B," attached hereto and made a part hereof.

Section 3. That the development program statement, attached hereto as Exhibit "C" and made a part hereof, and the concept plan, attached hereto as Exhibit "D" and made a part hereof, are hereby approved. The approved development program statement and concept plan shall govern the use and development of the Property during the effective period of Planned Development District No. 93, "Montgomery and Lester Development."

Section 4. That, should Planned Development District No. 93, "Montgomery and Lester Development," lapse pursuant to provisions of Cincinnati Municipal Code Chapter 1429, "Planned Development Districts," the Property shall revert to the CC-P, "Commercial Community–Pedestrian," and RMX, "Residential Mixed," zoning districts in effect immediately prior to the effective date of Planned Development District No. 93, "Montgomery and Lester Development," and additionally, the boundaries of Urban Design Overlay District No. 13, "Pleasant Ridge Business District," shall revert to the same boundaries in effect immediately prior to the effective date of Planned Development District No. 93, "Montgomery and Lester Development."

Section 5. That this ordinance shall take effect and be in force from and after the earliest period allowed by law.

Passed: _____, 2022

_____
Aftab Pureval, Mayor

Attest: _____
Clerk

city of CINCINNATI
Interdepartment Correspondence Sheet

September 13, 2022

To: Mayor and Members of City Council 202201674

From: John P. Curp, Interim City Manager

Subject: Ordinance – Urban Parking Overlay District #3, West End

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Transmitted is an Ordinance captioned:

> **ESTABLISHING** Urban Parking Overlay District #3, "West End," in the West End neighborhood as an urban parking overlay district to eliminate minimum off-street parking requirements in the area.

The City Planning Commission recommended approval of this district at its August 19, 2022 meeting.

Summary:
In 2013, Cincinnati City Council approved text amendments to the Cincinnati Zoning Code to allow for the creation of Urban Parking Overlay Districts that would make it possible for City Council to eliminate minimum parking requirements in the areas it determines to be appropriate.

The West End Community Council formally requested an Urban Parking Overlay District for the West End business district in April of 2022. The opportunities for redevelopment in the West End are numerous and a major focus of the community. The minimum parking requirements have become a barrier to development in this high-density, mixed-use neighborhood. These requirements do not promote a mixed-use, walkable neighborhood.

The existing minimum parking regulations emphasize suburban development patterns, obstruct the renovation and rehabilitation of existing buildings, and endanger the urban fabric and historic character of the West End, by attempting to provide parking for all vehicles. The proposed elimination of minimum off-street parking requirements removes an obstacle to the redevelopment of the West End and can help create and maintain the urban form desired in the West End.

The proposal is consistent with *Plan Cincinnati* (2012) and the *West Ends Speaks Plan* (2016).

The City Planning Commission recommended the following on August 19, 2022, to City Council:

> **APPROVE** the proposed map amendment to add Urban Parking Overlay District #3: "West End", as outlined in § 1425-04 - Urban Parking Overlay Districts in the Cincinnati Zoning Code, to a portion of the West End.

cc: Katherine Keough-Jurs, FAICP, Director, Department of City Planning and Engagement

ESTABLISHING Urban Parking Overlay District #3, "West End," in the West End neighborhood as an urban parking overlay district to eliminate minimum off-street parking requirements in the area.

WHEREAS, the West End neighborhood contains a high-density, mixed-use, urban environment that promotes and encourages walkability and provides the foundation for a healthy and attractive neighborhood; and

WHEREAS, minimum off-street parking requirements increase the cost of redevelopment and therefore pose a major obstacle to redevelopment, the reutilization of existing buildings, and the conversion of existing buildings to more productive uses within the West End neighborhood; and

WHEREAS, eliminating minimum off-street parking requirements in certain designated areas of the West End neighborhood will encourage and promote redevelopment that strengthens the desirable characteristics of the urban neighborhood; and

WHEREAS, the proposed urban parking overlay district applies only to off-street parking regulations and will not affect the off-street loading requirements of the Cincinnati Municipal Code; and

WHEREAS, the City Planning Commission at its regularly scheduled meeting on August 19, 2022 affirmatively recommended that the City Council establish an urban parking overlay district within the West End neighborhood to eliminate minimum off-street parking requirements within that area; and

WHEREAS, a committee of Council held a public hearing on the proposed urban parking overlay district following due and proper notice pursuant to Cincinnati Municipal Code Section 111-1, and the committee approved the establishment of an urban parking overlay district within the West End neighborhood, finding it in the interest of the general public's health, safety, and welfare; and

WHEREAS, the Council finds that establishing an urban parking overlay district within the West End neighborhood is consistent with *Plan Cincinnati* (2012), including: Goal 1 in the Compete Initiative Area to "[f]oster a climate conducive to growth, investment, stability, and opportunity," (page 103); the Strategy under Goal 2 in the Live Initiative Area to "[b]ecome more walkable" by "increas[ing] mixed-use, compact walkable development throughout the basin and uptown, surrounding our centers of activity, and along transit corridors" and revising "the City's Building and Zoning Codes...with standards that emphasize traditional neighborhood development over suburban development," (page 157); and the Strategy under Goal 2 of the Sustain Initiative Area to "[p]reserve our built history," which specifically recommends that the City "[d]evelop

changes to zoning regulations to remove barriers to the adaptive reuse of buildings," (page 197); and

WHEREAS, the Council finds that establishing an urban parking overlay district within the West End neighborhood is consistent with the *West End Speaks Plan* (2016), as Linn Street is identified as the neighborhood center of activity, and the urban parking overlay would align with areas identified by the neighborhood in the Future Land Use map for neighborhood mixed use and pedestrian mixed use (page 31); and

WHEREAS, the Council further finds that the proposed urban parking overlay district is in the interest of the public's health, safety, and general welfare; now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That, pursuant to Cincinnati Municipal Code Section 1425-04, the area of the City of Cincinnati's official zoning map shown on the map attached hereto as Exhibit A and incorporated by reference is hereby amended to superimpose Urban Parking Overlay District #3, "West End," over the existing zoning districts within the designated area.

Section 2. That Cincinnati Municipal Code Sections 1425-03, 1425-05, 1425-07, 1425-09, 1425-11, 1425-13, 1425-17, 1425-19, 1425-21, and 1425-23 are hereby declared inoperable in Urban Parking Overlay District #3, "West End," to the extent they require the establishment, provision, or maintenance of off-street parking requirements. That Cincinnati Municipal Code Sections 1425-03, 1425-05, 1425-07, 1425-09, 1425-11, 1425-13, 1425-17, 1425-19, 1425-21, and 1425-23 shall continue to have an operative effect in Urban Parking Overlay District #3, "West End," to the extent they require the establishment, provision, or maintenance of loading facilities.

Section 3. That this ordinance shall take effect and be in force from and after the earliest period allowed by law.

Passed: _____, 2022

_____
Aftab Pureval, Mayor

Attest: _____
Clerk

Honorable City Planning Commission **August 19, 2022**
Cincinnati, Ohio

SUBJECT: A report and recommendation on a proposed map amendment to add Urban Parking Overlay District #3: "West End", as outlined in § 1425-04 - Urban Parking Overlay Districts in the Cincinnati Zoning Code, to a portion of the West End.

EXHIBITS:
Provided in addition to this report are the following exhibits:

- Exhibit A Location Map
- Exhibit B Request for Urban Parking Overlay District
- Exhibit C Additional Correspondence

BACKGROUND:
On August 7, 2013, Cincinnati City Council approved Ordinance 259-2013 for text amendments to the Cincinnati Zoning Code (CZC) to modify Chapter 1425, "Parking and Loading Regulations" to create Urban Parking Overlay Districts to make it possible for City Council to eliminate minimum parking requirements in the areas it determines to be appropriate. § 1425-04 of the CZC, that allows City Council to establish Urban Parking Overlay Districts within which the provisions of Sections 1425-03, 1425-05, 1425-07, 1425-09, 1425-11, 1425-13, 1425-17, 1425-19, 1425-21, and 1425-23 of the Zoning Code, do not apply.

On April 22, 2022, the West End Community Council formally requested an Urban Parking Overlay District for the West End business district. The West End business district is defined as Linn Street, between Court Street and York Street; this area is labeled as the *Study Area* in Exhibit A. The proposal is for a map amendment to create Urban Parking Overlay District #3, "West End", in a portion of the West End, as an overlay district to eliminate all off-street parking requirements in the area within the Overlay District, except for the physical location of parking, should any be provided. Within their request, the West End Community Council asked that the City explore the feasibility of making the overlay district applicable to retail and commercial development projects while excluding any development projects with residential housing. This would require both a map amendment and a text amendment to the Zoning Code which is a different process as amendments to the Zoning Code are applied City-wide.

Staff from the Department of City Planning and Engagement coordinated with the applicant regarding the proposed map amendment. The proposed boundary of the Urban Parking Overlay District is indicated in Exhibit A and contains most of the property on Linn Street that is zoned Commercial Community – Auto (CC-A) and Commercial Neighborhood – Mixed (CN-M). These areas were identified by the neighborhood in the Future Land Use map within the *West End Speaks Plan* (2016) as areas for neighborhood mixed use and pedestrian mixed use. The northwest corner of Ezzard Charles Drive and Linn Street, zoned Residential Multi-family (RM-1.2), has also been included as the community sees the property as a development opportunity within the neighborhood.

PUBLIC COMMENT:
A public staff conference was held on July 26, 2022. Notice was sent to property owners within the proposed Urban Parking Overlay District, property owners within 400-feet of the proposed district, and the West End Community Council. Eight members of the public attended the public staff

conference in addition to the president and vice president of the West End Community Council and City staff. Representatives from the community council shared their interest to spur development in the business district and stated that parking requirements were considered a barrier to development. Attendees were generally in support of the proposal to eliminate minimum parking requirements in the business district.

Property owners within the proposed Urban Parking Overlay District, property owners within 400-feet of the proposed district, and the West End Community Council were also notified of the City Planning Commission meeting. The West End Community Council and the West End Neighborhood Development Corporation submitted letters of support for a new business seeking relief from minimum parking requirements (Exhibit C). Staff has not received any additional correspondence.

ANALYSIS:

The opportunities for redevelopment in the West End are numerous and a major focus of the community. The minimum parking requirements have become a barrier to development in this high-density, mixed-use neighborhood. These requirements do not promote a mixed-use, walkable neighborhood. In an effort to spur development interests in their business district and provide more amenities in the neighborhood, the West End Community Council has requested an Urban Parking Overlay District.

The West End is a dense, urban environment that promotes and encourages walkability. *Plan Cincinnati* (2012) supports the enhancement and increase of compact and walkable development. The existing minimum parking regulations emphasize suburban development patterns, obstruct the renovation and rehabilitation of existing buildings, and endanger the urban fabric and historic character of the West End, by attempting to provide parking for all vehicles. The proposed elimination of minimum off-street parking requirements removes an obstacle to the redevelopment of the West End and can help create and maintain the urban form desired in the West End.

CONSISTENCY WITH PLANS:

Plan Cincinnati (2012)

The proposal is consistent with the Compete and Live Initiative Areas of *Plan Cincinnati* (2012). Within the Compete Initiative Area, the proposal is consistent with the Goal to "Foster a climate conducive to growth, investment, stability, and opportunity" (p. 103). This aligns directly with the West End Community Council's intent to spur development interests in the business district.

Within the Live Initiative Area is a strategy to become more walkable by "increasing mixed-use, compact walkable development throughout the basin and uptown, surrounding our centers of activity, and along transit corridors" (p. 157). *Plan Cincinnati* (2012) further recommends a short-range initiative to "Revise the City's Building and Zoning Codes […] with standards that emphasize traditional neighborhood development over suburban development" (p. 157) and to "Develop changes to zoning regulations to remove barriers to the adaptive reuse of buildings" (p. 197).

West End Speaks Plan (2016)

The proposal is also consistent with the *West End Speaks Plan* (2016) as Linn Street is identified as the neighborhood center of activity. The proposed overlay would align with areas identified by the neighborhood in the Future Land Use map for neighborhood mixed use and pedestrian mixed use (p.31).

RECOMMENDATION:

The staff of the Department of City Planning and Engagement recommends that the City Planning Commission take the following action:

> **APPROVE** the proposed map amendment to add Urban Parking Overlay District #3: "West End", as outlined in § 1425-04 - Urban Parking Overlay Districts in the Cincinnati Zoning Code, to a portion of the West End.

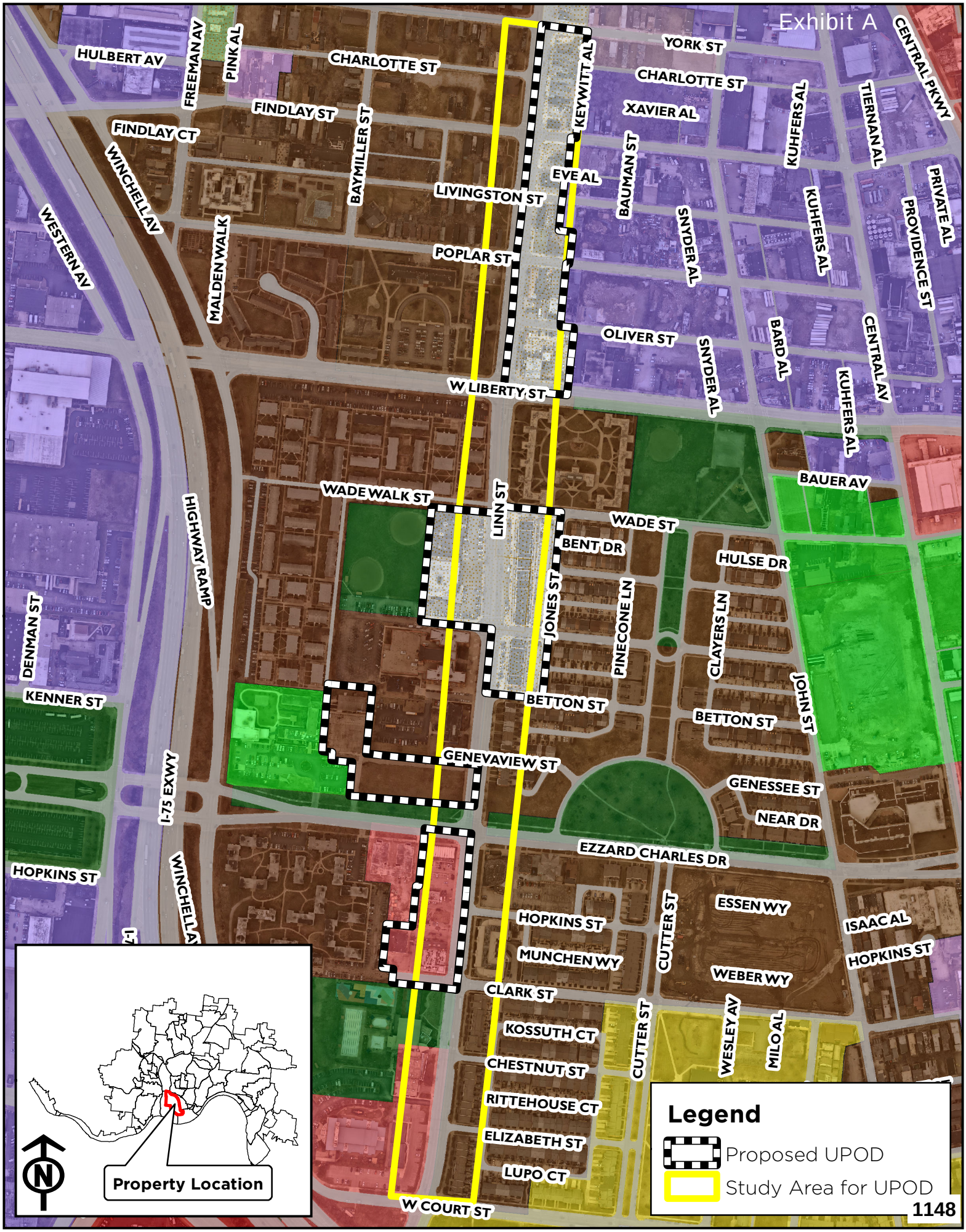
Respectfully Submitted:

Stacey Hoffman, Senior City Planner
Department of City Planning & Engagement

Approved:

Katherine Keough-Jurs, FAICP, Director
Department of City Planning & Engagement

Proposed Urban Parking Overlay District in the West End



West End
Community Council
PO Box 14424
Cincinnati, Ohio 45250

Date: 4/22/2022
Subject: West End Community Council Support for Urban Parking Overlay in Business District

On April 19, 2022, the West End Community Council general body voted to request that the City of Cincinnati establish an Urban Parking Overlay (UPO) for the West End business district (defined as Linn Street from Court Street to York Street). The passed motion also included a request for the City of Cincinnati to explore the feasibility of making the new UPO applicable to retail and commercial development projects while excluding any development projects with residential housing.

Please accept this notice as full documented support from the West End Community Council for an Urban Parking Overlay on Linn Street from Court St. to York Street.

Respectfully,

Chris Griffin
President, West End Community Council

West End
Community Council
PO Box 14424
Cincinnati, Ohio 45250

Date: 10/13/2021
Notice: West End Community Council Motion to Support the West End Sports Bar & Grill

On October 12, 2021, the West End Community Council Executive Board unanimously voted to approve a motion to support A) the West End Sports Bar & Grill project at 1726 Linn Street; B) the project's creation of a rooftop outdoor restaurant-and-bar space; and C) the removal of any dedicated parking-space requirements. The Executive Board's recommended support for the project was then presented to the West End Community Council general body for their vote.

On October 19, 2021, the West End Community Council general body unanimously voted to approve a motion to support A) the West End Sports Bar & Grill project at 1726 Linn Street; B) the project's creation of a rooftop restaurant and bar outdoor space; and C) the removal of any dedicated parking-space requirements.

Please accept this notice as full documented support from the West End Community Council for the West End Sports Bar & Grill project; its creation of a rooftop space; and the removal of dedicated parking requirements.

Respectfully,

Chris Griffin
President, West End Community Council

WEST END NEIGHBORHOOD DEVELOPMENT CORPORATION

Ashley J. Cook
West End Neighborhood Development Corporation
2008 Freeman Ave
Cincinnati, Ohio 45214

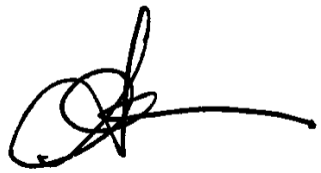
September 11th, 2021

Chris Griffin
West End Community Council
PO Box 14424
Cincinnati, Ohio 45250

Dear President Griffin,

On September 9th, 2021, the West End Neighborhood Development Corporation board of directors voted to support the establishment of the West End Sports Bar & Grill at 1726 Linn Street, Cincinnati, OH 45214. We believe this major investment is appropriate for the following reasons: stabilize a blighted area, create needed jobs, increase food options, create a new event space, and add a minority-owned business in our community. We are excited to offer our full support to this important project. Please accept this letter of support as the public position of the official Community Development Corporation (CDC) of the West End.

Best regards,



Ashley J. Cook
President
West End Neighborhood Development Corporation
www.westendcdc.org

AVERY 5160 | Easy Peel Address Labels | Go to avery.com/templates
Bend along line to expose Pop-up Edge | Use Avery Template 5160

1061 PROP 2 LLC
7804 CLOVERIDGE CT
CINCINNATI, OH 45244

1900 BAYMILLER LLC
1407 GRAND AVE
NEWPORT, KY 41071

443 DAYTON ST LLC
7373 BEECHMONT AVE
CINCINNATI, OH 45230

579 BLAIR LLC c/o RAW PROPERTY MANAGEMENT
5535 COLERAIN AVE
CINCINNATI, OH 45239

821 FLATS LLC
821 EZZARD CHARLES DR
CINCINNATI, OH 45203

ABIGAIL APARTMENTS LTD PARTNERSHIP
21 W 13TH ST, SUITE 100
CINCINNATI, OH 45202

ACKERMAN, VAN
1085 CUTTER ST
CINCINNATI, OH 45203

ADNIL SEMLOH PROPERTIES LLC
8175 REMINGTON RD
CINCINNATI, OH 45242

AGUIRRE, NORAMBUENA JAVIERA
717 EZZARD CHARLES DR
CINCINNATI, OH 45203

ALEXANDER, STEVEN
4746 HOWARD AVE
CINCINNATI, OH 45223

ALLEN, ANTONIO
406 CLINTON SPRINGS AVE
CINCINNATI, OH 45217-1974

ALLEN, JAMES & FREDA
4221 S SHORE DR
MASON, OH 45040-8790

ALONSO, ROBERTO & NAZLY MAMEDOVA
726 WEST COURT ST
CINCINNATI, OH 45203

AMED ENTERPRISES LLC
2734 WHEATFIELD DR
CINCINNATI, OH 45251

ANGELES, MARIA ANDRES
1399 WEST GALBRAITH RD
CINCINNATI, OH 45231

APPLETON, KEVIN & KIRK
4683 HAMILTON AVE
CINCINNATI, OH 45223

ARCHBISHOP OF CINCINNATI TR
745 EZZARD CHARLES DR
CINCINNATI, OH 45203

ASK DEVELOPMENT LLC
838 DAYTON ST
CINCINNATI, OH 45214

BALLARD, ALLISON
526 YORK ST
CINCINNATI, OH 45214

BATES, EUGENIA
813 DAYTON ST
CINCINNATI, OH 45214

BATES, GERALD & LINDA
837 DAYTON ST
CINCINNATI, OH 45214-2225

BEAMS OF HEAVEN BAPTIST CHURCH
449 DAYTON ST
CINCINNATI, OH 45214

BH NEW ARTS LP
8902 N MERIDAN ST, SUITE 205
INDIANAPOLIS, IN 46260

BIDDINGER, JOHN
P O BOX 141213
CINCINNATI, OH 45250

BINFORD, REGGIE
1777 ELMORE ST
CINCINNATI, OH 45223

BLIZZARD, JOSEPH & JENNIFER ST JOHN
1105 CUTTER ST
CINCINNATI, OH 45203

BOARD OF EDUCATION OF CINCINNATI PUBLIC SCHOOLS
PO BOX 5384
CINCINNATI, OH 45201-5384

BORNICK, STEPHANIE
1441 LAUREL PARK DR
CINCINNATI, OH 45214

BOUDINOT REAL ESTATE LLC
8643 RUPP FARM DR
WEST CHESTER, OH 45069

BRAY CONSTRUCTION SERVICES INC
7000 THELMA LEE DR, #100
ALEXANDRIA, KY 41001

Pat: avery.com/patents | Étiquettes d'adresse Easy Peel | Allez à avery.ca/gabarits
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BRIGGS, ROBERT & KELLY WALDROP
1113 CUTTER ST
CINCINNATI, OH 45203

BRIGHT STAR BAPTIST CHURCH
809 CHARLOTTE ST
CINCINNATI, OH 45214

BUSSEY, LISA
PO BOX 14052
CINCINNATI, OH 45250

BUTLER, JOSEPH
569 DUTCH COLONY
CINCINNATI, OH 45232

CANADY, GERALDINE
1818 LINN ST
CINCINNATI, OH 45214-2229

CENTER FOR ADDICTION TREATMENT
830 EZZARD CHARLES DRIVE
CINCINNATI, OH 45214

THE CHRISTOPHER & KIMBERLY
HALE-MCCARTY TRUST
838 DAYTON ST
CINCINNATI, OH 45214

CINCINNATI COLLEGE
PREPARATORY ACADEMY
1413 LINN ST
CINCINNATI, OH 45214

CINCINNATI METROPOLITAN
HOUSING AUTHORITY
1635 WESTERN AVE
CINCINNATI, OH 45214

CINCINNATI PRESERVATION
ASSOCIATION
430 READING ROAD, SUITE 300
CINCINNATI, OH 45202

CINCINNATI-HAMILTON COUNTY
COMMUNITY ACTION AGENCY
1740 LANGDON FARM
CINCINNATI, OH 45237

CLEROY ENTERPRISES LLC
P O BOX 6979
CINCINNATI, OH 45206

COLEMAN, GLORIA
1121 CUTTER ST
CINCINNATI, OH 45203

COLEMAN, LEONARD SR
830 LIVINGSTON ST
CINCINNATI, OH 45214-2251

COMBS, MICHAEL & GINA
1211 SCHNEIDER ESTATE DR
NEW RICHMOND, OH 45157

COMMUNITY LAND CO OP OF
CINCINNATI
727 EZZARD CHARLES DR
CINCINNATI, OH 45203

CRN PROPERTIES LLC
11711 PRINCETON PIKE, SUITE 341-331
CINCINNATI, OH 45246

DALLAS TWENTY LLC
4441 GLENWAY AVE
CINCINNATI, OH 45205

DANIELS, DAVID
846 POPLAR ST
CINCINNATI, OH 45214-2520

DANIELS, HERMAN
1447 LAUREL PARK DR, UNIT #42C
CINCINNATI, OH 45214

DANIELS, DAVID & BETTY
816 POPLAR ST
CINCINNATI, OH 45214-2520

DONATIONSYOURWAY.COM LLC
1701 VINE ST
CINCINNATI, OH 45202

DOWNTOWN PROPERTY MGMT INC
8322 ARBORCREST DR
CINCINNATI, OH 45236

ELLISON, RAYMOND JR
820 YORK ST
CINCINNATI, OH 45214-2236

FERGUSON, MICHAEL
1093 CUTTER ST
CINCINNATI, OH 45203

FORD, ANNIE
816 FINDLAY ST
CINCINNATI, OH 45214-2237

FREAKY FAST HOMEBUYERS LLC
627 2ND AVENUE SOUTH
NASHVILLE, TN 37210

FRIERSON, DERRICK & AISHA
1333 HOLLYWOOD AVE
CINCINNATI, OH 45224

GATES, PHYLLIS
1429 LAUREL PARK DR
CINCINNATI, OH 45214

GAYLE, ANTWAN
71 W LESLIE AVE
CINCINNATI, OH 45215

GMB PROPERTIES LLC
836 YORK ST
CINCINNATI, OH 45214

GOODWIN, LYNN & DEBORAH
3645 CANYON DR
CINCINNATI, OH 45217

GOSALIA, PARAS & MEERA KOTHARI
1201 CUTTER STREET
CINCINNATI, OH 45203

GREENELINK LLC
222 CALLE CORTEZ
SAN CLEMENTE, CA 92672

GROVES, SHEA
840 YORK STREET
CINCINNATI, OH 45202

H L JONES CONSTRUCTION LLC
3351 WEST FORK RD
CINCINNATI, OH 45211

HALL, MICHAEL TR
PO BOX 36008
CINCINNATI, OH 45236

HALL, ROBERT JR
830 POPLAR ST
CINCINNATI, OH 45214-2520

HAMILTON COUNTY LAND
REUTILIZATION CORPORATION
3 E 4TH ST, SUITE 300
CINCINNATI, OH 45202

HARMON, JON J & KAREN AERTS
1089 CUTTER ST
CINCINNATI, OH 45203

HARMON, THELMA @4
807 DAYTON ST
CINCINNATI, OH 45214

HAUSTERLING DEVELOPMENT GROUP
3874 PAXTON AVE, #9303
CINCINNATI, OH 45209

HAYES, WILLA
814 LIVINGSTON AVE
CINCINNATI, OH 45214

HILL, JOHNSON & FELISHA
707 EZZARD CHARLES DR
CINCINNATI, OH 45203

HISTORIC DAYTON LLC
424 LIBERTY HILL
CINCINNATI, OH 45215

HISTORIC LIMITED LIABILITY COMPANY
2575 QUEEN CITY AVE
CINCINNATI, OH 45238

HL JONES CONSTRUCTION LLC
3351 WESTFORK RD
CINCINNATI, OH 45211

HOELKER, BRIAN
1015 CUTTER ST
CINCINNATI, OH 45203

HOUSTON, ROBERT & TASHA
822 YORK ST
CINCINNATI, OH 45214

HOWARD, MARILYN
1117 CUTTER ST
CINCINNATI, OH 45203

HOWZE, KEVION
3519 STACEY AVE, APT 2
CINCINNATI, OH 45207

HUMMINGBIRD VARIETY MARKET LLC
1707 WILLIAM HOWARD TAFT RD
CINCINNATI, OH 45206

IRONSMITH DEVELOPMENT LLC
11127 CENTENNIAL AVE
CINCINNATI, OH 45242

JACKSON, GREGORY & YOLANDA
835 YORK ST
CINCINNATI, OH 45214

JACKSON, MICHAEL SR
2439 KREMER AVE
CINCINNATI, OH 45225

JAMISON, RUBY
6819 STEWART RD
CINCINNATI, OH 45236

JBJ LAND DEVELOPMENTS LLC
1432 RACE ST, UNIT 303
CINCINNATI, OH 45202

JETER, CALVIN
718 W COURT ST
CINCINNATI, OH 45203

JOHNSON, WILLIE LEE
6418 RED BANK RD
CINCINNATI, OH 45213

JONES, CLAYTON & INGRID
815 DAYTON ST
CINCINNATI, OH 45209

JONES, HOWARD
3351 WEST FORK RD
CINCINNATI, OH 45211

JONES, TIMOTHY
1207 CUTTER ST
CINCINNATI, OH 45203

KAISER PROPERTIES-YORK LTD
500 YORK ST
CINCINNATI, OH 45214

KALVIN, AARON & KYLIE ROULET
1109 CUTTER ST
CINCINNATI, OH 45203

KBMC PROPERTIES LLC
8636 DORIS PLACE
CLEVES, OH 45002

KENDRICK, CRYSTAL
811 DAYTON ST
CINCINNATI, OH 45214

KENT, EDWARD
818 YORK ST
CINCINNATI, OH 45214

KFJ REALTY GROUP LLC
1125 WAYCROSS RD
CINCINNATI, OH 45240

KIENZLE, KERRI
1023 CUTTER ST
CINCINNATI, OH 45203

KIMBER, JOSHUA & JERIN MCINTOSH
1906 BAYMILLER ST
CINCINNATI, OH 45214

KING, MATTHEW & SHERRI KEYES BARBER
829 DAYTON ST
CINCINNATI, OH 45214

KIRBY, BARRY
5178 CROOKSHANK RD
CINCINNATI, OH 45238

KISTNER, JAMES M III & LECHAE NELSON
1902 BAYMILLER ST
CINCINNATI, OH 45214

KLEINHENZ, JAY & KATYA LAMBO
1203 CUTTER ST
CINCINNATI, OH 45203

KMRR PROPERTIES LLC
1598 GLEN PARKER AVE
CINCINNATI, OH 45223

KOENIG, KEVIN
1451 LAUREL PARK DR
CINCINNATI, OH 45214

LAVIE ESTATE LLC
4212 BADGELEY CIR
CINCINNATI, OH 45223

LAWS, BOBBIE
8794 ZODIAC DR
CINCINNATI, OH 45231

S&K AUTO UPHOLSTERY
519 LIVINGSTON ST
CINCINNATI, OH 45214

LAWS, SHAWN
516 POPLAR ST
CINCINNATI, OH 45214

LAWS, SHAWN
8794 ZODIAC DR
CINCINNATI, OH 45231

LEAVELL, CANDICE
714 W COURT ST
CINCINNATI, OH 45203

LEWIS, LYDA
1043 CUTTER ST
CINCINNATI, OH 45203

LINDEMANN, RAYMOND & CONNIE
5418 PLOVER LN
CINCINNATI, OH 45238

LINGO, STACIA & NATHAN FACE
1019 CUTTER ST
CINCINNATI, OH 45203

LKH VICTORY CORP
1425 LINN ST
CINCINNATI, OH 45214

LONG, RONALD & KENNETH HILL
1807 GARDEN LN
CINCINNATI, OH 45237

LOSANTIVILLE BUILDINGS LLC
21 W 13TH ST, SUITE 100
CINCINNATI, OH 45202

LUU, OANH THI-THUY
1137 CUTTER ST
CINCINNATI, OH 45203

M & K PROPERTY INVESTMENTS LLC
245 SPRINGFILED PIKE
CINCINNATI, OH 45215

MAGNOLIA HEIGHTS LTD PARTNERSHIP
21 W 13TH ST, SUITE 100
CINCINNATI, OH 45202

MARK ONE INVESTMENTS LTD
7715 ROCK HILL LN
CINCINNATI, OH 45243-4042

McCARREN, TIMOTHY & LINDSAY
1065 CUTTER ST
CINCINNATI, OH 45203

McCARTY, CHRISTOPHER
& KIMBERLY TR
838 DAYTON ST
CINCINNATI, OH 45214

McCLURE, GLEN
522 POPLAR ST
CINCINNATI, OH 45214

McCREARY, NATASHA
1437 LAUREL PARK DR
CINCINNATI, OH 45214

McKINNEY, ZAKIA TR
P O BOX 37017
CINCINNATI, OH 45222

MDB REAL ESTATE THREE LLC
1564 GEORGETOWN RD
LOVELAND, OH 45140

MEADE, JOHN & COARTNEY
730 W COURT ST
CINCINNATI, OH 45203

MEATCHEM, MARY LOU & STANLEY
813 FINDLAY ST
CINCINNATI, OH 45214-2238

MEATCHEN, ANTIONETTE
839 DAYTON ST
CINCINNATI, OH 45214

MICKEY, JASON
1205 CUTTER ST
CINCINNATI, OH 45203

MILLER, NATHANIEL TR
109 E UNIVERSITY
CINCINNATI, OH 45219

MILLER, NORMAN & MARTHA TR
7413 WILLOWBROOK LN
CINCINNATI, OH 45237-2225

MOORE, DARLENE
722 W CT
CINCINNATI, OH 45202

MRCD SYNERGIES LLC
544 W LIBERTY ST
CINCINNATI, OH 45214

MUI, ENGY
715 EZZARD CHARLES DR
CINCINNATI, OH 45203

N EFFECT PROPERTIES LLC
518 W LIBERTY ST
CINCINNATI, OH 45214

NICHOLAS HOLDINGS LLC
838 DAYTON ST
CINCINNATI, OH 45214

NIXSON, DONAN
532 FINDLAY ST
CINCINNATI, OH 45214

NIXSON, RONNIE
534 YORK STREET
CINCINNATI, OH 45214

OAKLEAF REALTY COMPANY
5966 STEWART RD
CINCINNATI, OH 45227

ORI ASSOCIATES LLC
8322 ARBORCREST DR
CINCINNATI, OH 45236

ORTEGO, SYBIL T TR
816 DAYTON ST
CINCINNATI, OH 45214

PALLIN, TIMOTHY & KENDRA
NORTHGARD
1810 BAYMILLER ST
CINCINNATI, OH 45214

PARK TOWN CO-OP HOMES
858 WADE WALK
CINCINNATI, OH 45214

PEREZ, DE LA ROSA BORIS & KATELYN
1125 CUTTER ST
CINCINNATI, OH 45203

PETERSEN, DAVID & ROSALIND
808 DAYTON ST
CINCINNATI, OH 45214-2226

PETERSON, RANDY
1217 CUTTER, #201
CINCINNATI, OH 45203

PETTIS PROPERTIES LLC
940 POPLAR ST, #210
CINCINNATI, OH 45214

PETTIS PROPERTIES LLC
c/o MATTIE BALLARD
1804 FREEMAN AVE
CINCINNATI, OH 45214

PORT OF GREATER CINCINNATI
DEVELOPMENT AUTHORITY
3 EAST FOURTH ST, SUITE 300
CINCINNATI, OH 45202

PORTER, SHIRLEY SHIELDS
PO BOX 40523
CINCINNATI, OH 45240

PROPERTY INVESTMENTS LLC
7416 MONTGOMERY RD
CINCINNATI, OH 45236

PUBLIC LIBRARY OF CINTI
& HAMILTON COUNTY
800 VINE ST
CINCINNATI, OH 45202

PURE DEVELOPMENT GROUP LLC
6220 ERIE AVE
CINCINNATI, OH 45227

RAGAN, CAROL
1023 SCHUMARD AVE
CINCINNATI, OH 45215

RB ENTERPRISE ONE INC
5426 EHRLING RD
CINCINNATI, OH 45227

RHODES, IRWIN
3815 ERIE AVE
CINCINNATI, OH 45208

RICE, DOUGLAS
734 W COURT ST
CINCINNATI, OH 45203

RONIN RENOVATIONS LLC
4950 RALPH AVE
CINCINNATI, OH 45238

RUSSELL, DANIEL
1439 LAUREL PARK DR
CINCINNATI, OH 45214

RUTLAND, MARTIN
545 CAMDEN AVE
CINCINNATI, OH 45229

SALAZAR, CHRISTIAN
831 YORK ST
CINCINNATI, OH 45214

SALAZAR, FAUSTO
809 DAYTON ST
CINCINNATI, OH 45214

SAYANI, SAADIQ
710 WEST COURT ST
CINCINNATI, OH 45203

SETTEMBRINI, MICHAEL
1069 CUTTER AVE
CINCINNATI, OH 45203

SHAMMA, MOHAMMED
7855 LOVELAND MADEIRA RD
CINCINNATI, OH 45243

SHANNON, ALLEN
2333 VINE ST
CINCINNATI, OH 45219

SHERMAN, DAVID
819 DAYTON ST
CINCINNATI, OH 45214

SIMS, DARRYL
2822 VIKI TE
CINCINNATI, OH 45211

SIMS, DEBORAH &
KENNETH EUBANKS
828 FINDLAY ST
CINCINNATI, OH 45214-2237

ST MARK OUTREACH CENTER
820 EZZARD CHARLES DR
CINCINNATI, OH 45214

STATE OF OHIO DEPT OF
TRANSPORTATION
505 S STATE ROUTE 741
LEBANON, OH 45036

STEAGALL, KENNETH
1858 BERKLEY AVE
CINCINNATI, OH 45237

STEEZO MGMT INVESTMENTS &
CONSTRUCTION LLC
1254 SWEETWATER DR
CINCINNATI, OH 45215

STEHLIN, MICHAEL
1222 RACE ST
CINCINNATI, OH 45202

STEWART, JUDITH
1449 LAUREL PARK DR
CINCINNATI, OH 45214

STYLES, STERLIN & MISHAWN
1081 CUTTER ST
CINCINNATI, OH 45203

SWANKE, LESLIE & BRIDGET DOHERTY
1011 CUTTER ST
CINCINNATI, OH 45203

SYMS, DARRYL
823 YORK ST
CINCINNATI, OH 45214

TARTAN HOLDINGS LLC
838 DAYTON ST
CINCINNATI, OH 45214

TENDER MERCIES INC
27 WEST 12TH ST
CINCINNATI, OH 45202

TOWNSEND, ALICIA & TYRONE
1129 CUTTER ST
CINCINNATI, OH 45203

UPSHAW, HUTCHENS
ROOM 122 CITY HALL
CINCINNATI, OH 45202

VINA REAL-ESTATE
INVESTMENT GROUP LLC
P O BOX 32183
CINCINNATI, OH 45232

WALKER, JEAN
833 DAYTON ST
CINCINNATI, OH 45214

WALKER, MARY
967 WELLS AVE
CINCINNATI, OH 45205

WARREN WEST LLC
11306 TERWILLIGERSKNOLL CT
CINCINNATI, OH 45249

WELCOME HOME COLLABORATIVE
PO BOX 141153
CINCINNATI, OH 45250

WEST CINCINNATI
PRESBYTERIAN CHURCH
1708 BAYMILLER ST
CINCINNATI, OH 45214

WEST END CINCINNATI
VICTORY PARTNERS LLC
1105 ELM ST, METRO OFFICE 3RD FL
CINCINNATI, OH 45202

WEST END COMMUNITY CHURCH
3503 ALEC DR
FAIRFIELD, OH 45014

WEST END COMMUNITY CHURCH INC
11888 HELMSBURG CT
CINCINNATI, OH 45240

WEST END COMMUNITY COUNCIL
P.O. BOX 14424
CINCINNATI, OH 45250

WHITE, PAUL
812 CHARLOTTE SQ
CINCINNATI, OH 45214

WHITFIELD, MARCUS
826 FINDLAY STREET
CINCINNATI, OH 45214

WILLIAMS, RODNEY
1443 LAUREL PARK DR
CINCINNATI, OH 45214

WINTON HILLS MEDICAL
AND HEALTH CENTER INC
5275 WINNESTE AVE
CINCINNATI, OH 45232

WRIGHT, GARY
11941 HAMDEN DR
CINCINNATI, OH 45240

YAHSRAAL, DONAN
534 YORK ST
CINCINNATI, OH 45214

YAHSRAAL, DONAN
532 FINDLAY ST
CINCINNATI, OH 45214

YORK STREET UNITED
METHODIST CHURCH
816 YORK ST
CINCINNATI, OH 45214

YOUNG, BARBARA
4625 CORYDON RIDGE NE RD
CORYDON, IN 47112

ZHANG, YUANHANG
1077 CUTTER ST
CINCINNATI, OH 45203

September 13, 2022

Cincinnati City Council
Council Chambers, City Hall
Cincinnati, Ohio 45202

Dear Members of Council:

We are transmitting herewith an Ordinance captioned as follows:

> **ESTABLISHING** Urban Parking Overlay District #3, "West End," in the West End neighborhood as an urban parking overlay district to eliminate minimum off-street parking requirements in the area.

The City Planning Commission recommended approval of the district at its August 19, 2022 meeting.

Summary:
In 2013, Cincinnati City Council approved text amendments to the Cincinnati Zoning Code to allow for the creation of Urban Parking Overlay Districts that would make it possible for City Council to eliminate minimum parking requirements in the areas it determines to be appropriate.

The West End Community Council formally requested an Urban Parking Overlay District for the West End business district in April of 2022. The opportunities for redevelopment in the West End are numerous and a major focus of the community. The minimum parking requirements have become a barrier to development in this high-density, mixed-use neighborhood. These requirements do not promote a mixed-use, walkable neighborhood.

The existing minimum parking regulations emphasize suburban development patterns, obstruct the renovation and rehabilitation of existing buildings, and endanger the urban fabric and historic character of the West End, by attempting to provide parking for all vehicles. The proposed elimination of minimum off-street parking requirements removes an obstacle to the redevelopment of the West End and can help create and maintain the urban form desired in the West End.

The proposal is consistent with *Plan Cincinnati* (2012) and the *West Ends Speaks Plan* (2016).

The City Planning Commission recommended the following on August 19, 2022, to City Council:

> **APPROVE** the proposed map amendment to add Urban Parking Overlay District #3: "West End", as outlined in § 1425-04 - Urban Parking Overlay Districts in the Cincinnati Zoning Code, to a portion of the West End.

Motion to Approve:	Mr. Eby	Ayes:	Mr. Eby
			Ms. Kearney
Seconded:	Mr. Weber		Mr. Stallworth
			Mr. Weber

THE CITY PLANNING COMMISSION

Katherine Keough-Jurs, FAICP, Director
Department of City Planning and Engagement

city of CINCINNATI
Interdepartment Correspondence Sheet

September 13, 2022

To: Mayor and Members of City Council 202201683

From: John P. Curp, Interim City Manager

Subject: Emergency Ordinance – Notwithstanding Ordinance for Permanent Signage

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Transmitted is an Emergency Ordinance captioned:

> **AUTHORIZING** the installation of certain signage on the stadium located at 1 Paul Brown Stadium in the Central Business District NOTWITHSTANDING the provisions of Section 1411-39, "Signs" of Chapter 1411, "Downtown Development Districts," of the Cincinnati Municipal Code.

The City Planning Commission considered this Notwithstanding Ordinance at its August 19, 2022 meeting and their recommendation will be presented to City Council.

Summary:
The Cincinnati Bengals request a Notwithstanding Ordinance (NWO) to permit the installation of permanent signage located at Paycor Stadium (formerly known as Paul Brown Stadium). The renaming of Paul Brown Stadium is universal in both the NFL and other sports arenas throughout the country. The applicant is requesting relief from the total number and dimensional sign limitations contained in Section 1411-39 of the Code to allow for the installation of the proposed signage (Exhibit D).

cc: Katherine Keough-Jurs, FAICP, Director, Department of City Planning and Engagement

E M E R G E N C Y

MEH

- 2022

AUTHORIZING the installation of certain signage on the stadium located at 1 Paul Brown Stadium in the Central Business District NOTWITHSTANDING the provisions of Section 1411-39, "Signs," of Chapter 1411, "Downtown Development Districts," of the Cincinnati Municipal Code.

WHEREAS, the Hamilton County Board of Commissioners ("County") owns the real property located at 1 Paul Brown Stadium in the Central Business District ("Property") on which the County has constructed a stadium ("Stadium"), which real property and improvements the County has leased to Cincinnati Bengals, Inc. ("Team"), for the performance of American football games and similar stadium uses as permitted under the terms of the Team's lease with the County and applicable laws and regulations; and

WHEREAS, the Property consists of a single consolidated parcel (Ham. Co. PID 082-0A02-0001) that is located within the DD, "Downtown Development," zoning district; and

WHEREAS, following the ongoing success of its American football team, which recently won the AFC Championship and capped its exhilarating postseason with an appearance in Super Bowl LVI, the Team is revising the sign program for the Stadium to improve the visibility of the Team and the Stadium, build excitement within the riverfront entertainment district, and foster a sense of community within the City and the larger region; and

WHEREAS, the revisions to the Stadium's sign program include the installation of certain signage to reflect a change in the Stadium's name and the Team's recognition of its naming rights sponsor ("Signage"); and

WHEREAS, the Team requires legislative variances from the zoning code to install the Signage, particularly variances from provisions of Cincinnati Municipal Code ("CMC") Section 1411-39, "Signs," that impose maximum display area and maximum height limitations upon building identification and wall signage within the DD, "Downtown Development," zoning district; and

WHEREAS, the requested deviations from zoning regulations will permit the Team to install signage that is consistent with similar sports facilities found within the City and across the country, and they will contribute to greater awareness and name recognition for Cincinnati on a national and global scale; and

WHEREAS, authorizing the installation of the Signage will not impose adverse effects on the neighboring area, as the Signage complements the scale, proportion, and design of the Stadium, and the Signage will be designed and positioned in a manner that will not present undue distractions to passing vehicular traffic; and

WHEREAS, the City Planning Commission, at its regularly scheduled meeting on August 19, 2022, upon considering the factors set forth in CMC Section 111-5, recommended the adoption of a notwithstanding ordinance authorizing the Signage, subject to certain conditions; and

WHEREAS, a committee of Council held a public hearing to consider the passage of this ordinance following due and proper notice pursuant to CMC Section 111-5, and upon considering the factors in CMC Section 111-5 and the recommendation of the City Planning Commission, the committee approved the ordinance, finding that authorizing the Signage notwithstanding the zoning code provisions that would otherwise restrict them will not have an adverse effect on the character of the area or the public health, safety, and welfare, and further finding that permitting the installation of the Signage is consistent with the purposes of the CMC and the zoning district in which the Property is located; and

WHEREAS, legislative variances authorizing the Signage are consistent with *Plan Cincinnati* (2012), specifically within the Compete Initiative Area goals to "[f]oster a climate conducive to growth, investment, stability and opportunity," (page 103); "'[g]row our own' by focusing on retention, expansion and relocation of existing businesses," (page 104); "[b]ecome nationally and internationally recognized as a vibrant and unique city," (page 121); and "[p]rovide support to businesses that focus on our City's historic heritage of…sports." (page 123); and

WHEREAS, the Council finds that the Signage will contribute to the City's energy, economic vitality, and job growth; facilitate the development of a local professional sports franchise, a major economic and employment generator for the region; and ensure that the development and use of the Property do not pose threats to public safety; and

WHEREAS, the Council additionally finds that permitting the Signage will not have an adverse effect on the character of the area or the public health, safety, and welfare, and that the Signage is in the best interests of the City and the public's health, safety, morals, and general welfare; now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That, following its own independent review and consideration, the City Council incorporates the foregoing recitals as if fully rewritten herein, and it hereby confirms that the Cincinnati Bengals, Inc.'s ("Team") request for legislative variances to authorize its installation of certain signage ("Signage") on the stadium ("Stadium") located at 1 Paul Brown Stadium (Ham. Co. PID 082-0A02-0001) ("Property") in the Central Business District satisfies the criteria set forth in Cincinnati Municipal Code ("CMC") Section 111-5 in all respects. The Property is depicted on the map attached hereto as Exhibit A and incorporated herein by reference, and the

approved dimensions and placement of the Signage is depicted on the plans attached hereto as Exhibit B and incorporated herein by reference ("Plans").

Section 2. That the Council additionally finds that a legislative variance authorizing the Team to install the Signage will not have an adverse effect on the character of the surrounding area or the public's health, safety, and general welfare, and that it is consistent with the purposes of the CMC and the zoning district within which the Property is located, taking into account the factors listed in CMC Section 111-5.

Section 3. That, particularly, the Council finds that legislative variances authorizing the installation of the Signage on the Stadium is the minimum necessary to relieve the Team from the hardship posed by zoning regulations generally crafted to regulate vertically oriented downtown office, residential, and mixed-use buildings and storefronts rather than large-scale, horizontally oriented sports and entertainment venues, and that granting the variances will maintain and enhance the design aesthetic of the Property, will not endanger public safety, including vehicular traffic and the pedestrian public, and will not otherwise conflict with other existing local laws or ordinances.

Section 4. That the Council authorizes the Team's installation of the Signage, subject to the terms and conditions set forth in this ordinance. This authorization is granted notwithstanding the signage restrictions contained in CMC Section 1411-39, "Signs," and any other applicable zoning regulation that would prevent the installation of the Signage, including, but not limited to, regulations governing sign size, height, maximum number, and placement.

Section 5. That the Council's authorization of the Team's installation of the Signage on the Stadium is subject to the following conditions:

a. That the Signage must be placed and dimensioned substantially consistent within the locations and dimensions identified on the Plans; and

b. That no more than one sign may be installed within each of the locations identified on the Plans; and

c. That the Signage must be static and may not incorporate screens or other elements used to flash or display video, animations, or other moving images; and

d. That the illumination of the Signage must consistent with industry safety standards and be designed to avoid adverse impacts on adjacent properties.

Section 6. That this ordinance does not provide a variance from any other laws of the City of Cincinnati, and the Property shall remain subject to all other CMC provisions, including CMC Chapter 1411, "Downtown Development Districts."

Section 7. That the City Manager and the appropriate City officials are authorized to take all necessary and proper actions to implement this ordinance, including by issuing building permits and related approvals provided they conform to applicable building codes, housing codes, accessibility laws, and other applicable laws, rules, and regulations.

Section 8. That this ordinance shall be an emergency measure necessary for the preservation of the public peace, health, safety, and general welfare and shall, subject to the terms of Article II, Section 6 of the Charter, be effective immediately. The reason for the emergency is the immediate need to allow the installation of the Signage in time for the Team's upcoming season so that the corresponding benefits to the City and the Central Business District may be realized at the earliest possible time.

Passed: _____, 2022

_____
Aftab Pureval, Mayor

Attest: _____
Clerk

Honorable City Planning Commission **August 19, 2022**
Cincinnati, Ohio

SUBJECT: A report and recommendation on a proposed Notwithstanding Ordinance for relief from the signage standards in the Downtown Development (DD) zoning district for the stadium located at 1 Paul Brown Stadium Way in the Central Business District.

GENERAL INFORMATION:

Location:	1 Paul Brown Stadium Way, Cincinnati, OH 45202
Petitioner/	Cincinnati Bengals, Inc.
Petitioner's Address:	1 Paul Brown Stadium Way, Cincinnati, OH 45202
Property Owner/	Hamilton County Board of Commissioners
Property Owner's Address:	138 E. Court Street, Cincinnati, OH 45202

ATTACHMENTS:

Provided in addition to this report are the following attachments:

- Exhibit A - Location Map
- Exhibit B - Notwithstanding Ordinance (NWO) Application
- Exhibit C – Notwithstanding Ordinance (NWO) Application Part B1
- Exhibit D – Notwithstanding Ordinance (NWO) Application Part B2

BACKGROUND:

On August 5, 2022, the Department of City Planning and Engagement received an application for a Notwithstanding Ordinance (NWO) from the Cincinnati Bengals requesting the installation of permanent signage located at Paul Brown Stadium. Since constructed, it has been named "Paul Brown Stadium," home to the Cincinnati Bengals, a National Football League (NFL) team, and is now being renamed to "Paycor Stadium."

The subject property (the "Stadium") is located in the Central Business District and is owned by the Hamilton County Board of Commissioners. The property is zoned Downtown District (DD) Subdistrict D-Riverfront, which is located a subdistrict meant to enhance the downtown area by providing sites for commercial recreation, hotel, retail and office space and housing in an urban neighborhood along the Riverfront. The Stadium is situated south of W. Pete Rose Way, north of W. Mehring Way and the Ohio River, and is in between Central Avenue and Elm Street. The Stadium is highly recognized throughout the City of Cincinnati and is near Smale Riverfront Park, the National Underground Railroad Freedom Center and Great American Ball Park. The Stadium is directly east of the Bengal's Interim Indoor Practice Facility, which received City approval in April of 2022 and is currently under construction.

The renaming of Paul Brown Stadium is universal in both the NFL and other sports arenas throughout the country. Similar stadiums that have been renamed within Cincinnati include Great American Ballpark (home to the Cincinnati Reds), TQL Stadium (home to Football Club Cincinnati), and Heritage Bank Arena (home to the Cincinnati Cyclones). The applicant is requesting this Notwithstanding Ordinance concurrently with a request for additional temporary sign variances through the City's Zoning Hearing Examiner, scheduled to be heard on August 24, 2022.

PROPOSED NOTWITHSTANDING ORDINANCE:

The proposed language in the Notwithstanding Ordinance authorizes the construction and operation of the development notwithstanding Section 1411-39 (Signs) of the Cincinnati Zoning Code. Section 1411-39(f) (Building Identification Signs) states that: "Building identification signs must comply with the following:

(1) One trademark or building identification sign identifying the principal occupant as determined by the building owner of a building is allowed for each building facade, with a maximum of four signs for the building.

(2) The trademark or the letters comprising the occupant name must be affixed directly to the building facade.

(3) The building facade underlying the trademark or name may not be painted or otherwise differentiated from the remainder of the building facade merely to draw attention to the sign.

(4) The top of the sign may not project above the parapet, nor may the parapet be enlarged to accommodate a sign.

(5) The sign may be illuminated, but may not be a flashing sign.

(6) The maximum size of the sign cannot exceed the width of the wall on which the sign is attached multiplied by one foot for each 30 feet the top of the sign is located above street grade or 1,800 square feet, whichever is less. For example, a sign whose top is 400 feet above street grade is proposed to be located on a wall that is 150 feet in width where the sign is to be located. The maximum size equals the lesser of 13 × 150 = 1,950 and 1,800. The maximum size is 1,800."

The proposed exterior Stadium signage needing Zoning Code Relief with the following approximate sign locations and square footages are listed below:

	Type	**Quantity**	**Square Footage**
North	Scoreboard Back	1	2,304
	Scoreboard Back – PBS	1	360
South	Scoreboard Back	1	2,228
	Scoreboard Back – PBS	1	360
East	Canopy	1	22,400
	Halo Beam	1	3,840
	Steel Mesh	2	5,760
West	Canopy	1	22,400
	Halo Beam	1	3,840
	Steel Mesh	2	5,760
Total		**12**	**69,252**

The applicant is requesting relief from the total number and dimensional sign limitations contained in Section 1411-39 of the Code to allow for the installation of the proposed signage (Exhibit D). The applicant is additionally requesting any relief that would be necessary to allow for the lighting of the proposed signage by backlit LED lighting, flood lighting directed at the signs, or other similar and reasonable means of light of the proposed signage.

ANALYSIS:

The Department of City Planning and Engagement has consistently taken a position to not support Notwithstanding Ordinances because they do not comply with the Cincinnati Zoning Code that the Department is charged with developing and enforcing. The Cincinnati Municipal Code Section 111-5 establishes certain factors for evaluation by the City Council committee that considers a Notwithstanding Ordinance application, and the Department will therefore provide input on the following factors.

The City Planning Commission shall consider the following when making a recommendation on NWOs to City Council:

1) Whether the proposed application will not have an adverse effect on the character of the area or the public health, safety and welfare;

   The proposed signage will not have any negative impacts on the character of the proposed location area, or the public health, safety, and welfare as the proposed signage will replace most of the existing signage that is already being displayed by the Bengals. There are also no residential properties within 400-feet of the subject property.

2) Whether the proposed application is consistent with the purposes of this code and the zoning district where the subject property is located including but not limited to:

   (a) Providing a guide for the physical development of the city.

   Not applicable to this application.

   (b) Preserving the character and quality of residential neighborhoods.

   Not applicable to this application.

   (c) Fostering convenient, harmonious and workable relationships among land uses.

   This proposed signage is situated harmoniously within the confinements of the larger entertainment district area along the riverfront, promoting a lively atmosphere ideal for sporting events.

   (d) Achieving the arrangement of land uses described in the comprehensive plan for the development of the city as may have been adopted by council.

   The proposed Notwithstanding Ordinance is consistent with Plan Cincinnati (2012) (see "Consistency with Plan Cincinnati" for further information in this staff report).

   (e) Promoting the economic stability of existing land uses and protecting them from intrusions by inharmonious or harmful land uses.

   Not applicable to this application.

   (f) Providing opportunities for economic development and new housing for all segments of the community.

   The proposed signage will promote the new title sponsor, Paycor, of the Stadium and will replace all the signage associated with Paul Brown Stadium. The Cincinnati Bengals are intimately tied to the Cincinnati economy and this signage would promote their economic viability of the newly renamed stadium. This will lastly benefit Cincinnati as well as Hamilton County.

(g) Creating pedestrian-friendly environments to reduce reliance on the automobile for travel.

The proposed signage will not present any traffic or safety concerns and is position and designed in a way that will not interfere with roadway travel or affect the pedestrian environment found in the riverfront area, The Banks, and adjacent property of the stadium.

(h) Preventing excessive population densities and overcrowding of land or buildings.

Not applicable to this application.

(i) Ensuring the provision of adequate open space for light, air and fire safety.

Not applicable to this application.

(j) Ensuring that development is compatible with the environment, particularly on the hillsides and along the riverfront.

This proposed request is compatible with the surrounding environment and riverfront and is consistent with entertainment district uses and signage commonly found on other NFL stadiums and entertainment districts.

(k) Promoting the conservation, protection, restoration and enhancement of the historic resources of the city.

Not applicable to this application.

(l) Lessening congestion in the public streets by providing for off-street parking and loading areas for commercial vehicles.

Not applicable to this application.

(m) Providing effective signage that is compatible with the surrounding urban environment.

The applicant is proposing signage that is unique to the City and which is similar found with signage on Great American Ballpark, TQL Stadium, and Heritage Bank Arena. Strictly applying the provisions of the Cincinnati Zoning Code to this particular request would result in practical difficulties.

Paul Brown Stadium, soon to be Paycor Stadium, is an extremely large structure with large expanses of wall area. Stadiums in general, like many other stadiums in other cities, do not fit well within the regulations intended for storefronts at the ground level of high-rise buildings. The pure size of the stadium needs any signage to be appropriately scaled to the structure in order to be effective.

The applicant has also stated that the renaming of stadia is a common practice within the NFL, as 29 out of the 32 NFL stadia include some form of naming rights sponsorship. The unique nature of 'Paycor Stadium' does not fit well with the Downtown Development District regulations.

(n) Setting standards by which a nonconforming use may continue to function and to provide for the adaptive reuse of nonconforming buildings.

Not applicable to this application.

PUBLIC COMMENT AND NOTIFICATION:
Notice for the August 19, 2022 City Planning Commission meeting was sent to property owners within 400-feet of the proposal in addition to the Downtown Residents Council. No comments have been received to-date.

CONSISTENCY WITH PLAN CINCINNATI (2012):
The proposed Notwithstanding Ordinance is consistent with *Plan Cincinnati* (2012), specifically within the Compete Initiative Area. This proposed facility contributes to the goal to "Foster a climate conducive to growth, investment, stability and opportunity" (p. 103) through the Strategy to "Grown our own" by focusing on retention, expansion and relocation of existing businesses" (p. 104). This request is an important way to display the new stadium name and to retain the Cincinnati Bengals by meeting their needs and helping them achieve their goals. The new stadium name and signage will contribute to the City's energy, economic vitality, and job growth along with facilitating the development of the local professional sports industry.

This request is additionally consistent with the goal to "Become nationally and international recognized as a vibrant and unique city" (p. 121) and would "Provide support to businesses that focus on our City's historic heritage of…the arts and other cultural traditions" (p. 123).

CONCLUSIONS:
This request for a Notwithstanding Ordinance will allow the Cincinnati Bengals to have the proposed signage installed and provide relief from the Cincinnati Zoning Code. The requested relief through the Notwithstanding Ordinance has been found to be reasonable since the proposed Notwithstanding Ordinance:

- Is consistent with the surrounding land uses;
- Permits the usage of additional signage in the Downtown Development (DD) zoning district;
- Grants relief from the Cincinnati Zoning Code;
- Is consistent with *Plan Cincinnati* (2012).

The Department of City Planning and Engagement has generally consistently taken the position to not support Notwithstanding Ordinances for land use decisions because they do not comply with the zoning laws that the department is charged with developing and enforcing. This request is similar to the proposed signage Notwithstanding Ordinances requested by the Cincinnati Reds for their video board, signage for The Foundry, and the Casino signage.

RECOMMENDATION:
The Department of City Planning and Engagement recommends that the City Planning Commission take the following action:

DENY the Notwithstanding Ordinance for relief from the signage standards in the Downtown Development (DD) zoning district for the stadium located at 1 Paul Brown Stadium Way in the Central Business District.

1) The Department of City Planning and Engagement typically does not support Notwithstanding Ordinances for land use decisions because the ordinances do not comply with the zoning laws that the Department of City Planning and Engagement is charged with developing and enforcing.

If the City Planning Commission decides to recommend **APPROVAL** of the Notwithstanding Ordinance, the City Planning Commission should consider the following conditions:

1) The signage for the Stadium should be placed and dimensioned consistent within the locations and dimensions identified on the plans proposed in Exhibit D - Notwithstanding Ordinance (NWO) Application Part B2;
2) No more than one sign may be installed within each of the locations identified on the plans proposed in Exhibit D - Notwithstanding Ordinance (NWO) Application Part B2;
3) The signage should be static and should not incorporate screens or other elements that flash or display video, animations, or moving images;
4) The illumination for the signage should be consistent with industry safety standards and avoid adverse impacts on adjacent properties; and
5) That, aside from the variances necessary to permit the installation of signs, the Stadium should remain subject to all other provisions of the Cincinnati Municipal Code, DD, "Downtown Development," zoning district.

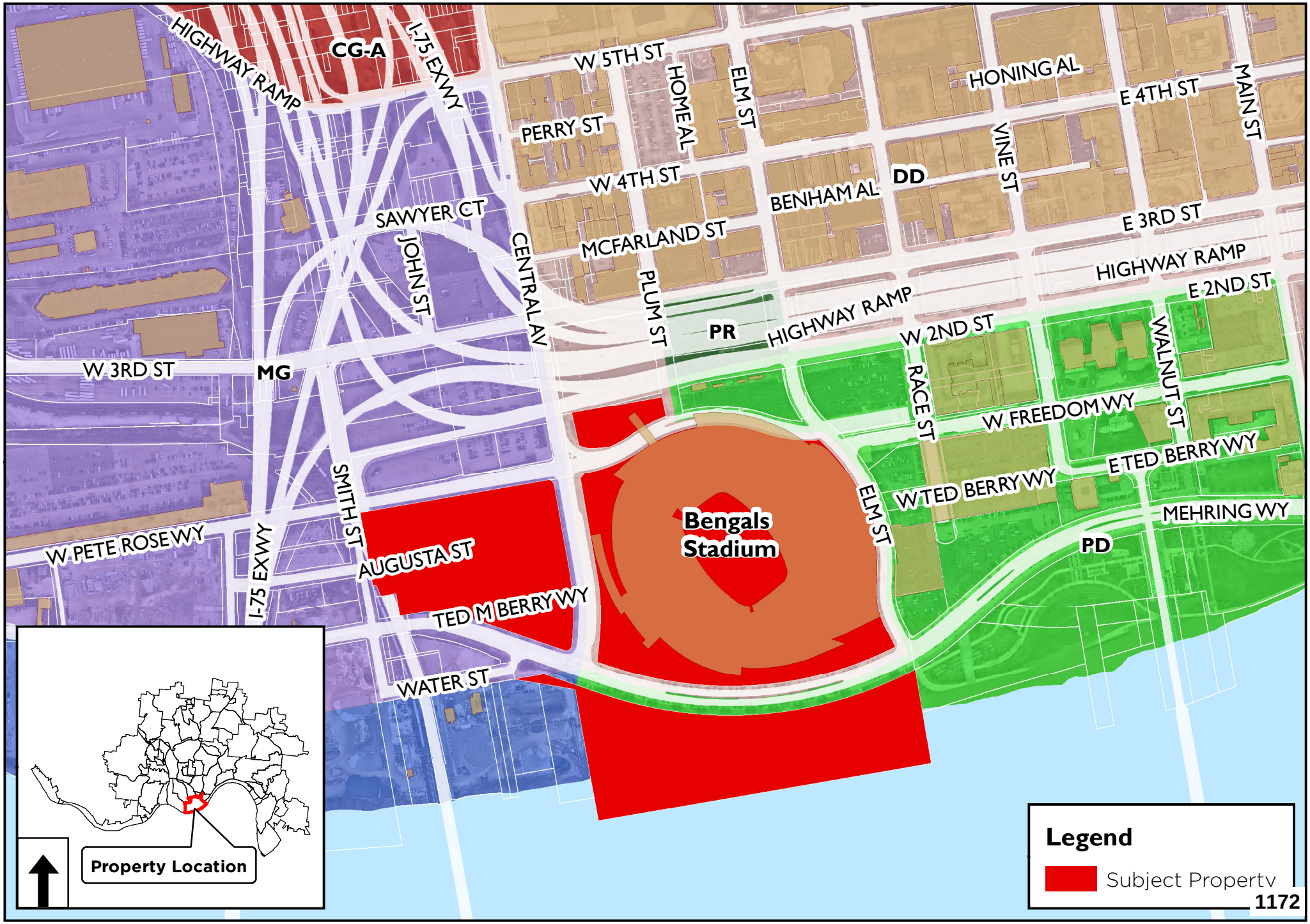
Respectfully submitted:

Jesse Urbancsik, Senior City Planner
Department of City Planning and Engagement

Approved:

Katherine Keough-Jurs, FAICP, Director
Department of City Planning and Engagement

Proposed Notwithstanding Ordinance for Signage at 1 Paul Brown Stadium Way in the Central Business District



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CAGIS.HAMILTON-CO.ORG

Notwithstanding Ordinance Application

INITIALIZED BY

Part A - Identification

Subject Property Address (Please print in blue or black ink only)			
1 Paul Brown Stadium			
Applicant - Name (Print)	Phone No	E-mail Address	
Cincinnati Bengals, Inc.	(513) 357-9377	lblocher@taftlaw.com	
Street Number & Name	City / State / Zip Code	Phone No / Fax No	
1 Paul Brown Stadium	Cincinnati, OH 45202		
Relationship of Applicant to Owner:	☐ Owner	■ Lessee	☐ Attorney
Property Owner - Name (Print)	Phone No	E-mail Address	
Hamilton County Board of Commissioners	(513) 455-4955	joe.feldkamp@hamilton-co.org	
Street Number & Name	City / State / Zip Code	Phone No / Fax No	
138 E. Court St.	Cincinnati, OH 45202		

Part B - Submission Requirements (Please provide the following for a complete application)

1. **A copy of the zoning map showing the subject property. A copy may be obtained through the Zoning Administration by emailing zoninginfo@cincinnati-oh.gov or by calling (513) 352-2430.**
2. **A written statement outlining all of the practical difficulties created by following existing legislative and administrative procedures.**
3. **Submit one (1) paper copy and one (1) digital copy of the application to the Director of City Planning at 805 Central Avenue, Suite 720, Cincinnati, Ohio 45202. Payment must be included with the application. (Payable to the City of Cincinnati)**

Part C - Authorization

The applicant or agent undersigned does hereby certify that the information and statements given on the application, drawings, and inspections are to the best of their knowledge, true and correct. The undersigned further certifies their authorization to grant consent to the inspection by employees of the City of Cincinnati of the described premises at any time when work on those premises is ongoing and hereby grants their consent.

Applicant's Signature _____ Date 8/5/2022

FOR OFFICE USE ONLY

Reviewed By: Processing Fee _____

City Planning Staff Date Application Complete

CINCINNATI BENGALS, INC.
NOTWITHSTANDING ORDINANCE APPLICATION
PART B1

City of Cincinnati Zoning Map Showing the Subject Property

The following image is excerpted from the City of Cincinnati zoning map found at Zoning(1).pdf (cincinnati-oh.gov) and depicts the DD zoning for Hamilton County Parcel ID No. 082-A02-0001-00



CINCINNATI BENGALS, INC.
NOTWITHSTANDING ORDINANCE APPLICATION
PART B2

Reasons for the Notwithstanding Ordinance Request

Cincinnati Bengals, Inc. (the "**Team**") respectfully files this application to seek the support of the City of Cincinnati for the installation of certain signs at Paul Brown Stadium to recognize a future naming rights sponsor. Specifically, the Team seeks relief from the maximum display area and maximum height limitations for building identification and wall signs contained in Section 1411-39 of the City of Cincinnati Municipal Code (the **"Code**") to allow for the installation of signs at the locations depicted on the attached **Exhibit B2-A** (the "**Signs**").

Sponsorship relationships that include stadium naming rights have become almost universal in both the National Football League ("**NFL"**) and other sports arenas around the country. Indeed, at the time of this application 29 of the 32 NFL franchises enjoy such naming rights sponsorship relationships; as do, for example, Great American Ballpark, TQL Stadium, and Heritage Bank Arena here in Cincinnati. Approval of this request by the City of Cincinnati will therefore contribute greatly to the continuing operation of a successful NFL franchise in the City of Cincinnati by allowing the Team to pursue and benefit from the same type of sponsorship relationships enjoyed by its competitors in the NFL and its peers in the City.

The 2021 NFL season demonstrated the deep and important relationship between the Team and this community. The entire city came together to support the Team as it played its way to Super Bowl LVI. The Team's playoff run was more than just exhilarating; it brought tangible benefits to the City. According to one report, the Team's success helped generate $4.4 billion worth of free advertising for Cincinnati. It gave the opportunity for Mayor Pureval and other City and civic leaders, including our Convention and Visitors Bureau, to promote Cincinnati to the world. Approval of this application will enhance the Team's ability to make the kind of significant investments on and off the field that should continue to allow the franchise to compete at the highest levels in the NFL.

Seizing on the opportunity created by the 2021 season as it relates to potential naming rights sponsors requires the Team be in the position to install the Signs during the 2022 season, which commences September 11 with a home game against the team from Pittsburgh. To accommodate this practical necessity, the Team is, on a parallel path, pursuing a temporary variance through the City of Cincinnati Zoning Hearing Examiner to allow for the installation of temporary signs on the east and west club windows and the east and west canopy roofs, all as depicted and described in the temporary variance application attached as **Exhibit B2-B.** The granting of that variance and the approval of this notwithstanding ordinance application will allow the Team to maximize the potential benefit of a naming rights sponsorship for this season by coordinating the installation of the window and canopy signs that can be more quickly installed with the potentially trailing installation of the "Halo Beam," "Steel Mesh," "Scoreboard Back," and "Existing PBS

Signage" signs depicted on Exhibit B2-A that may take more time to manufacture (the vinyl "Canopy" signs are included in both applications, as the Team intends for the Canopy signs to be permanent as well).

The notwithstanding ordinance requested here – together with the temporary variance application that has already been submitted – are the only practical avenues to allowing the installation of the Signs during the 2022 season. The Team submits that this application is justified both by the demonstration of that practical difficulty, but also the consistent position the City administration has taken over the years in recognizing that the strict application of the zoning code to Paul Brown Stadium and other similar venues is unreasonable because of the square peg/round hole relationship of the DD zoning district – which was designed to regulate signage on vertically-oriented downtown office, residential, and mixed-used buildings and storefronts – to horizontally-oriented sports and entertainment venues like Paul Brown Stadium. Indeed, the City administration has eloquently recognized the practical difficultly of strictly applying the wall sign regulations of the DD district to Paul Brown Stadium before when supporting previous sign-related variance requests:

> "Paul Brown Stadium, along with Great American Ballpark and US Bank Arena, are unique building types in the downtown area. Strictly applying the provisions of the Zoning Code to the particular request would result in practical difficulties. The structure is very large with a horizontal orientation, rather than the vertical emphasis typically found in downtown buildings…the nature of the stadium and the signs themselves do not fit well within the regulations intended for storefronts at the ground level of high-rise buildings."[1]

Similarly, in response to that same application, the Zoning Hearing Examiner found the Team had demonstrated that "[t]he sheer size of the Property makes it difficult for the Owner to effectively install signage at the property in a proportionally appropriate manner within the context of the overall development. In light of this unique condition and hardship, it is unreasonable to strictly apply the Zoning Code.[2]"

The previous findings of the City administration and Zoning Hearing Examiner support this simple point very well: the uniquely large scale and horizontal orientation of Paul Brown Stadium means that in order for exterior signs there to be experienced the same way by viewers, and to appear in similar proportions to the rest of the building, they must be larger than the limitations of Section 1411-39 which apply to other downtown buildings. In other words, signs at the Stadium must be larger in order for them to be useful as signs.

In reliance on the reasoning and descriptions described above, the Team respectfully submits this application and thanks the City in advance for its consideration.

---

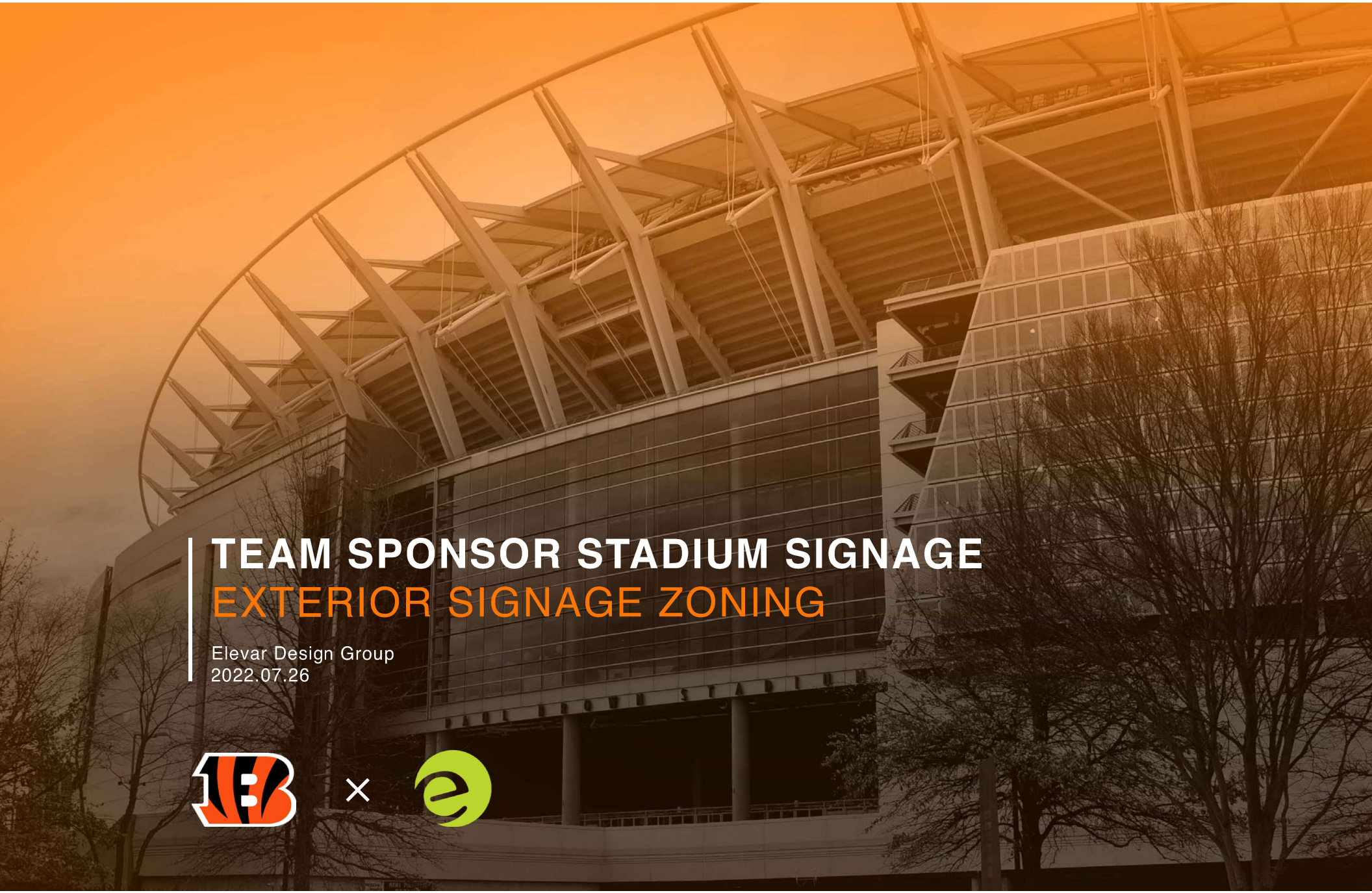
[1] *See* Staff Report for Application #ZH20180145
[2] *See* Decision of the Zoning Hearing Examiner, Case. No. ZH20180145

Description of Zoning Code Relief Sought

The Team is requesting relief from the dimensional sign limitations contained in Section 1411-39 of the Code to allow installation of the Signs depicted on Exhibit B2-A. The Team also seeks any relief that would be necessary to allow the lighting of the Signs by backlit LED lighting, flood lighting directed directly at the signs, or other similar and reasonable means of lighting the Signs.

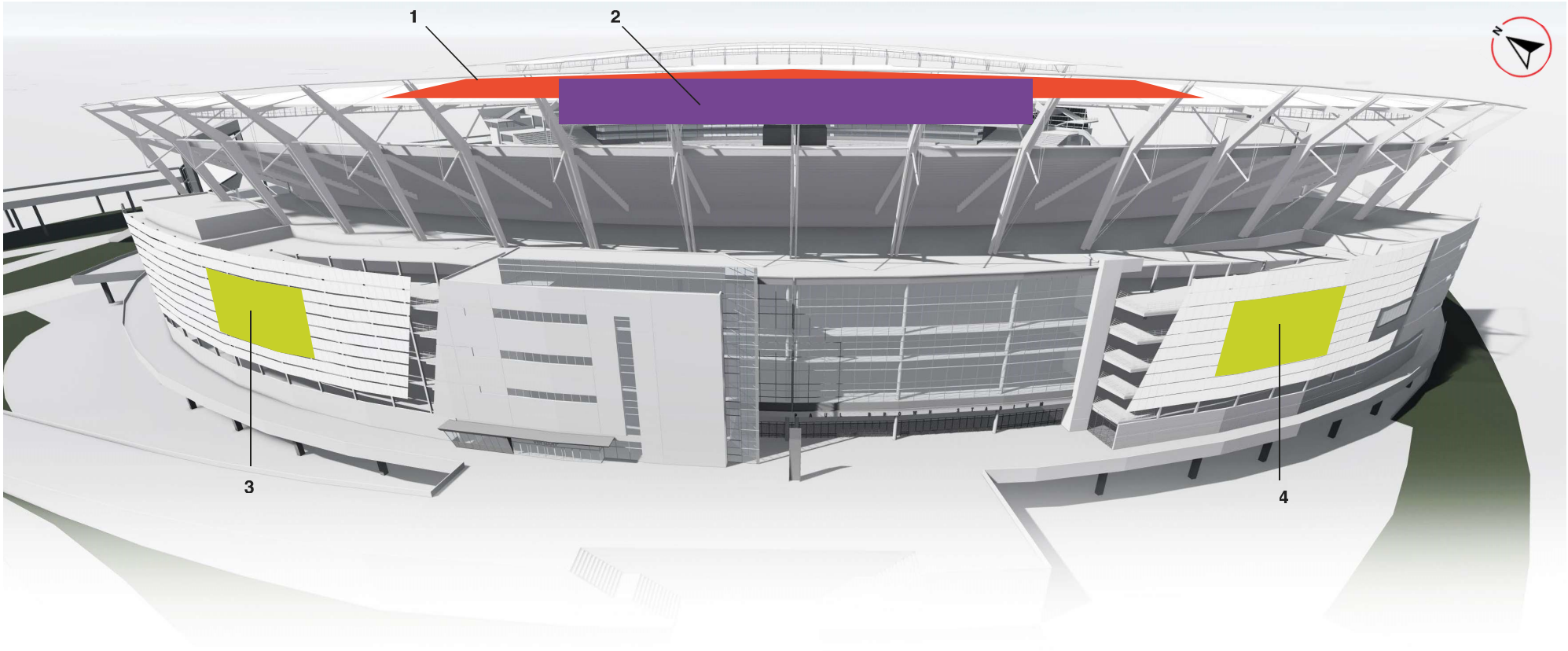
EXHIBIT B2-A

SIZE AND LOCATION OF SIGNS



TEAM SPONSOR STADIUM SIGNAGE
EXTERIOR SIGNAGE ZONING

Elevar Design Group
2022.07.26



CANOPY - WEST

1 **"Canopy West"**
Type: Banner or Similar
Lighting: Flood, LED or Similar
Elevation (At top of sign):
668' - 6" at highest point
Size: **64' X 350' = 22,400 SF**

HALO BEAM - WEST

2 **"Halo Beam West"**
Type: Stainless Steel
Lighting: TBD
Elevation (At top of sign):
667'" at highest point
Size: **160' X 24' = 3,840 SF**

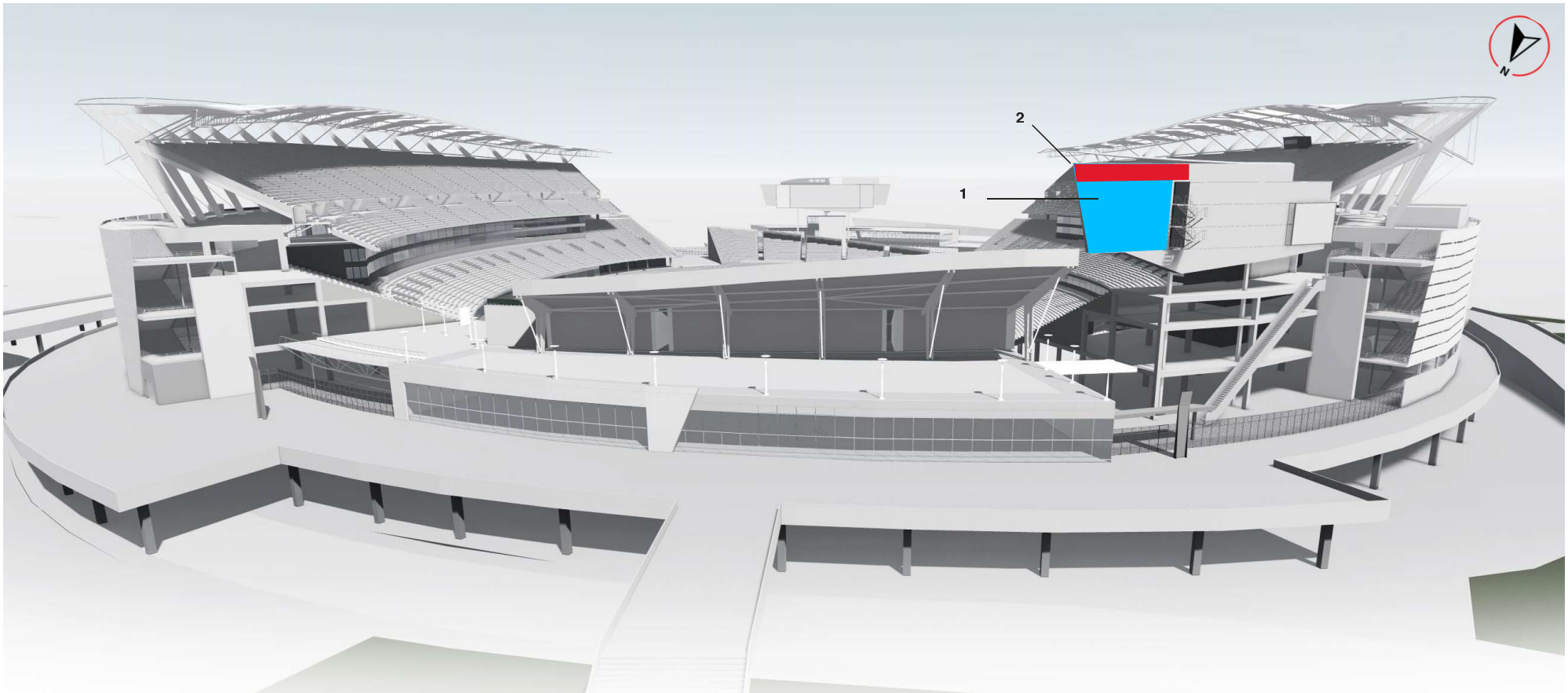
STEEL MESH - WEST

3 **"Steel Mesh West - Left"**
Type: Stainless Steel
Lighting: TBD
Elevation (At top of sign): 581' - 6"
Size: **80' x 36' = 2,880 SF**

4 **"Steel Mesh West - Right"**
Type: Stainless Steel
Lighting: TBD
Elevation (At top of sign): 581' - 6"
Size: **80' x 36' = 2,880 SF**

Grand Total: **32,000 SF**

Exterior Stadium Signage – West Side



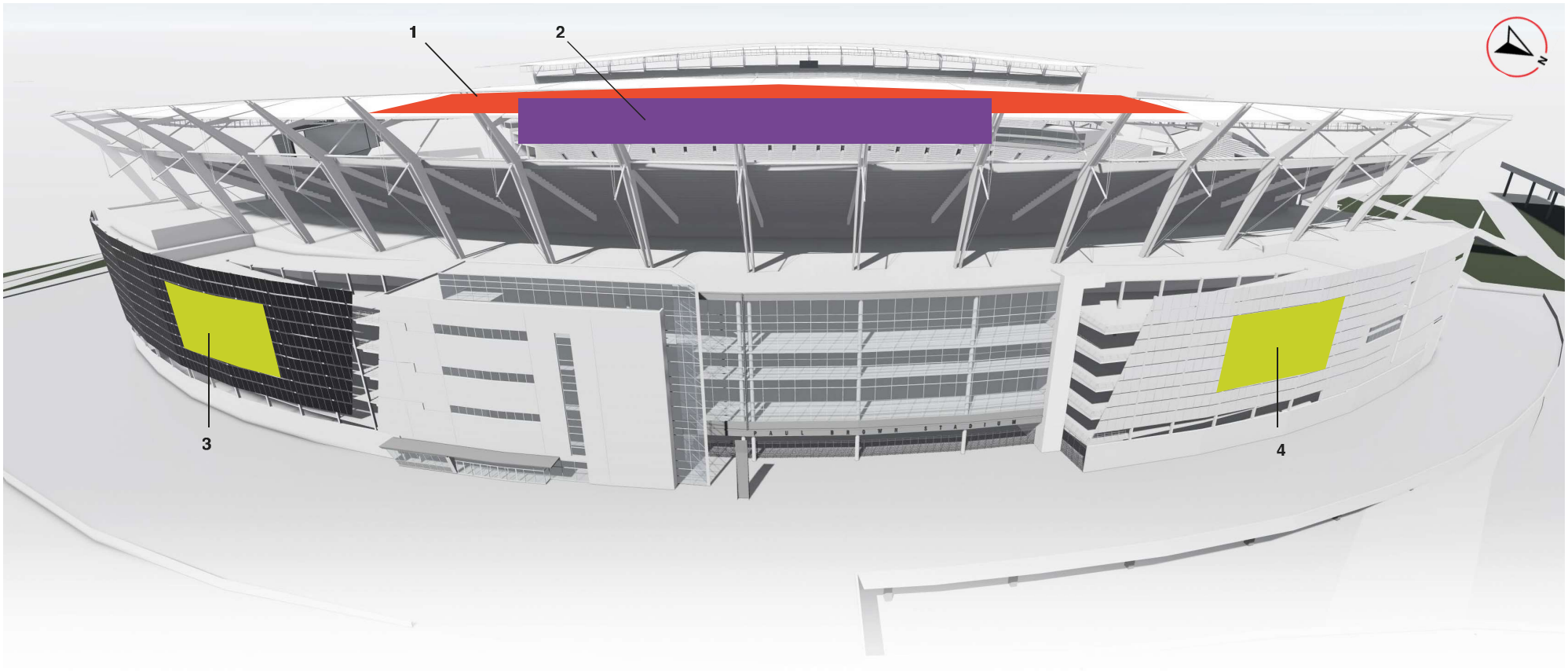
SCOREBOARD BACK - NORTH

1 **"Scoreboard Back - North"**
Type: Stainless Steel
Lighting: TBD
Elevation (At top of sign): 626'
Size: **64' X 36' = 2,304 SF**

EXISTING PBS SIGNAGE - SCOREBOARD BACK - NORTH

2 **"Existing PBS Signage"**
Type: Stainless Steel
Lighting: TBD
Elevation (At top of sign): 626'
Size: **60' X 6' = 360 SF**

Exterior Stadium Signage – North Side



CANOPY - EAST

1 **"Canopy East"**
Type: Banner or Similar
Lighting: Flood, LED or Similar
Elevation (At top of sign):
668' - 6" at highest point
Size: **64' X 350' = 22,400 SF**

HALO BEAM - EAST

2 **"Halo Beam East"**
Type: Stainless Steel
Lighting: TBD
Elevation (At top of sign):
667'" at highest point
Size: **160' X 24' = 3,840 SF**

STEEL MESH - EAST

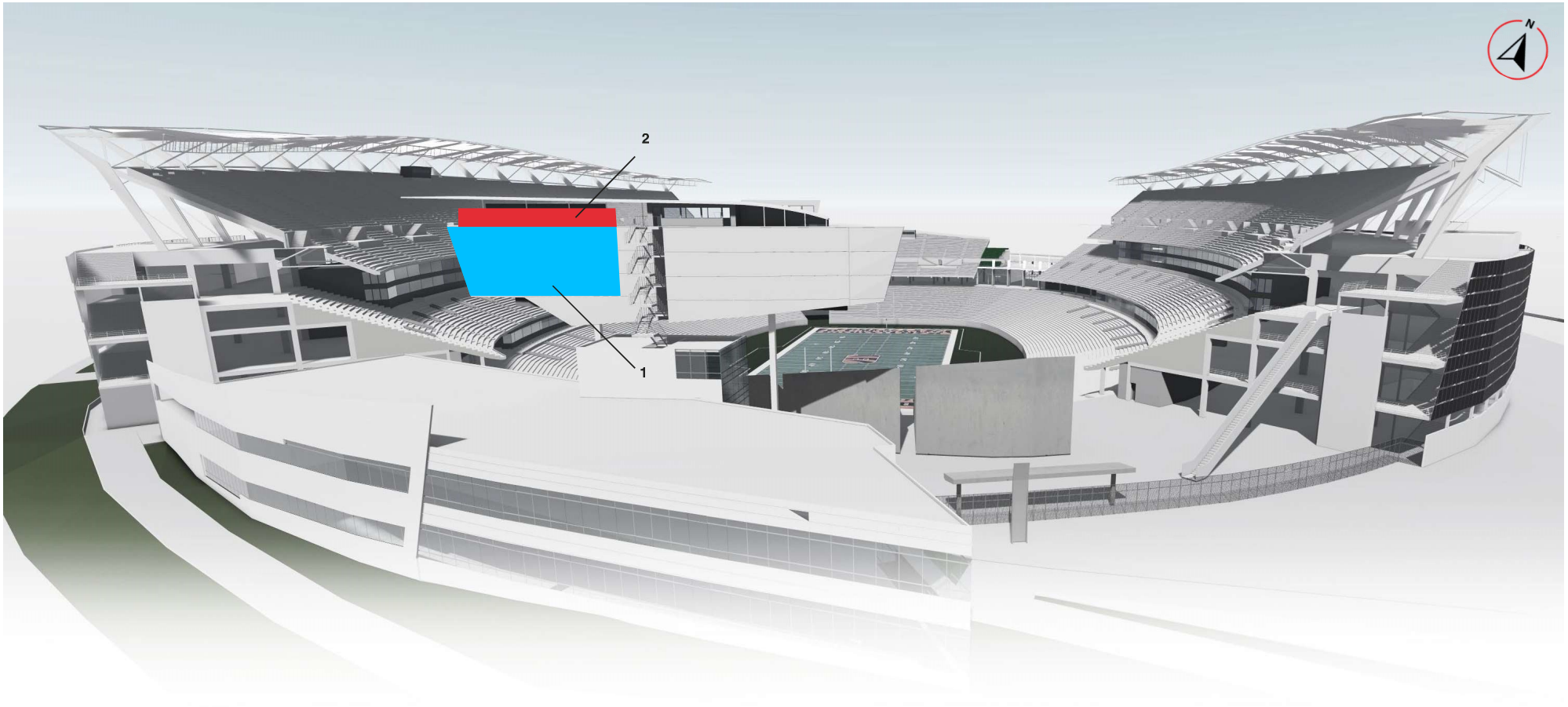
3 **"Steel Mesh East - Left"**
Type: Stainless Steel
Lighting: TBD
Elevation (At top of sign): 581' - 6"
Size: **80' x 36' = 2,880 SF**

4 **"Steel Mesh East - Right"**
Type: Stainless Steel
Lighting: TBD
Elevation (At top of sign): 581' - 6"
Size: **80' x 36' = 2,880 SF**

Grand Total: **32,000 SF**

Exterior Stadium Signage – East Side

4 • Team Sponsor Stadium Signage – Exterior Signage Zoning



SCOREBOARD BACK - SOUTH

1 **"Scoreboard Back - South"**
Type: Stainless Steel
Lighting: TBD
Elevation (At top of sign): 605'
Size: **76' X 30' = 2,228 SF**

EXISTING PBS SIGNAGE - SCOREBOARD BACK - SOUTH

2 **"Existing PBS Signage"**
Type: Stainless Steel
Lighting: TBD
Elevation (At top of sign): 605'
Size: **60' X 6' = 360 SF**

Exterior Stadium Signage – South Side

5 • Team Sponsor Stadium Signage – Exterior Signage Zoning

× elevar DESIGN GROUP

EXHIBIT B2-B

TEMPORARY VARIANCE APPLICATION

Click any blue box
for additional information
(hyper-link)

II Centennial Plaza
805 Central Avenue, Suite 500
Cincinnati, Ohio 45202
Monday- Friday 7:30 am- 4 pm
513-352-1559
Boards@cincinnati-oh.gov

ZONING HEARING EXAMINER

Application for Zoning Relief

Office Use Only
Case Number: _____

Hearing Date: _____

Section 1. SUBJECT PROPERTY
ADDRESS 1 Paul Brown Stadium COMMUNITY Downtown Riverfront District
PARCEL ID(S) 00820A02001 HILLSIDE DISTRICT: ☐ Yes ☑ No
BASE ZONING CLASSIFICATION DD-D ZONING OVERLAY (if applicable) _____
HISTORIC DISTRICT: ☑ No ☐ Yes: (name) _____
☑ **Non-Residential Project** ☐ **Residential Project (RCO) One -, Two -, and Three- Family Dwelling**

Section 2. APPLICANT
NAME Cincinnati Bengals CONTACT PERSON (if legal entity) Luke Blocher
ADDRESS 1 Paul Brown Stadium CITY Cincinnati STATE Ohio ZIP 45202
EMAIL lblocher@taftlaw.com RELATIONSHIP TO OWNER (if not owner) Lessee
TELEPHONE 513-357-9377

Section 3. OWNER
NAME Hamilton County Board of Commissioners CONTACT PERSON (if legal entity) Joe Feldkamp
ADDRESS 138 East Court Street CITY Cincinnati STATE Ohio ZIP 45202
EMAIL joe.feldkamp@hamilton-co.org RELATIONSHIP TO OWNER (if not owner) _____
TELEPHONE 513-455-4955

Section 4. NATURE OF RELIEF REQUESTED. (select all that apply)
☑ Variance ☐ Special Exception ☐ Conditional Use ☐ Use Variance
☐ Expansion or Substitution of Non Conforming Use ☐ Hillside Overlay District Permission
☐ Urban Design Overlay District Permission ☐ DD District Phased Development Approval

Section 5. BRIEF DESCRIPTION OF PROPOSED PROJECT *(Do not write "see attached" or leave blank. You may attach a longer statement to this application if the space provided is insufficient to describe your proposed project)*
Installation of temporary sponsor-recognition signs on the exterior windows and canopy roof of Paul Brown Stadium, as described in the attached Section 6.

Section 6. SUMMARY OF REASONS WHY RELIEF SHOULD BE GRANTED.
You must provide a written statement explaining how the proposed project meets the standards for all relief requested. Separate instructions for preparing this statement are attached. If you fail to follow the instructions for your type of request, your application may be denied.

Section 7. SIGNATURE. The undersigned does hereby certify that the information provided in connection with this application is, to the best of his or her knowledge, true and correct.

Print Name Luke Blocher Signature Luke Blocher Digitally signed by: Luke Blocher DN: CN = Luke Blocher email = lblocher@taftlaw.com C = US O = Taft, Stettinius & Hollister LLP Date: 2022.07.26 12:33:36 -04'00' Date 07/26/22

Revised 09.17.2019

Section 8. ADDITIONAL DOCUMENTATION SUBMISSION REQUIREMENTS.

If you fail to complete the application or provide all information requested, your application may be denied.

All application transactions must be completed by 4:00pm. No exceptions.

☐	Submit two (2) paper copies collated, single sided and bound together, and one (1) digital copy in PDF format of all the documents listed below.
☑	All documents (forms, letters, etc.) must be formatted to 8.5x11. Plans or drawings may be formatted to 11x17 or 12x18, but no larger sizes will be accepted.
☑	Zoning Hearing Examiner application.
☑	Denial letter from Zoning Department, or signed letter from a Zoning Plans Examiner.
☑	Written statement required in Section 6 of application.
☐	Applications requesting development permission in a Hillside Overlay District must meet the additional requirements found in Cincinnati Municipal Code 1433-15. Please ensure your application meets these requirements.
☑	Accurate drawings, plans or surveys (including a graphic scale) showing boundaries, dimensions, areas, topography, and frontage of the property involved, as well as the location and dimensions of all structures **existing and proposed** from the nearest property lines. When landscaping is required by the zoning code, a landscaping plan must be provided.
☑	Detailed information (such as photographs, elevations, specifications) fully depicting the exterior appearance of the **existing and proposed** project, including parking and access, exterior lighting, landscaping, and signs involved in the application.
☑	The Hamilton County Auditor's record showing ownership of the property. If the Hamilton County Auditor's official records do not list the applicant or owner as the owner of the property, please provide a lease, contract to purchase, or other agreement demonstrating the applicant or owner's legal basis to seek the relief requested.
☐	A list of witnesses and expert witnesses who you expect to testify at the hearing on this application.
☐	Other documents or information you intend to introduce at the hearing on this application.
☑	A non-refundable application fee - a check made payable to "City of Cincinnati." • **$900.00** for Use Variances • Variances, *including Special Exception, Conditional Use, Expansion or Substitution of Non-Conforming Use, Hillside & Urban Design Overlay and DD District are as follows:* **$300.00** for Residential Projects (RCO) One -, Two -, and Three- Family Dwelling **$500.00** for Non-residential Projects (Non-RCO)

To help avoid delays, it is strongly suggested that you present your application to neighboring property owners and any interested neighborhood community groups prior to the hearing on your application. This will give you a prior opportunity to address your neighbors' concerns or objections and can facilitate the approval of your application.

CITY OF CINCINNATI ZONING HEARING EXAMINER
APPLICATION FOR ZONING RELIEF
FOR
PAUL BROWN STADIUM TEMPORARY EXTERIOR NAMING RIGHTS SPONSOR RECOGNITION SIGNS

SECTION 6. SUMMARY OF REASONS WHY RELIEF SHOULD BE GRANTED

Cincinnati Bengals, Inc. (the "**Team**"), as the owner of the leasehold interest at Paul Brown Stadium (the **"Stadium**"), seeks a series of dimensional variances from the maximum display area and maximum height limitations for temporary wall signs contained in Section 1411-39 of the City of Cincinnati Municipal Code (the **"Code**") to allow for the installation of four (4) temporary wall signs at the locations depicted on the attached **Exhibit A** during the 2022 National Football League ("**NFL**") season (the "**Temporary Wall Signs**").

This variance application meets the requirements of Section 1445-15 of the Code as described below, and because (1) it is impractical and therefore unreasonable to strictly apply sign regulations designed for downtown storefronts to professional sports stadiums, and 2) naming rights sponsor recognition signs on and around stadiums are common both locally and at NFL stadiums around the country, including on canopy roofs, which demonstrates (3) the Team's property right is materially diminished, in comparison to similarly situated stadium tenants and owners, by the strict application of the Code. In addition, the variance sought for the Temporary Wall Signs to be located on the exterior glass panes of the east and west elevations is substantially identical to a variance previously granted by the Zoning Hearing Examiner in Case No. ZH20170067.

This variance application meets the requirements of Section 1445-13 of the Code as described below and is in the public interest, as defined in that section, because the Temporary Wall Signs are otherwise compatible with the Code and the surrounding neighborhood, while also providing significant public and private benefits through enhancing the aesthetic quality and commercial vitality of the Stadium, and expanding the Team's ability to attract sponsorship relationships that include community programs, among other reasons further articulated below.

Meeting the standards outlined in Cincinnati Municipal Code 1445-15

The Temporary Wall Signs comply with all applicable laws, ordinances, and regulations other than portion of the Code from which the variance is sought, and the condition giving rise to the variance request was not created by the Owner or any predecessor in title, but rather the nature of the sign regulations in the DD zoning district, which were enacted to address signage on storefronts and high-rise commercial buildings, not professional sports stadiums. The Temporary Wall Signs further satisfy the standards in Section 1145-15 as follows:

1445-15(a): *Owing to special circumstances or conditions pertaining to a specific piece of property, the strict application of the provisions or requirements of this Code or the Land Development Code, as applicable, are unreasonable and would result in practical difficulties.*

In a previous application by the Team for dimensional variances for two 1200 square foot wall signs on the North and East elevations of the Stadium, the City administration succinctly articulated the practical difficulties presented in applying to professional sports stadiums the sign provisions of Section 1411-39 of the DD zoning district, which were designed to regulate signage on high-rise commercial buildings and storefronts:

> "Paul Brown Stadium, along with Great American Ballpark and US Bank Arena, are unique building types in the downtown area. Strictly applying the provisions of the Zoning Code to the particular request would result in practical difficulties. The structure is very large with a horizontal orientation, rather than the vertical emphasis typically found in downtown buildings…the nature of the stadium and the signs themselves do not fit well within the regulations intended for storefronts at the ground level of high-rise buildings."[1]

Similarly, in response to that same application, the Zoning Hearing Examiner found the Team had demonstrated that "[t]he sheer size of the Property makes it difficult for the Owner to effectively install signage at the property in a proportionally appropriate manner within the context of the overall development. In light of this unique condition and hardship, it is unreasonable to strictly apply the Zoning Code.[2]"

The previous findings of the City administration and Zoning Hearing Examiner support this simple point very well: the uniquely large scale and horizontal orientation of the Stadium means that in order for exterior signs there to be experienced the same way by viewers, and to appear in similar proportions to the rest of the building, they must be larger than the limitations of Section 1411-39 which apply to other downtown buildings.

In other words, signs at the Stadium must be larger in order for them to be useful as signs. For that reason, and as has been found by the Zoning Hearing Examiner in the past, strict application of the Code here would be unreasonable.

1445-15(b): *The variance is necessary for the preservation and enjoyment of a substantial property right of the applicant possessed by owners of other properties in the same district or vicinity.*

The variances that will allow the installation of these temporary naming rights sponsor recognition signs on and around the Stadium are necessary for the preservation and enjoyment of the Team's property right in manner consistent with both other professional sports stadiums in the area, and other NFL stadiums, because such signs are a common feature of both.

---

[1] *See* Staff Report for Application #ZH20180145

[2] *See* Decision of the Zoning Hearing Examiner, Case. No. ZH20180145. *See also* Decision of the Zoning Hearing Examiner, Case No. ZH20211079 for a recent decision finding a variance allowing the installation of multiple permanent signs on and around the Stadium gate areas satisfied the criteria for variances for reasons substantially similar to those presented in this application.

Immediate Vicinity: the exterior signage at TQL Stadium depicted on **Exhibit B** illustrates how this property right is enjoyed by a similarly-situated facility in the vicinity. Specifically, in relation to this variance, Exhibit B shows the use of the canopy roof and canopy sides to recognize a naming rights sponsor in a manner substantially similar to the request made in this application.

Other NFL Stadia: naming rights sponsor-recognition signage on exterior windows and canopies similar to the proposed Temporary Wall Signs is common throughout NFL stadiums (examples from several stadiums can be seen in the attached **Exhibit C**). In the simplest of terms, the Team asks merely for the ability to enjoy its leasehold interest in the Stadium in the same manner as its peer stadium tenants and owners around the country. The Team submits this makes good sense for several reasons. *First,* such signage is quickly becoming a standard part of the NFL stadium experience and, as noted, signs must practically be of a certain size and scale so to be seen by the large crowds that attend NFL games. Indeed twenty-nine of the thirty-two NFL stadia include some form of naming rights sponsorship. *Second,* team naming rights sponsorships and partnerships are a practice among NFL franchises that bring significant benefits to the teams, their sponsors, and the communities that benefit from various activities the teams and sponsors engage in together. *Third,* part of the property right in any stadium is the ability to recognize partners and sponsors on the exterior of that stadium, and to the extent the Team's ability to make such recognition is limited in the absence of the requested variances, the Team is at a competitive disadvantage in attracting naming rights sponsors.

In summary, whether comparing the Temporary Wall Signs to TQL Stadium locally or other NFL stadia nationally, the Team's property right is materially diminished in comparison by strict application of the sign size limitations in the Code.

Meeting the standards outlined in Cincinnati Municipal Code 1445-13

The Temporary Wall Signs are in the public interest, as defined in section 1445-13 of the Cincinnati Municipal Code, in the following ways:

(a) ***Zoning****. The proposed work conforms to the underlying zone district regulations and is in harmony with the general purposes and intent of the Cincinnati Zoning Code or the Land Development Code, as applicable.* The Temporary Wall Signs conform to the underlying zone district regulations and are in harmony with the general purposes and intent of the Cincinnati Zoning Code because the variances will merely adjust the underlying sign regulations to fit more appropriately with the unique size and scale of the Stadium.

(h) ***Neighborhood Compatibility****. The proposed work is compatible with the predominant or prevailing land use, building and structure patterns of the neighborhood surrounding the proposed development and will not have a material net cumulative adverse impact on the neighborhood.* The Temporary Wall Signs, in merely expanding the scope of existing signage at the Stadium, maintain the current compatibility with the surrounding neighborhood. The Stadium sits in the Banks entertainment district, which also includes Great American Ballpark, the National Underground Railroad Freedom Center, the Heritage

Bank Center, and several other entertainment uses, and is therefore filled with extensive signage related to all of those uses. The relative neighborhood compatibility of the Temporary Wall Signs compare favorably, as well, to the approved exterior signs at TQL Stadium, which straddles the border of a residential area of the West End and a mixed-use area of Over-the-Rhine.

(l) ***Economic Benefits***. *The promotion of the Cincinnati economy*. The Temporary Wall Signs will enhance the aesthetic quality and economic vitality of Paul Brown Stadium, which will lead to an enhanced experience for visitors attending Bengals games, and expands the Team's ability to host games and other events that increase activity in the Cincinnati economy. In addition, the Temporary Wall Signs will further the public purpose of the Team's lease with Hamilton County, which includes multiple provisions designed to maximize the Team's ability to generate revenues from its tenancy, including through the use of signage.

(o) ***Private Benefits***. *The economic and other private benefits to the owner or applicant.* The Temporary Wall Signs will allow the Team to recognize naming rights sponsors in a manner consistent with other professional sports stadiums locally and other peer NFL stadiums nationally, which will materially enhance the Team's ability to attract such sponsors and partners.

(p) ***Public Benefits***. *The public peace, health, safety or general welfare*. The Temporary Wall Signs will enhance the aesthetic quality of Paul Brown Stadium as viewed from its exterior by making important signage more clearly visible. In addition, the Temporary Wall Signs will allow the Team to enhance the range and scale of partnership and sponsorship relationships, which relationships regularly include investments in various community programs. For example, current Team sponsorship programs include:

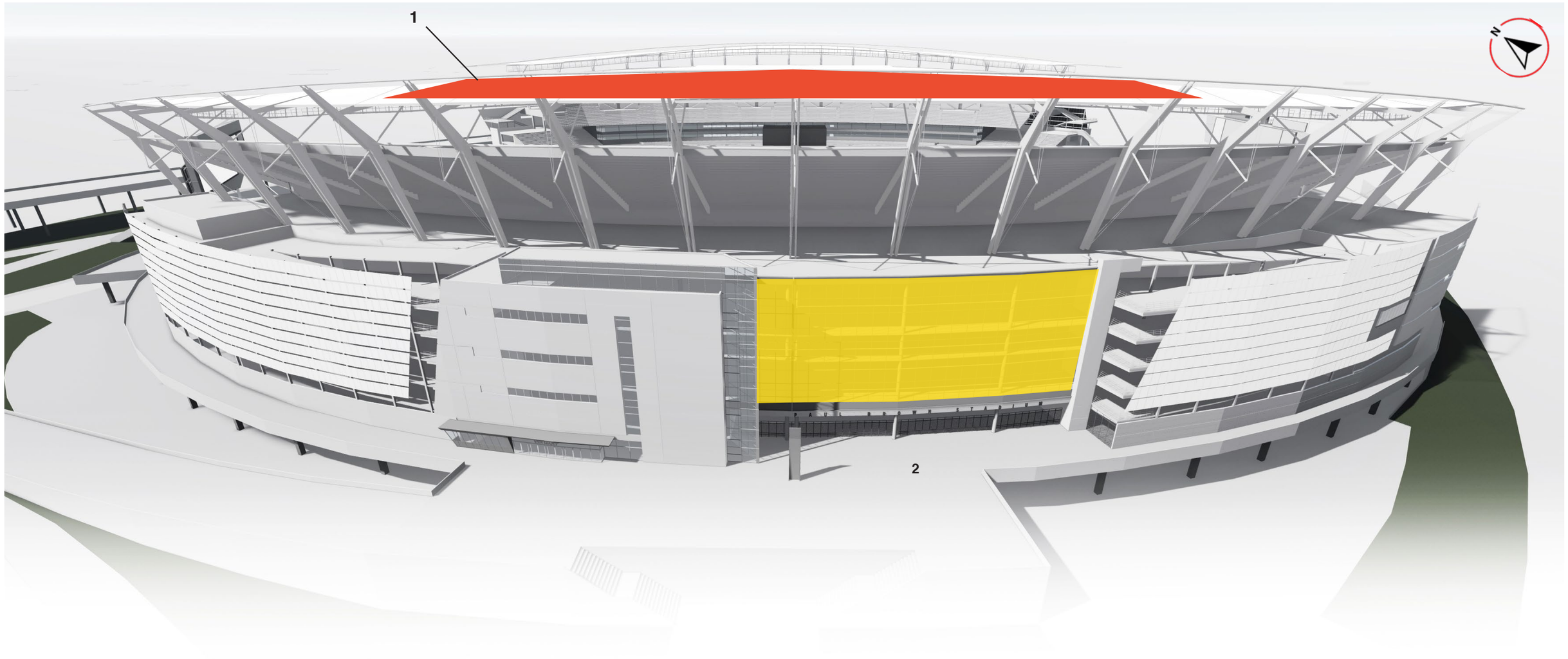
- Bengals Play 60, presented by Care Source: through this program aimed at reversing obesity, the Team hosts multiple Play 60 events in the Greater Cincinnati community throughout the year.
- Fuel Up to Play 60, presented by DMI: an in-school nutrition and physical activity program launched by the National Dairy Council and NFL, in collaboration with the USDA, to help encourage today's youth to lead healthier lives.
- Military Scholarship Giveaway presented by Ohio CAT: this program provides scholarships to current or past military service members pursuing higher education.
- Bengals High School Football Tour presented by Ohio CAT: this tour visited 10 high school football games throughout the Greater Cincinnati area during the 2021 high school football season and will return in 2022.

EXHIBIT A

TEMPORARY SPONSOR STADIUM SIGNAGE
EXTERIOR SIGNAGE ZONING

Elevar Design Group
2022.07.22





CANOPY - WEST

1 **“Temporary Canopy - West”**
Type: Banner or Similar
Lighting: TBD
Size: **64’ X 350’ = 22,400 SF**

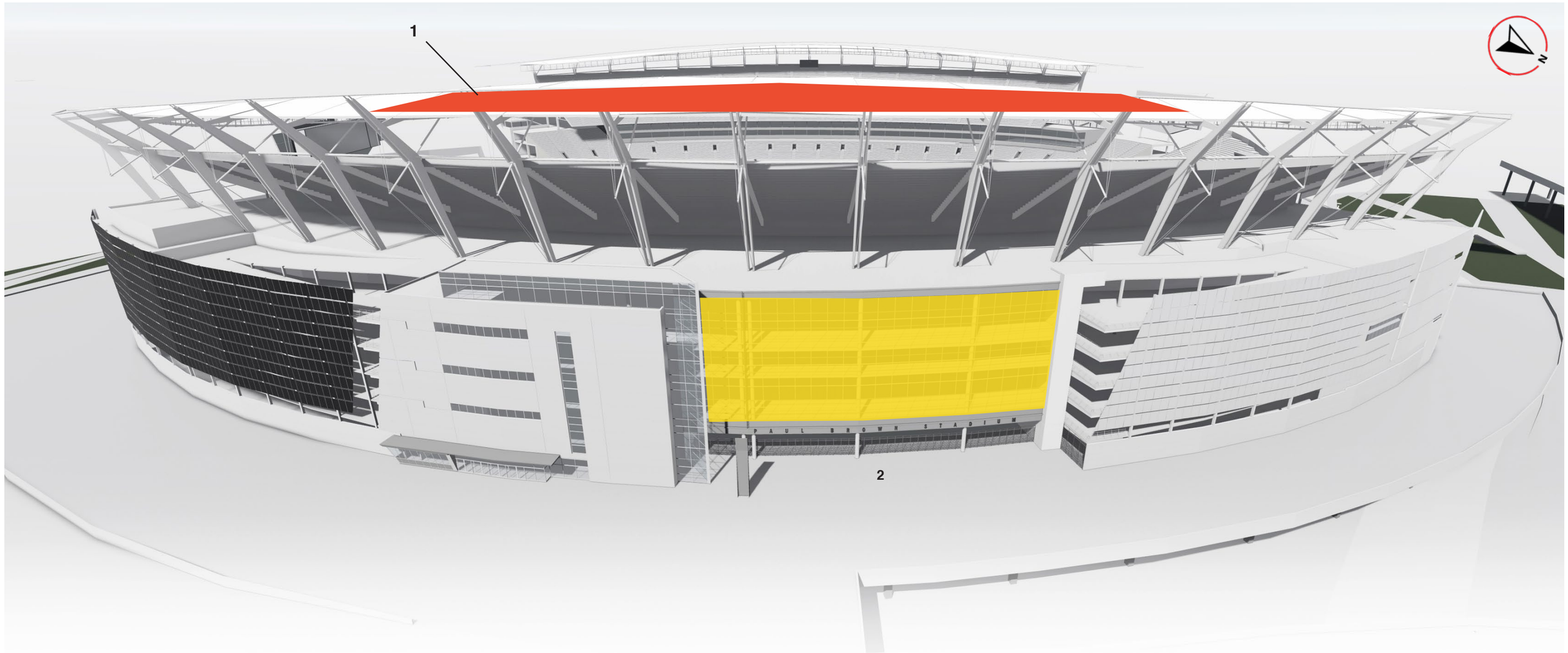
WINDOW SIGNAGE - WEST

2 **“Temporary Window Cling - West”**
Type: Window Cling
Lighting: TBD
Size: **142’ x 51’ = 7,242 SF**

Grand Total: **29,642 SF**

Temporary Exterior Stadium Signage – West Side

2 • Team Sponsor Stadium Signage – Exterior Signage Zoning



CANOPY - EAST

1 **“Temporary Canopy - East”**
Type: Banner or Similar
Lighting: TBD
Size: **64’ X 350’ = 22,400 SF**

WINDOW SIGNAGE - EAST

2 **“Temporary Window Cling - East”**
Type: Window Cling
Lighting: TBD
Size: **142’ x 51’ = 7,242 SF**

Grand Total: **29,642 SF**

Temporary Exterior Stadium Signage – East Side

3 • Team Sponsor Stadium Signage – Exterior Signage Zoning

THANK YOU

Elevar Design Group
Cincinnati
555 Carr St
elevar.com

Elevating
the game.

EXHIBIT B

EXTERIOR SIGNAGE // SOUTH EAST VIEW

EXHIBIT B



1. "[CORPORATE SPONSOR] STADIUM"
TYPE: A
PURPOSE: STADIUM NAMING RIGHTS
MATERIAL: PAINT
LIGHTING: N/A
SIZE: **330' X 36.5'** ≈ **12,045** SQF

2. "[CORPORATE SPONSOR] STADIUM"
TYPE: A
PURPOSE: STADIUM NAMING RIGHTS
MATERIAL: PAINT
LIGHTING: N/A
SIZE: **330' X 36.5'** ≈ **12,045** SQF

3. "[CORPORATE SPONSOR] STADIUM"
TYPE: B
PURPOSE: STADIUM NAMING RIGHTS
MATERIAL: BLACK OR SPONSOR BRAND COLOR
LIGHTING: BACKLIT
SIZE: **85.4' X 9.4'** ≈ **803** SQF

4. "[CORPORATE SPONSOR] STADIUM"
TYPE: B
PURPOSE: STADIUM NAMING RIGHTS
MATERIAL: BLACK OR SPONSOR BRAND COLOR
LIGHTING: BACKLIT
SIZE: **85.4' X 9.4'** ≈ **803** SQF

5. "[CORPORATE SPONSOR] GATE"
TYPE: B
PURPOSE: ENTRY GATE
MATERIAL: BLACK OR SPONSOR BRAND COLOR
LIGHTING: BACKLIT
SIZE: **56' X 4.2'** ≈ **235** SQF

6. "[CORPORATE SPONSOR] PLAZA"
TYPE: C
PURPOSE: LOCATION NAMING RIGHTS
MATERIAL: STAINLESS STEEL
LIGHTING: BACKLIT
SIZE: **70' X 6.5'** ≈ **455** SQF

7. 7a: "EAST GATE" / 7b: GARAGE
TYPE: C
PURPOSE: ENTRY GATE
MATERIAL: STAINLESS STEEL
LIGHTING: BACKLIT
SIZE: **14.8' X 2.2'** ≈ **33** SQF

8. "[CORPORATE SPONSOR] GATE"
TYPE: B
PURPOSE: ENTRY GATE
MATERIAL: BLACK OR SPONSOR BRAND COLOR
LIGHTING: BACKLIT
SIZE **61' X 4.2'** ≈ **256** SQF

9. "[CORPORATE SPONSOR] STADIUM"
TYPE: C
PURPOSE: LOCATION NAMING RIGHTS
MATERIAL: SAME AS THE FACADE
LIGHTING: RECESSED ILLUMINATION
9.a SIZE: **75' X 8.3'** ≈ **623** SQF
9.b SIZE: **59' X 6.5'** ≈ **384** SQF

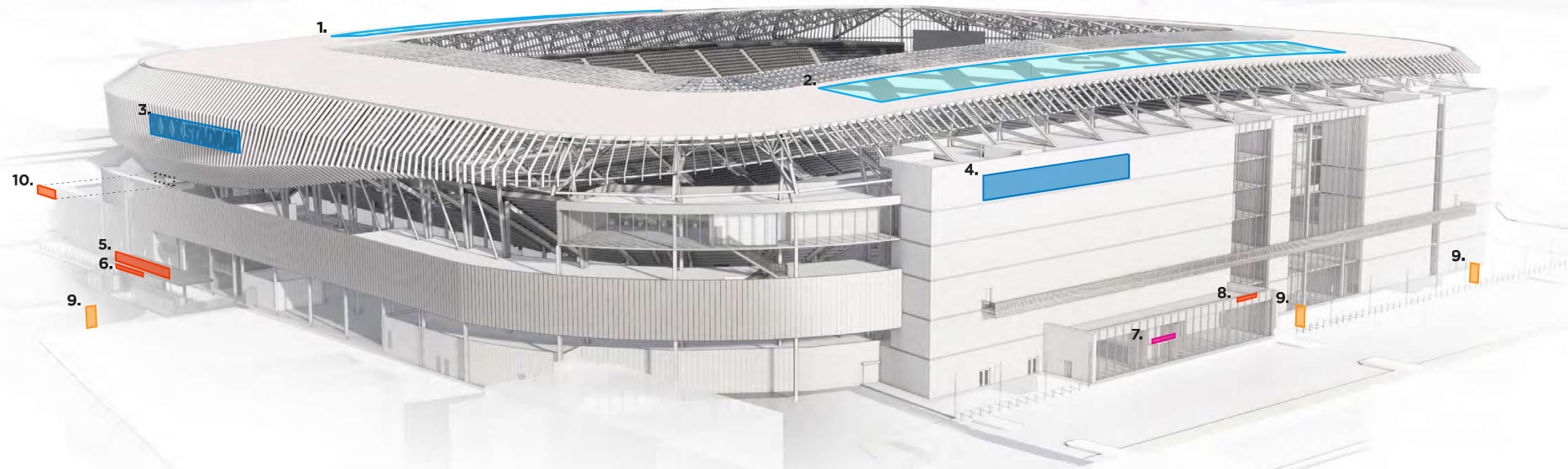
10. "WELCOME TO "[CORPORATE SPONSOR] STADIUM""
TYPE: C
PURPOSE: WAYFINDING
MATERIAL: STAINLESS STEEL
LIGHTING: BACKLIT
SIZE: **26.7' X 1.6'** ≈ **43** SQF

11. PYLON
TYPE: D
PURPOSE: WAYFINDING
MATERIAL: TBD
SIZE: **4' X 9'** ≈ **36'** SQF

12. THROUGH-WALL TICKETING
TYPE: C
PURPOSE: WAYFINDING
MATERIAL: STAINLESS STEEL
LIGHTING: BACKLIT
SIZE: **20' X 4.2'** ≈ **84'** SQF

SIGNAGE TYPE: ENTRY GATE | STADIUM NAMING RIGHTS | STADIUM NAMING RIGHTS (AERIAL) | LOCATION NAMING RIGHTS | PYLON | BOX OFFICE

EXTERIOR SIGNAGE // NORTH WEST VIEW



1. "[CORPORATE SPONSOR] STADIUM"
TYPE: A
PURPOSE: STADIUM NAMING RIGHTS
MATERIAL: PAINT
LIGHTING: N/A
SIZE: **330' X 36.5'** ≈ **12,045** SQF

2. "[CORPORATE SPONSOR] STADIUM"
TYPE: A
PURPOSE: STADIUM NAMING RIGHTS
MATERIAL: PAINT
LIGHTING: N/A
SIZE: **330' X 36.5'** ≈ **12,045** SQF

3. "[CORPORATE SPONSOR] STADIUM"
TYPE: B
PURPOSE: STADIUM NAMING RIGHTS
MATERIAL: BLACK OR SPONSOR BRAND COLOR
LIGHTING: BACKLIT
SIZE: **85.4' X 9.4'** ≈ **803** SQF

4. "[CORPORATE SPONSOR]"
TYPE: B
PURPOSE: STADIUM NAMING RIGHTS
MATERIAL: BLACK OR SPONSOR BRAND COLOR
LIGHTING: BACKLIT
SIZE: **85.4' X 9.4'** ≈ **803** SQF

5. "[CORPORATE SPONSOR] GATE"
TYPE: B
PURPOSE: STADIUM NAMING RIGHTS
MATERIAL: BLACK OR SPONSOR BRAND COLOR
LIGHTING: BACKLIT
SIZE: **56' X 4.2'** ≈ **235** SQF

6. "WELCOME TO [CORPORATE SPONSOR] STADIUM"
TYPE: C
PURPOSE: WAYFINDING
MATERIAL: STAINLESS STEEL
LIGHTING: BACKLIT
SIZE: **26.7' X 1.6'** ≈ **43** SQF

7. "[CORPORATE SPONSOR]"
TYPE: C
PURPOSE: LOCATION NAMING RIGHTS
MATERIAL: STAINLESS STEEL
LIGHTING: BACKLIT
SIZE: **14' X 1.5'** ≈ **21** SQF

8. "VIP ENTRANCE"
TYPE: C
PURPOSE: ENTRY GATE
MATERIAL: STAINLESS STEEL
LIGHTING: BACKLIT
SIZE: **13.5' X 1.5'** ≈ **20** SQF

9. PYLON
TYPE: D
PURPOSE: WAYFINDING
MATERIAL: TBD
SIZE: **4' X 9'** ≈ **36'** SQF

10. GARAGE
TYPE: C
PURPOSE: ENTRY GATE
MATERIAL: STAINLESS STEEL
LIGHTING: BACKLIT
SIZE: **14.8' X 2.2'** ≈ **33** SQF

SIGNAGE TYPE: ENTRY GATE | STADIUM NAMING RIGHTS | STADIUM NAMING RIGHTS (AERIAL) | LOCATION NAMING RIGHTS | PYLON | BOX OFFICE

EXHIBIT C

NFL Sponsorships (window & roof graphics)















NIC RIVERBANKS RETAIL TWO LLC
1033 DEMONBREUN ST SUITE 630
NASHVILLE TN 37203

CINCINNATI DOCK PROPERTIES INC
1300 TATER KNOB RD
PEEBLES OH 45660

BOARD OF COUNTY COMMISSIONERS OF HAMILTON COUNTY
138 EAST COURT ST
CINCINNATI OH 45202

CORELOGIC
3001 HACKBERRY RD
IRVING TX 750630156

HILLTOP BASIC RESOURCES
50 E RIVERCENTER BLVD SUITE 1000
COVINGTON KY 41011

OHIO DEPT TRANSPORTATION DISTRICT 8
505 STATE ROUTE 741
LEBANON OH 45036

302 WEST THIRD TEI INVESTORS LLC@4
55 FIFTH AVE 15TH FLOOR C/O TIME EQUITIES
NEW YORK NY 10003

LONGWORTH HALL LLC
700 W PETER ROSE WAY #137
CINCINNATI OH 45203

THIRD STREET ASSOCIATES
7374 RIVERPOINT LN
CINCINNATI OH 45255

CENTRAL R R CO OF INDIANA
GENESEE & WYOMING RAILROA 200
MERIDIAN CENTRE BLVD SUITE 300
ROCHESTER NY 14618

DOWNTOWN RESIDENTS COUNCIL
P.O. BOX 868
CINCINNATI, OH 45201

CINCINNATI BENGALS
1 PAUL BROWN STADIUM
CINCINNATI, OH 45202

TAFT LAW
425 WALNUT STREET STE. 1800
CINCINNATI, OH 45202
ATTN: LUKE BLOCHER

September 13, 2022

Cincinnati City Council
Council Chambers, City Hall
Cincinnati, Ohio 45202

Dear Members of Council:

We are transmitting herewith an Emergency Ordinance captioned as follows:

> **AUTHORIZING** the installation of certain signage on the stadium located at 1 Paul Brown Stadium in the Central Business District NOTWITHSTANDING the provisions of Section 1411-39, "Signs" of Chapter 1411, "Downtown Development Districts," of the Cincinnati Municipal Code.

Summary:
The Cincinnati Bengals request a Notwithstanding Ordinance (NWO) to permit the installation of permanent signage located at Paycor Stadium (formerly known as Paul Brown Stadium). The renaming of Paul Brown Stadium is universal in both the NFL and other sports arenas throughout the country. The applicant is requesting relief from the total number and dimensional sign limitations contained in Section 1411-39 of the Code to allow for the installation of the proposed signage (Exhibit D).

The City Planning Commission considered this Notwithstanding Ordinance at its August 19, 2022, meeting and their recommendation will be presented to City Council.

Motion to Approve:	Ms. Kearney	Ayes:	Mr. Eby
			Ms. Kearney
Seconded:	Mr. Weber		Mr. Stallworth
			Mr. Weber

THE CITY PLANNING COMMISSION

Katherine Keough-Jurs

_____
Katherine Keough-Jurs, FAICP, Director
Department of City Planning and Engagement

city of CINCINNATI
Interdepartment Correspondence Sheet

September 13, 2022

To: Mayor and Members of City Council 202201710

From: John Curp, Interim City Manager

Subject: Ordinance – Major Amendment to the Concept Plan and Program Development Statement, PD-64, Oakley Station, Oakley Yards

---

Transmitted is an Ordinance captioned:

> **APPROVING** a major amendment to the concept plan and development program statement governing a portion of Planned Development No. 64 – Phase 2B located south of Vandercar Way in the Oakley neighborhood to eliminate a proposed office building and to permit the development of an entertainment complex consisting of eating and drinking uses and recreation and entertainment uses.

Summary

In May 2011, City Council approved a zone change to create Planned Development #64 (PD-64), Oakley Station. On October 21, 2015, City Council approved a Major Amendment for a 90,000 square foot office building within PD-64 on this site at 3065 Vandercar Way. The proposed office building has not been built and the site is currently vacant.

A Major Amendment to the Concept Plan and the Development Program Statement has been requested for the following reason:

- To allow for a bar/restaurant/recreational/entertainment complex on this site instead of the previously proposed 90,000 square foot office building.

The staff of the Department of City Planning and Engagement supports the proposed Major Amendment to the Concept Plan and Development Program Statement for the proposed bar/restaurant/recreational/entertainment complex in PD-64 for the following reasons:

1. The proposal will not negatively impact the existing character of the surrounding area;
2. The proposal will provide a new variety of uses in the City;
3. The proposal is supported by the Oakley Community Council; and
4. The proposal is consistent with *Plan Cincinnati* (2012) and the *Oakley Master Plan* (2019).

On August 19, 2022, the City Planning Commission voted unanimously to recommend approval of the Major Amendment to the Concept Plan and Development Program Statement for PD-64, Oakley Station, for an entertainment complex in Oakley to City Council.

cc: Katherine Keough-Jurs, FAICP, Director, Department of City Planning and Engagement

City Business List

MEH

EESW

City of Cincinnati

An Ordinance No. _____ - 2022

APPROVING a major amendment to the concept plan and development program statement governing a portion of Planned Development No. 64 – Phase 2B located south of Vandercar Way in the Oakley neighborhood to eliminate a proposed office building and to permit the development of an entertainment complex consisting of eating and drinking uses and recreation and entertainment uses.

WHEREAS, USS Realty, LLC ("USS") is the owner of an approximately 73-acre site located near the southwest corner of Marburg Avenue and Madison Road in the Oakley neighborhood ("Oakley Station"), which property Council rezoned from Planned Development District No. 36 to Planned Development District No. 64 ("PD-64") pursuant to Ordinance No. 147-2011; and

WHEREAS, the Oakley Station development is a phased development that consists of various restaurant, retail, office, theater, and residential uses; and

WHEREAS, since the establishment of PD-64 in 2011, Council has approved several major amendments to its concept plan and development program statement pursuant to Ordinance No. 43-2012, Ordinance No. 179-2013, Ordinance No. 240-2015, Ordinance No. 333-2015, and Ordinance No. 10-2017; and

WHEREAS, USS has requested an additional major amendment to the provisions of PD-64's concept plan and development program statement that govern a portion of Phase 2B located south of Vandercar Way to eliminate a proposed office building and to permit the establishment of an entertainment complex consisting of eating and drinking uses and recreation and entertainment uses; and

WHEREAS, the proposed entertainment complex would be constructed on an approximately 3.44-acre site and would include two 18-hole miniature golf courses, flexible outdoor space and play areas for gathering and recreating, and an 8,500-square foot "food hall" containing a bar, four food vendors, restrooms, and a seating area; and

WHEREAS, Cincinnati Municipal Code ("CMC") Section 1429-12(b) of the Zoning Code provides that changes in the uses allowed under an approved concept plan constitute a major amendment to the concept plan that requires approval of the City Planning Commission and Council in the same manner as a zoning map amendment; and

WHEREAS, at its regularly scheduled meeting on August 19, 2022, the City Planning Commission approved the proposed major amendment to the concept plan and development program statement for PD-64, finding it in accordance with CMC Sections 1429-09 and

1429-11(a); and

WHEREAS, the proposed major amendment to the concept plan and development program statement for PD-64 is consistent with the Compete Initiative Area of *Plan Cincinnati* (2012) and more particularly its goal to "[c]ultivate our position as the most vibrant and economically healthiest part of our region" (page 114); and

WHEREAS, the proposed major amendment to the concept plan and development program statement for PD-64 is further consistent with the *Oakley Master Plan* (2019), particularly with the Managing Our Future Growth Focus Area and Goal 1 to "[a]ssure that future growth is guided by zoning and planning that will preserve Oakley as a thriving, unique, and pedestrian-scaled urban neighborhood" (page 80); and

WHEREAS, a committee of Council held a public hearing on the major amendment to the concept plan and development program statement for PD-64 following due and proper notice pursuant to CMC Section 111-1, and the committee approved the major amendment, finding it in the interest of the general public's health, safety, morals, and general welfare; and

WHEREAS, Council considers the major amendment to the PD-64 concept plan and development program statement to be in the best interests of the City and the public's health, safety, morals, and general welfare; now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That the zoning map, concept plan, and development program statement for Planned Development No. 64 are hereby amended to incorporate the concept plan amendment, attached hereto as Exhibit A and incorporated herein by reference, and the development program statement amendment, attached hereto as Exhibit B and incorporated herein by reference, which amendments shall eliminate a proposed office building and permit the development of an entertainment complex consisting of eating and drinking uses and recreation and entertainment uses within a portion of Phase 2B of Planned Development No. 64 located south of Vandercar Way.

Section 2. That, to the extent the concept plan and development program statement for Planned Development No. 64 are not amended herein, they remain in full force and effect.

Section 3. That this ordinance shall take effect and be in force from and after the earliest period allowed by law.

Passed: _____, 2022

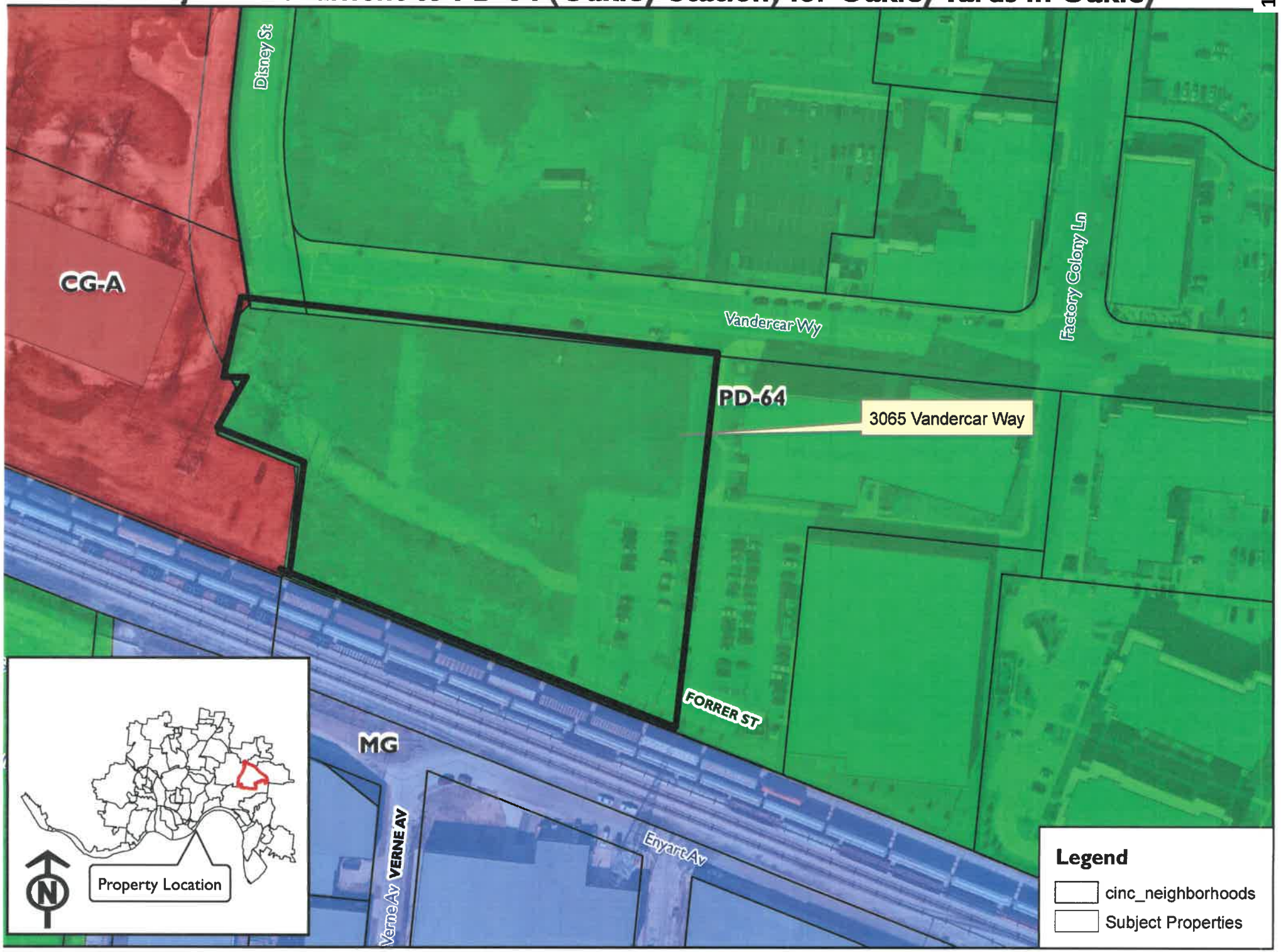
_____
Aftab Pureval, Mayor

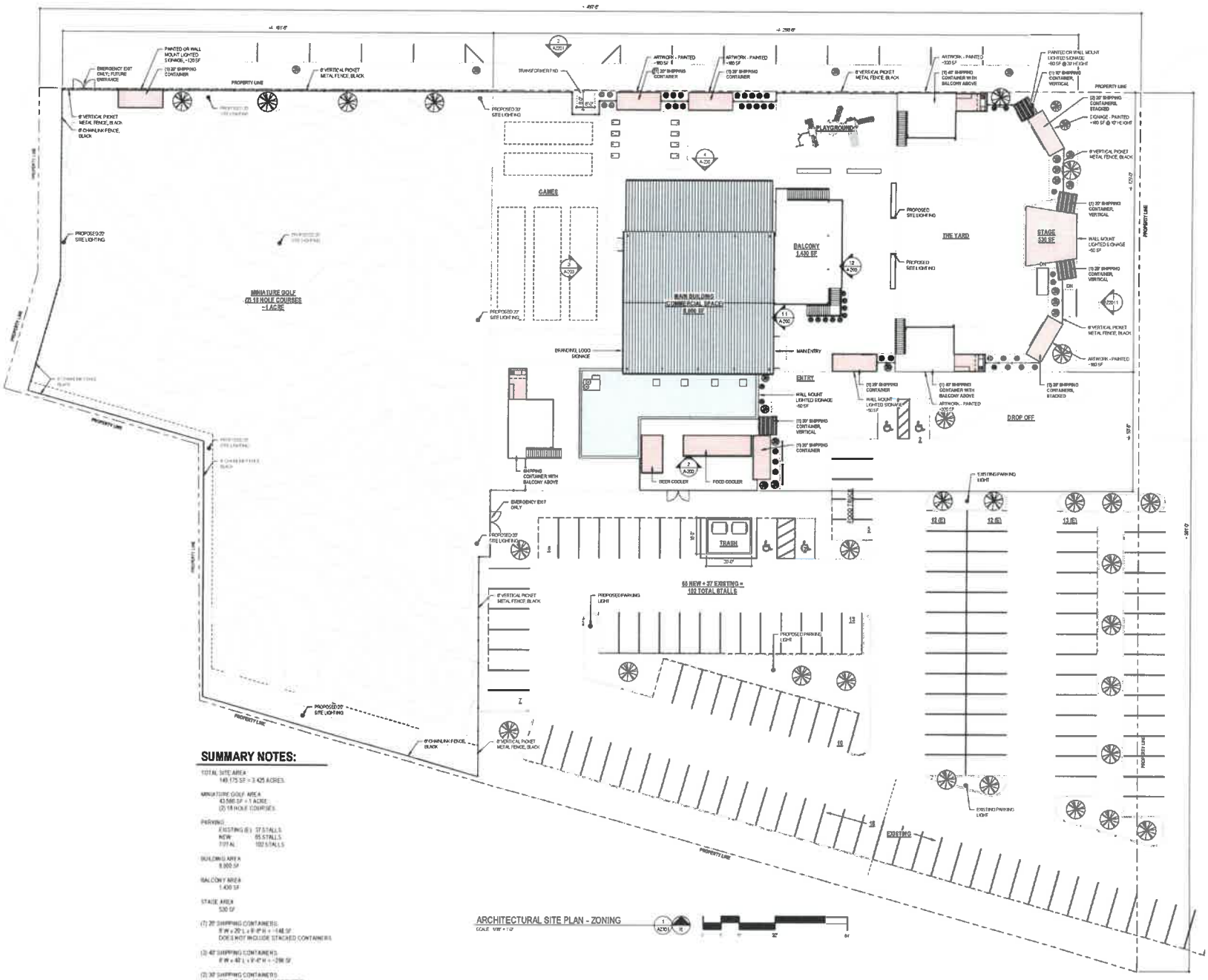
Attest: _____
Clerk

EXHIBIT A

Major Amendment to PD-64 (Oakley Station) for Oakley Yards in Oakley

1208





SUMMARY NOTES:

TOTAL SITE AREA
149,175 SF = 3.425 ACRES

MINIATURE GOLF AREA
43,560 SF = 1 ACRE
(2) 18 HOLE COURSES

PARKING
EXISTING (E) 37 STALLS
NEW 65 STALLS
TOTAL 102 STALLS

BUILDING AREA
8,000 SF

BALCONY AREA
1,430 SF

STAGE AREA
530 SF

(7) 20' SHIPPING CONTAINERS
8' W x 20' L x 9'-6" H = ~148 SF
DOES NOT INCLUDE STACKED CONTAINERS

(3) 40' SHIPPING CONTAINERS
8' W x 40' L x 9'-6" H = ~298 SF

(2) 30' SHIPPING CONTAINERS
8' W x 8' 6 L x 30' H - UNOCCUPIED

ARCHITECTURAL SITE PLAN - ZONING
SCALE 1/16" = 1'-0"

elevar DESIGN GROUP

CURO

OAKLEY YARD
VANDERCAR WAY, OAKLEY, CINCINNATI, OH 45209

CURO GROUP
121 EAST 4TH STREET, COVINGTON, KY

NOT FOR CONSTRUCTION

ISSUED	DATE
ZAR/DEV DECKING	03/01/22

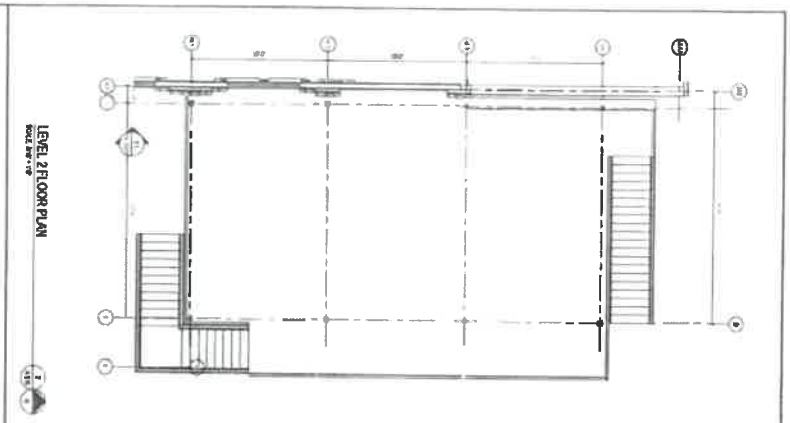
SHEET TITLE
ARCHITECTURAL SITE PLAN

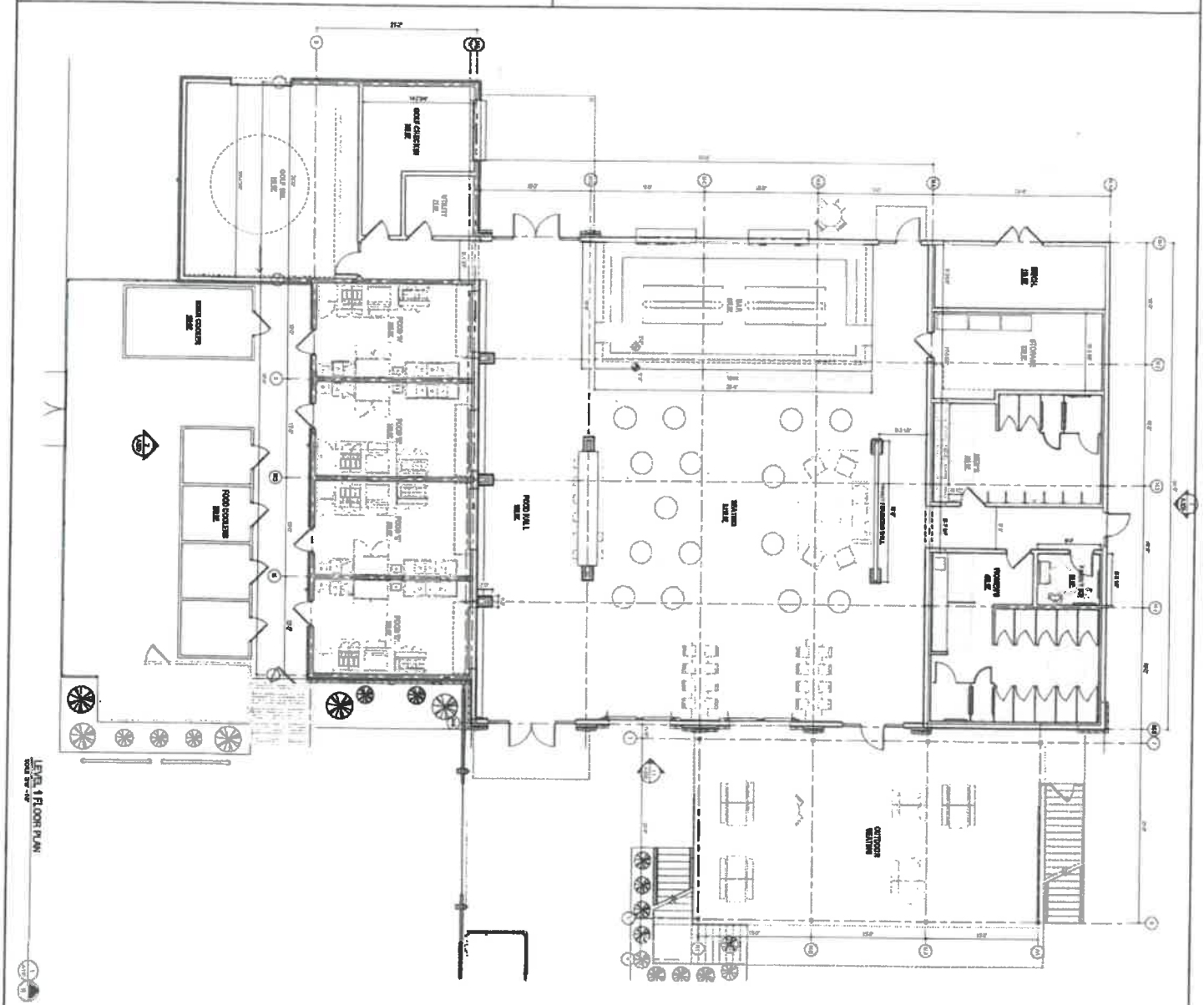
SCALE	CLIENT No.
1/16" = 1'-0"	1/2" = 1'-0"
DRAWN BY	DATE
JPG	04/07/2022

SHEET #
AZ101

THIS DRAWING IS PART OF A SET

ELEVATION - EAST
ELEVATION - EAST (BLDG. FACE)
ELEVATION - SOUTH
ELEVATION - WEST
ELEVATION - NORTH
NOT FOR CONSTRUCTION
OAKLEY YARD
VANDERCAR WAY, OAKLEY, CINCINNATI, OH 45209
CURO GROUP
121 EAST 4TH STREET, COVINGTON, KY
CURO
elevar
EXTERIOR ELEVATIONS
A-200





NOT FOR CONSTRUCTION

OAKLEY YARD

CURO GROUP

CURO

elevar

A-110

BUILDING FLOOR PLANS

Attachment E

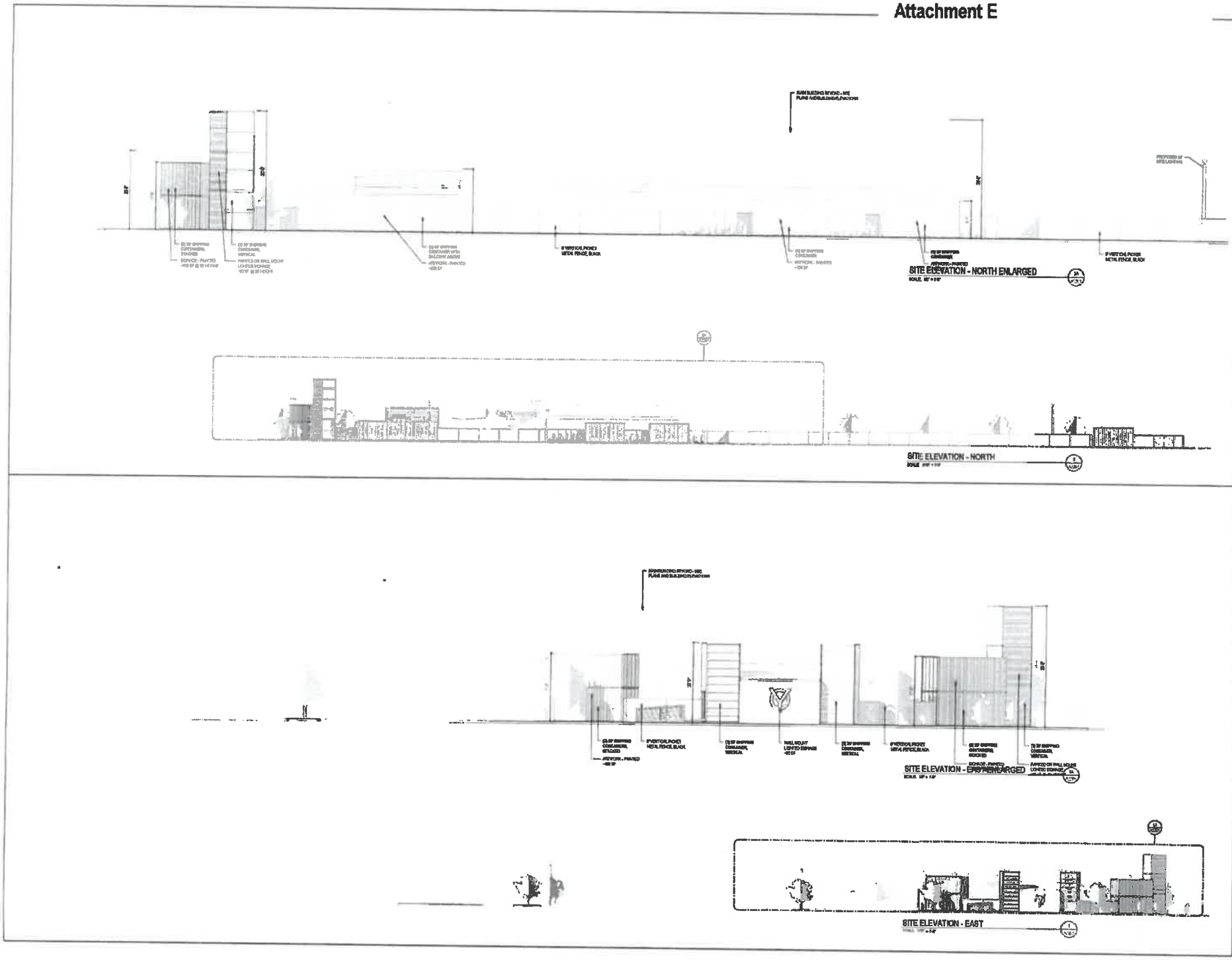


EXHIBIT B

Oakley Yard
Program Statement

In May of 2011, the City of Cincinnati approved PD #64, which was a 73 acre planned mixed use development in Oakley that was to include retail, restaurants, offices, entertainment, and residential uses. Since its approval, PD# 64 has had a number of amendments approved to allow the large development to remain responsive to the changing development environment. The 13.6 acres contained in Auditors Parcel 051-0001-0071-00 at 3065 Vandercar Way was designated on the PD #64 Concept Plan as part of the Office "B" site. Since this approval, there have been significant changes to the office market, and the site remains largely vacant with some off-street parking.

Curō has obtained the opportunity to develop 3.44 acres of the 13.6 acre parcel as an entertainment/recreation venue. As the developers of Covington Yard, at 401 Greenup Street in Covington, the proposed development group has established a successful record of creating fun entertainment venues that offer a variety of food and activity options. The development would include two 18 hole miniature golf courses on the western portion of the site. The miniature golf area, which utilizes approximately one acre of the site, will have different skill levels on the two courses and will more closely resemble a traditional golf course in appearance. To the east of the golf courses will be an 8,500 square Food Hall which contains a bar, four food vendors, restrooms, and seating area. Adjacent to the Food Hall to the east will be a 1,430 square foot outdoor area for enjoying food and beverages. Further to the east and north, along the perimeter of the site, there will be a series of 12 shipping containers which will be used as gathering spots for visitors. This perimeter area will also feature a playground and a 550 square foot stage for live music. Enclosed within this area, "The Yard" will contain outdoor seating, TV screens, and outdoor games. The miniature golf courses, as well as "The Yard" area used for gathering and games, will all be permeable surface. The development will be served by 102 parking spaces on the southern portion of the site. Entry to the development will be on the south side of the courtyard, east of the Food Hall.

The proposed development is consistent with a number of recommendations contained in plans adopted by the City.

Oakley Master Plan 2019:

1) The Oakley Yard development is to be just east of the proposed pedestrian tunnel under the railroad tracks, allowing residents to the south of Oakley Station to enjoy the same walkability/connectivity as those located within Oakley Station. This will increase the volume of pedestrians within the area and connect to the site via existing sidewalks.

2) Bike racks will be provided at Oakley Yard in anticipation of the number of customers who will choose biking as a means to visit the site.

3) Oakley has a vision of growing a strong collection of local businesses which are unique to Oakley. Oakley Yard would add an entertainment venue not currently available in the community.

4) The developers of Oakley Yard met with the Oakley Community Council on a number of occasions, and have responded to suggestions regarding the development, obtaining the Community Council's support for the project.

Plan Cincinnati 2012:

1) Focus revitalization on existing venues of activity, of which Oakley is one. The Oakley Station development has been one of the most significant revitalization efforts in the City and certainly within the Oakley community. Bringing Oakley Yard to the development adds an entertainment element currently not available.

2) The Oakley Station development is included in the "Madison Road Corridor" which is identified as one of three corridors where strategic growth is designated to occur.

3) Provisions have been made adjacent to and within the development to promote both pedestrian and bike transportation to Oakley Station and the proposed development.

4) The development of a community gathering place for entertainment, recreation, and socializing promotes the creation of a more robust public life.

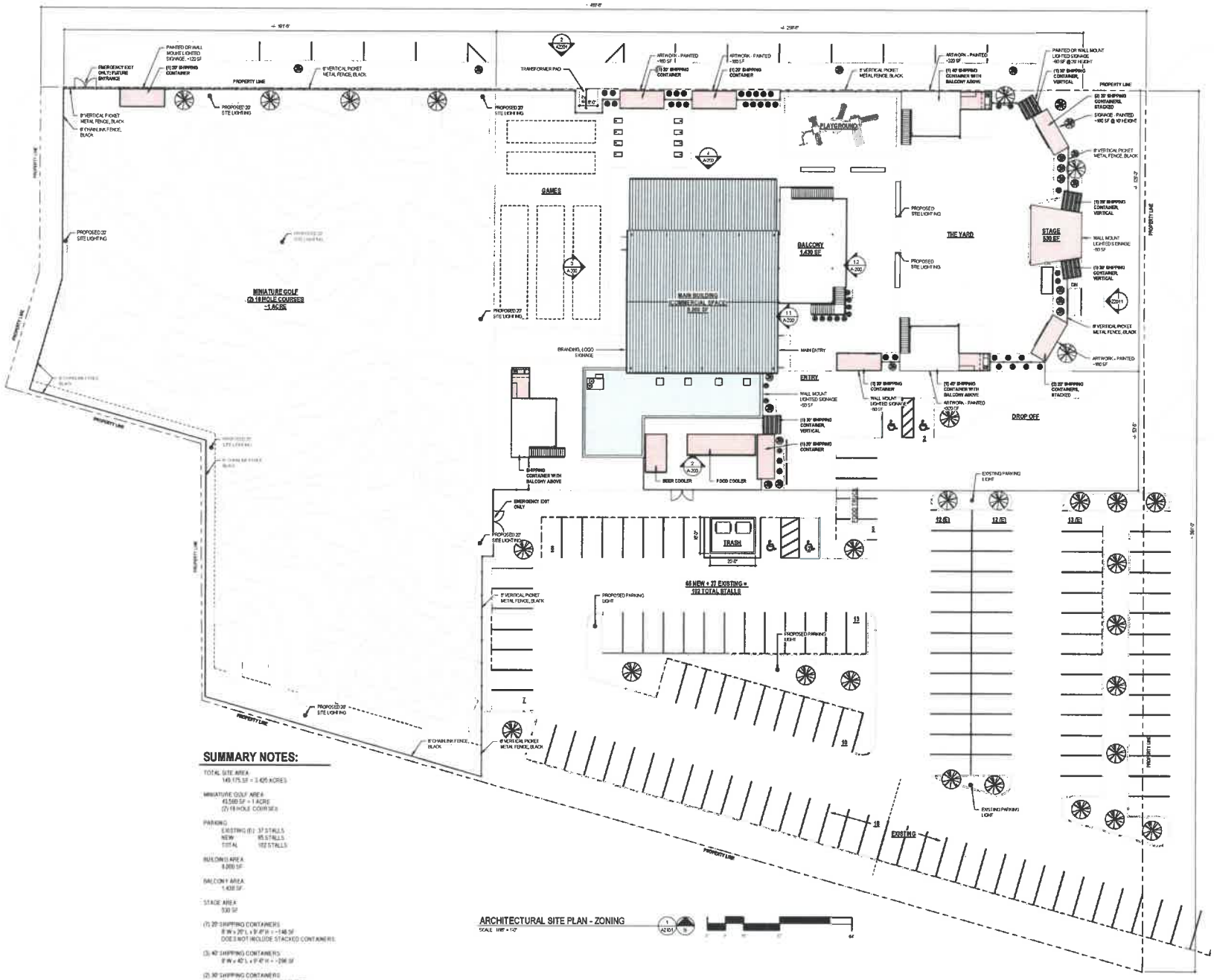
To allow the Oakley Yard development to move forward, a Major Amendment to PD #64 is being requested to change a portion of the approved Concept Plan from "Office" to "Recreation and Entertainment with food" and approve the Concept Plan for Oakley Yard. As mentioned, Curō has met on several occasions with the Oakley Community Council. At their December 7, 2021 meeting, the Council voted to support the Major Amendment to PD #64 to allow the site to be developed as an eating and outdoor entertainment venue. If the Major Amendment is approved, Curō anticipates beginning construction upon receiving the necessary permits from the City, and opening Spring of 2023.

We believe that the requested modification to PD #64 will allow for the development of a unique entertainment venue that will be a contributing focal point for the Oakley community. Given its location, the Oakley Yard will provide a gathering spot for Oakley residents and visitors, whether they are coming by car, bike, or on foot. This unique use will add another opportunity to strengthen and promote the wonderful place Oakley has become to live, work, and play.

EXHIBIT A

Major Amendment to PD-64 (Oakley Station) for Oakley Yards in Oakley





elevar DESIGN GROUP

CURO

OAKLEY YARD
WAREBEACAR WAY, OAKLEY, CINCINNATI, OH 45209
CURO GROUP
121 EAST 4TH STREET, COVINGTON, KY

NOT FOR CONSTRUCTION

ISSUED	DATE
CAB DEV DESIGN	10/07/22

SHEET TITLE
ARCHITECTURAL SITE PLAN

SCALE	DRAWN by
1/16" = 1'-0"	SCOTT
DRAWING	DATE
SHEET	SHEET 02

SHEET #
AZ101
THIS DRAWING IS PART OF A SET

NOT FOR CONSTRUCTION

OAKLEY YARD

VANDERCAR WAY, OAKLEY, CINCINNATI, OH 45209

CURO GROUP

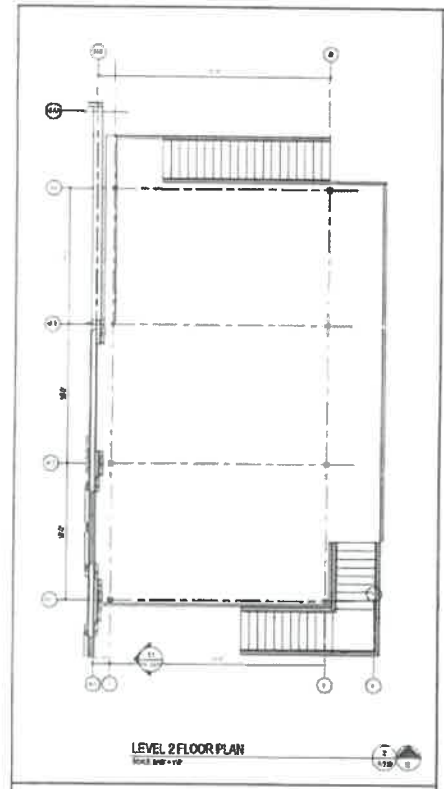
171 EAST 4TH STREET, COVINGTON, KY

CURO

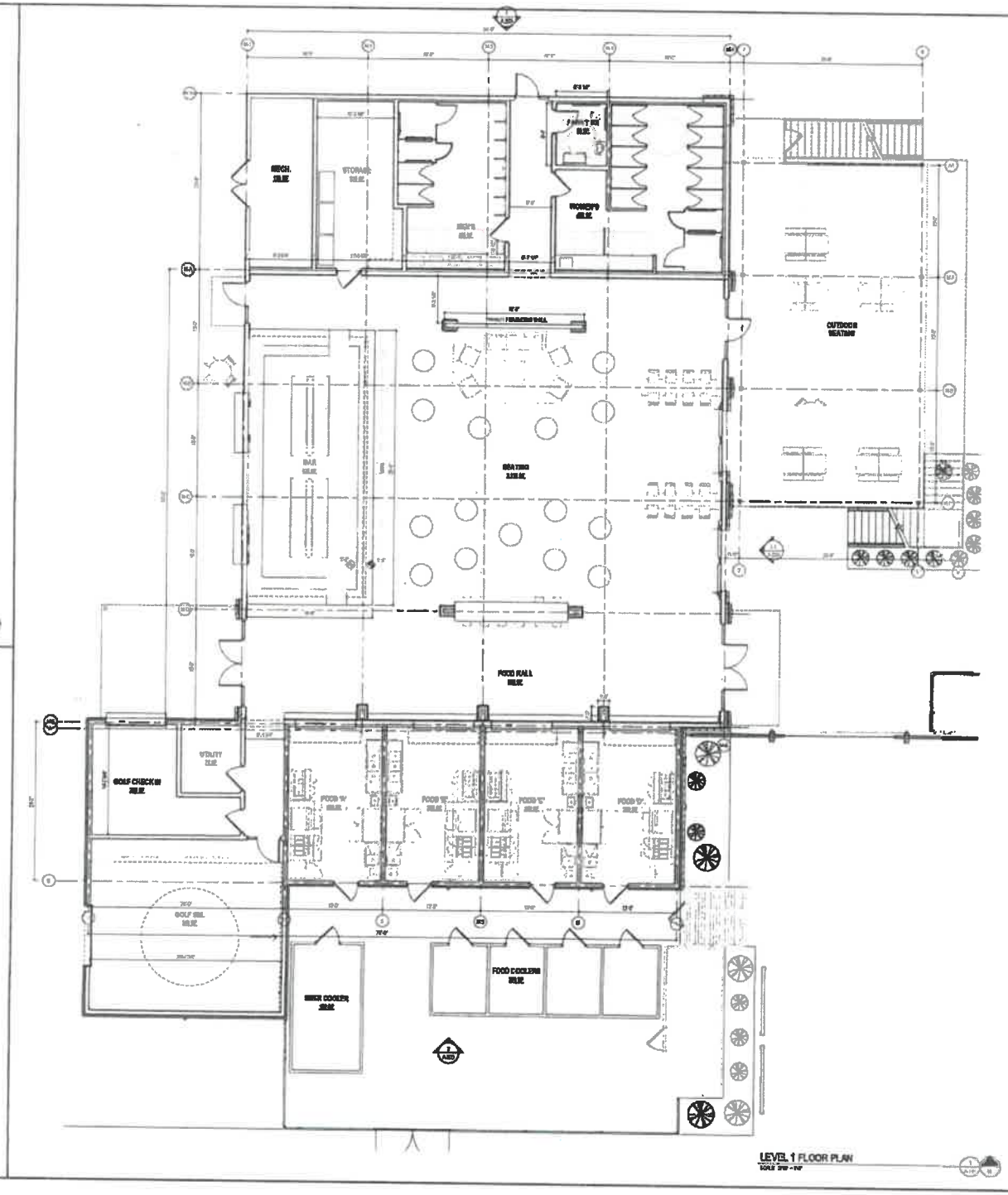
elevar

EXTERIOR ELEVATIONS

A-200



LEVEL 2 FLOOR PLAN



LEVEL 1 FLOOR PLAN

GENERAL NOTES

KEY NOTES

DRAWING NOTES

elevar DESIGN GROUP

CURO

OAKLEY YARD

VANDERGAR WAY, OAKLEY, CINCINNATI, OH 45209

CURO GROUP

121 EAST 4TH STREET, COVINGTON, KY

NOT FOR CONSTRUCTION

SHEET SIZE

BUILDING FLOOR PLANS

SCALE

DRAWN BY

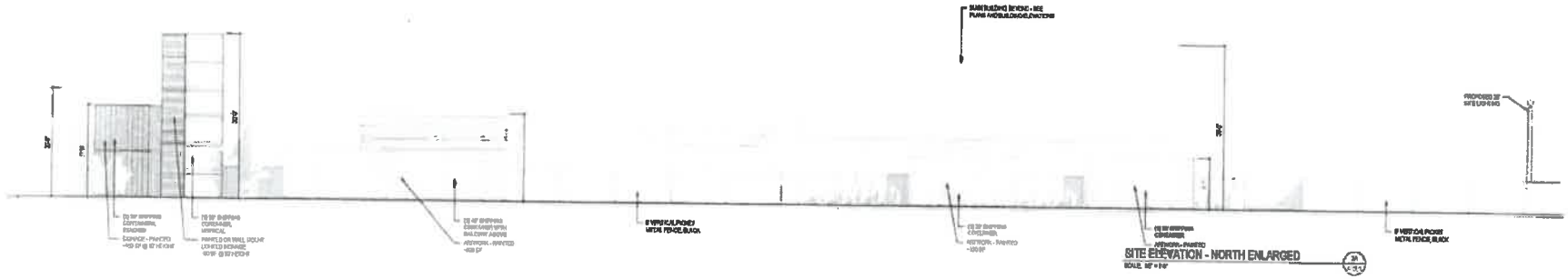
CHECKED BY

DATE

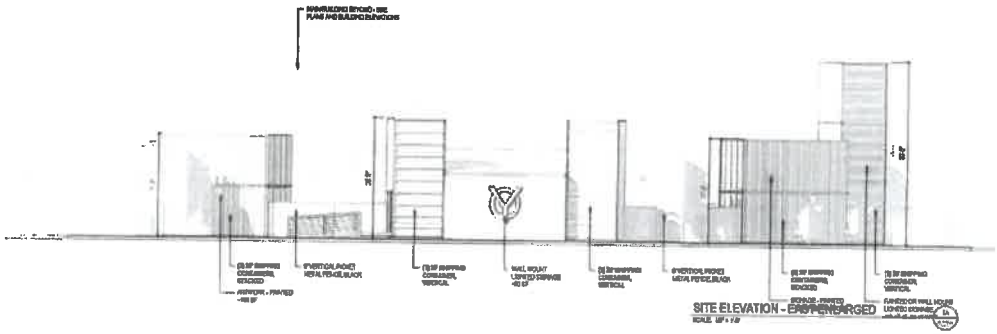
SHEET NO.

A-110

Attachment E









elevar design group

CURO

OAKLEY YARD
WASHINGTON WAY, OAKLEY, CINCINNATI, OH 45209
CURO GROUP
123 EAST 4TH STREET, CINCINNATI, OH

NOT FOR CONSTRUCTION

SHEET TITLE
SITE ELEVATIONS

AZ201

EXHIBIT B

Oakley Yard
Program Statement

In May of 2011, the City of Cincinnati approved PD #64, which was a 73 acre planned mixed use development in Oakley that was to include retail, restaurants, offices, entertainment, and residential uses. Since its approval, PD# 64 has had a number of amendments approved to allow the large development to remain responsive to the changing development environment. The 13.6 acres contained in Auditors Parcel 051-0001-0071-00 at 3065 Vandercar Way was designated on the PD #64 Concept Plan as part of the Office "B" site. Since this approval, there have been significant changes to the office market, and the site remains largely vacant with some off-street parking.

Curō has obtained the opportunity to develop 3.44 acres of the 13.6 acre parcel as an entertainment/recreation venue. As the developers of Covington Yard, at 401 Greenup Street in Covington, the proposed development group has established a successful record of creating fun entertainment venues that offer a variety of food and activity options. The development would include two 18 hole miniature golf courses on the western portion of the site. The miniature golf area, which utilizes approximately one acre of the site, will have different skill levels on the two courses and will more closely resemble a traditional golf course in appearance. To the east of the golf courses will be an 8,500 square Food Hall which contains a bar, four food vendors, restrooms, and seating area. Adjacent to the Food Hall to the east will be a 1,430 square foot outdoor area for enjoying food and beverages. Further to the east and north, along the perimeter of the site, there will be a series of 12 shipping containers which will be used as gathering spots for visitors. This perimeter area will also feature a playground and a 550 square foot stage for live music. Enclosed within this area, "The Yard" will contain outdoor seating, TV screens, and outdoor games. The miniature golf courses, as well as "The Yard" area used for gathering and games, will all be permeable surface. The development will be served by 102 parking spaces on the southern portion of the site. Entry to the development will be on the south side of the courtyard, east of the Food Hall.

The proposed development is consistent with a number of recommendations contained in plans adopted by the City.

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3) Oakley has a vision of growing a strong collection of local businesses which are unique to Oakley. Oakley Yard would add an entertainment venue not currently available in the community.

4) The developers of Oakley Yard met with the Oakley Community Council on a number of occasions, and have responded to suggestions regarding the development, obtaining the Community Council's support for the project.

Plan Cincinnati 2012:

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2) The Oakley Station development is included in the "Madison Road Corridor" which is identified as one of three corridors where strategic growth is designated to occur.

3) Provisions have been made adjacent to and within the development to promote both pedestrian and bike transportation to Oakley Station and the proposed development.

4) The development of a community gathering place for entertainment, recreation, and socializing promotes the creation of a more robust public life.

To allow the Oakley Yard development to move forward, a Major Amendment to PD #64 is being requested to change a portion of the approved Concept Plan from "Office" to "Recreation and Entertainment with food" and approve the Concept Plan for Oakley Yard. As mentioned, Curō has met on several occasions with the Oakley Community Council. At their December 7, 2021 meeting, the Council voted to support the Major Amendment to PD #64 to allow the site to be developed as an eating and outdoor entertainment venue. If the Major Amendment is approved, Curō anticipates beginning construction upon receiving the necessary permits from the City, and opening Spring of 2023.

We believe that the requested modification to PD #64 will allow for the development of a unique entertainment venue that will be a contributing focal point for the Oakley community. Given its location, the Oakley Yard will provide a gathering spot for Oakley residents and visitors, whether they are coming by car, bike, or on foot. This unique use will add another opportunity to strengthen and promote the wonderful place Oakley has become to live, work, and play.

Honorable City Planning Commission
Cincinnati, Ohio

SUBJECT: A report and recommendation on a proposed Major Amendment to the Concept Plan and Development Program Statement for Planned Development #64 (PD-64), Oakley Station, Phase 2B, to eliminate the proposed office building and add a bar/restaurant/recreational/entertainment complex in Oakley.

GENERAL INFORMATION:

Location: 3065 Vandercar Way, west of the Anthem office building on the south side of Vandercar Way

Owner: USS Realty, LLC
9900 Springboro Pike
Miamisburg, OH 45342

Applicant: McBride Dale Clarion
5721 Dragon Way, Suite 300
Cincinnati, Ohio 45227

Request: The applicant is requesting approval of a proposed Major Amendment to the Concept Plan and Development Program Statement for Planned Development #64 (PD-64), Oakley Station, to develop a bar/restaurant/recreational/entertainment complex in lieu of a previously proposed 90,000 sq. ft. office building on the site.

ATTACHMENTS:

Provided in addition to this report are:

- Attachment 1 – Most recent Major Amendment from 2015
- Attachment 2 – Major Amendment to Concept Plan and Development Program Statement
- Attachment A – Site Survey
- Attachment B – Site Plan
- Attachment C – Engineering Plans
- Attachment D – Open Space
- Attachment E – Schematic Building Plans
- Attachment F – Oakley Community Council Letter
- Attachment G- Coordinated Site Review letter
- Attachment H – Oakley Station History
- Attachment I - Department of Community and Economic Development Economic Analysis
- Attachment J - Letter from USS Realty, LLC

BACKGROUND:

On July 15, 2022, the City Planning Commission heard the proposal for this Major Amendment to the Concept Plan and Development Program Statement for Planned Development #64 (PD-64), Oakley Station, Phase 2B, to eliminate the proposed office building and add a bar/restaurant/recreational/entertainment complex in Oakley. Commission members had several inquiries for the Department of Community and Economic Development Department regarding the

following:

- What is the amount of investment made by both the City and the developer thus far for the development of Oakley Station?
- Were prior City incentives/investments granted based on the expectation of jobs/payroll associated with the proposed office developments?
- What is the economic impact of eliminating the office pad and allowing the bar/restaurant/recreational/entertainment complex?
- Did the developer consider housing, primarily affordable housing, on the site?

Two additional attachments "H" and "I" have been added to this report. Attachment H summarizes the history of PD-64, Oakley Station, such as when and what was originally approved in May 2011, all five of the Major Amendments approved by City Council from 2012-2017, and what has been built to date. In May 2011, City Council approved a zone change to create Planned Development #64 (PD-64), Oakley Station. On October 21, 2015, City Council approved a Major Amendment for a 90,000 square foot office building within PD-64 on this site at 3065 Vandercar Way. The proposed office building has not been built and the site is currently vacant (Attachment 1). Additional history of PD-64 can be found in Attachment H.

Attachment I (Department of Community and Economic Development (DCED) Economic Analysis) summarizes the investment made by the City and the developer since 2011, the projection of job creation and actual jobs created, changes to the development and an analysis of the office market. DCED does not make a recommendation on the Major Amendment proposals but defers to the Department of City Planning and Engagement.

ADJACENT LAND USE AND ZONING:

North:	Community General Auto-oriented (CG-A), office
East:	Community General Auto-oriented (CG-A), office
West:	Planned Development #89 (PD-89), Graphite Oakley, residential
South:	Planned Development #88 (PD-88), Three Oaks, residential, Manufacturing General (MG), light industrial

DESCRIPTION OF PROJECT AND PROPOSED CHANGES TO CONCEPT PLAN:

USS Realty, LLC, owns the entirety of the 3.44-acre site and has proposed a Major Amendment to Phase 2B of PD-64 to not construct an office building as originally shown in the approved Concept Plan, but instead to develop a bar/restaurant/recreational/entertainment complex which are approved uses in the PD-64. The applicant is proposing two 18-hole miniature golf courses on the western portion of the site. The miniature golf area, which utilizes approximately one acre of the site, will have different skill levels on the two courses and will closely resemble a traditional golf course in appearance.

To the east of the golf courses the applicant is proposing a 8,500 square foot "Food Hall" which will contain a bar, four food vendors, restrooms, and a seating area. Adjacent to the "Food Hall" to the east they are proposing a 1,430 square foot outdoor area for enjoying food and beverages. Further to the east and north, along the perimeter of the site, they are proposing a series of 12 shipping containers, which will be used as a gathering spot for visitors. This perimeter area will also feature a playground and a 550 square foot stage for live music. Enclosed within this area, "The Yard" will

contain outdoor seating, TV screens, and outdoor games. The miniature golf courses, as well as "The Yard" area used for gathering and games, will be a permeable surface. The proposed development will be served by 102 parking spaces on the southern portion of the site, plus there is a public parking garage with 383 spaces next to the site. Entry to the development will be on the south side of the courtyard, east of the "Food Hall."

The 2015 Major Amendment to the Concept Plan called for an office building on this particular site, not a bar/restaurant/recreational/entertainment complex. Since the COVID-19 pandemic, outdoor eating and drinking establishments/recreation areas have become popular. As of 2015, there have been significant changes to the office market and the site remains largely vacant.

§ 1429-12 AMENDMENTS TO A PLANNED DEVELOPMENT CONCEPT PLAN:
The Cincinnati Zoning Code allows for amendments to a Concept Plan. Amendments that change the uses allowed or change the density of the development by more than ten percent must be approved by the City Planning Commission and Council as a zoning map Amendment.

Concept Plans may be amended as follows:

(a) Minor Amendments. The Director of City Planning may approve minor amendments provided that they do not change building heights by more than ten percent, floor area by more than five percent, decrease parking spaces by more than ten percent or allow buildings or accessory uses closer to the perimeter property lines.

(b) Major Amendments. Amendments to any Concept Plan other than a minor amendment must be approved by the City Planning Commission. Amendments that change the uses allowed or change the density of the development by more than ten percent require approval of the City Planning Commission and Council as a zoning map amendment.

A Major Amendment to the Concept Plan and the Development Program Statement has been requested for the following reason:

1. To allow for a bar/restaurant/recreational/entertainment complex on this site instead of the previously proposed 90,000 square foot office building.

CONCEPT PLAN AND DEVELOPMENT PROGRAM STATEMENT REQUIREMENTS:
According to § 1429-09 of the Cincinnati Zoning Code, Concept Plan and Development Program Statement, a petition to rezone a property to PD must include a Concept Plan and Development Program Statement (Attachment 2). The purpose is to describe the proposed us or uses to be conducted in the PD District. The Concept Plan and Development Program Statement must include text or diagrams that specify:

a. *Plan Elements. A survey of the tract to be developed, providing a metes and bounds description of the property and the survey of property lines and total acreage. Additionally, the plan should include the location in general terms, of land areas to be developed, including: type and description of proposed land uses, buildings and structures; street rights-of-way and driveways; parcel boundaries and proposed lots, including set back lines; building heights;*

pedestrian circulation systems and open space or other facilities; and proposed topography, drainage, landscaping and buffer plantings.

A metes and bounds description, site plan including existing conditions and the proposed development showing new driveways, parcel boundaries, setback lines, building heights, pedestrian circulation, open space, drainage and landscaping are included in Attachments A-E.

b. *Ownership. Evidence that the applicant has sufficient control over the tract of land to effect the proposed plan, including a list of all ownership and beneficial interests in the tract of land and the proposed development.*

USS Realty, LLC currently owns the property and after construction the property will be transferred to Curo, the developer of the site.

c. *Schedule. Time schedule of projected development, if the total site is to be developed in phases or if construction is to extend beyond a two-year time period.*

The applicant/developer has a schedule to complete the proposed development in one phase commencing construction in late 2022 and completing construction by the end of 2023. (Attachment 2).

d. *Preliminary Reviews. A preliminary review of geo-technical, sewage, water, drainage and refuse collection.*

All the preliminary reviews noted above have been reviewed through the CSR process. On the initial department review, there does not appear to be any major issues, and any minor issues can be worked through prior to applying for building permits.

e. *Density and Open Space. Calculations of density and open space area.*

Open spaces include 2 golf courses, outdoor patio and eating areas and landscaping. The overall site is 3.44 acres and 60 percent will be green space. More detail is shown in Attachment B and Attachment D.

f. *Other Information. Any other information requested by the Director of City Planning or the City Planning Commission.*

There was no additional information requested by the Department of City Planning and Engagement.

PUBLIC COMMENT AND NOTIFICATION:

The Department of City Planning and Engagement held a public staff conference on the proposed Major Amendment to the Concept Plan and Development Program Statement for the bar/restaurant/recreational/entertainment complex on June 16, 2022. Notice of the public staff

conference was mailed out 14 days in advance to property owners within 400-feet of the boundary of PD-64, as well as the Oakley Community Council.

Aside from the applicants, only two other persons attended the staff conference and they just wanted to learn about the proposal. There were no concerns. Attached is a letter of support from the Oakley Community Council (Attachment F).

DEPARTMENTAL REVIEW AND COMMENTS:

The applicants participated in the City's Coordinated Site Review (CSR) process and a final recommendation letter is attached. The CSR process is designed to help developers identify any regulatory conditions that may affect their project. There were no major issues, and any minor issues can be worked through prior to applying for building permits.

ANALYSIS:

The staff of the Department of City Planning and Engagement supports the proposed Major Amendment to the Concept Plan and the Development Program Statement for Phase 2B, which includes the necessary elements of Section 1429-09- Concept Plan and Development Program Statement (a-e) which includes the plan elements, ownership, schedule, preliminary reviews, and density and open space. The office market has suffered severely since COVID, yet there is still a market for a bar/restaurant/recreational/entertainment complex especially with outdoor space. The only other recreational use is indoor batting cages within PD-64, and this proposed complex allows for outdoor recreational uses. This use will add jobs, helping the economy while adding outdoor recreation areas to Oakley Station. The proposed Major Amendment will not negatively impact the existing character of the surrounding area. The implementation of this project will be a benefit for the Oakley community and the City of Cincinnati, respectively. The proposal is consistent with *Plan Cincinnati* (2012) and the *Oakley Master Plan* (2019) and is supported by the Oakley Community Council.

CONSISTENCY WITH PLANS:

Plan Cincinnati (2012)

The proposed Major Amendment to the Concept Plan is consistent with the Compete Initiative Area, particularly within the Goal to "Cultivate our position as the most vibrant and economically healthiest part of our region" (page 114). The proposed bar/restaurant/recreational/entertainment complex will be the first such development in Oakley Station, aside from the indoor batting cages complex, and will add some variety to the area.

Oakley Master Plan (2019)

The proposed Major Amendment to the Concept Plan is consistent with the *Oakley Master Plan* (2019), particularly with the Managing our Future Growth Focus Area and Goal 1 to "Assure that future growth is guided by zoning and planning that will preserve Oakley as a thriving, unique, and pedestrian-scaled urban neighborhood" (page 80). This complex will provide a gathering spot for Oakley residents and visitors, whether they are coming by car, bike, or foot.

FINDINGS:

It is the opinion of the staff of the Department of City Planning and Engagement that the proposed Major Amendment to the Concept Plan and Development Program Statement for Phase 2B of PD-64 is in compliance with the requirements of §1429-12 Amendments to a Planned Development Concept Plan of the Cincinnati Zoning Code. The proposal is consistent with the purpose of the Planned

Development District Regulations. The applicant has successfully met all basic requirements of the Planned Development District. The Major Amendment will not negatively impact the existing character of the surrounding area.

CONCLUSIONS:

The staff of the Department of City Planning and Engagement supports the proposed Major Amendment to the Concept Plan and Development Program Statement for the proposed bar/restaurant/recreational/entertainment complex in PD-64 for the following reasons:

1. The proposal will not negatively impact the existing character of the surrounding area;
2. The proposal will provide a new variety of uses in the City;
3. The proposal is supported by the Oakley Community Council; and
4. The proposal is consistent with *Plan Cincinnati* (2012) and the *Oakley Master Plan* (2019).

RECOMMENDATION:

The staff of the Department of City Planning and Engagement recommends that the City Planning Commission take the following actions:

1. **APPROVE** a Major Amendment to the Concept Plan and Development Program Statement for Planned Development #64, Oakley Station, Phase 2B, to eliminate an office building and add a bar/restaurant/recreational/entertainment complex in Oakley.
2. **ADOPT** the Department of City Planning and Engagement findings as detailed on page 5 of this report.

Respectfully submitted:

Caroline Hardy Kellam

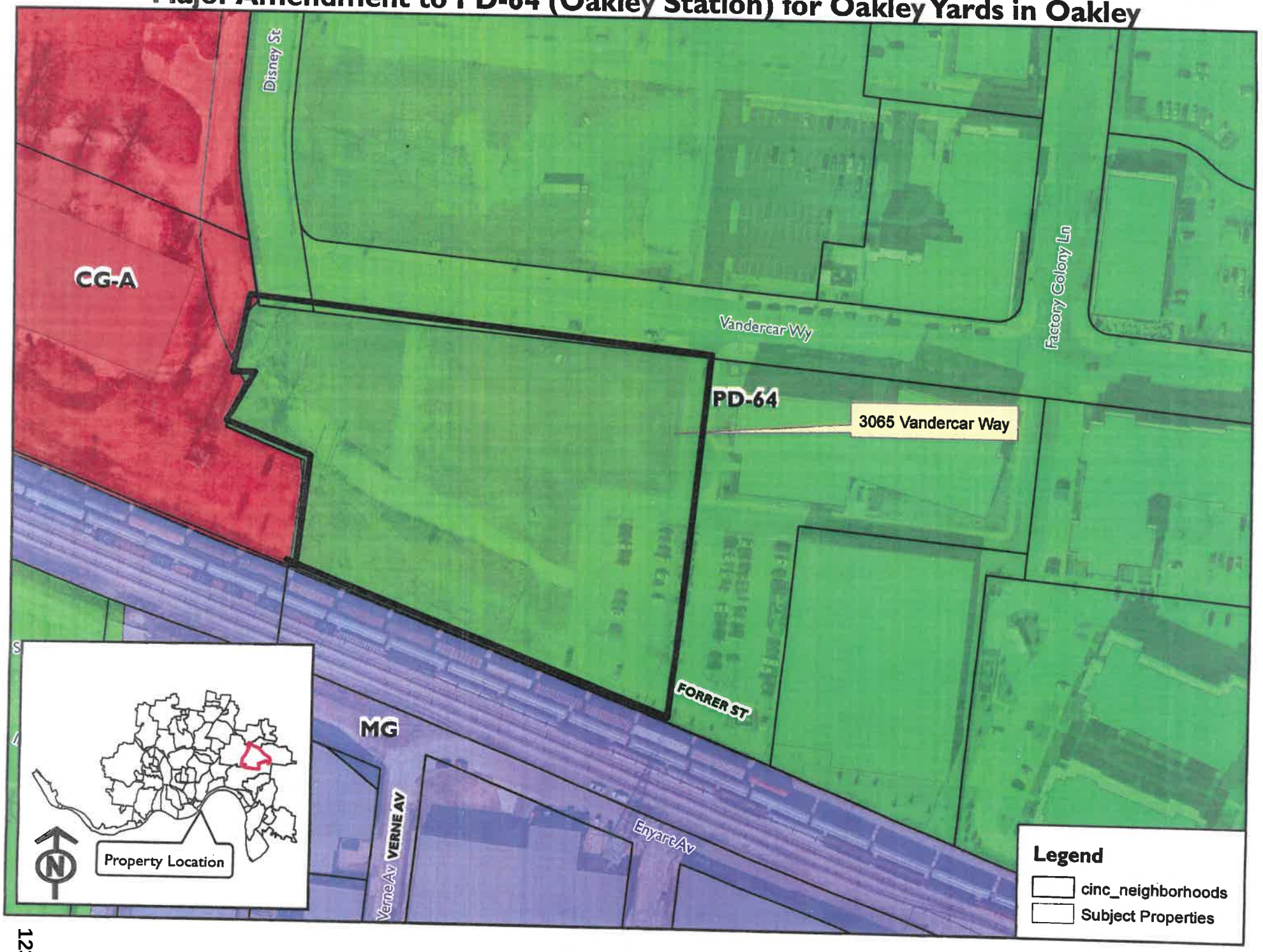
Caroline Hardy Kellam, Senior City Planner
Department of City Planning and Engagement

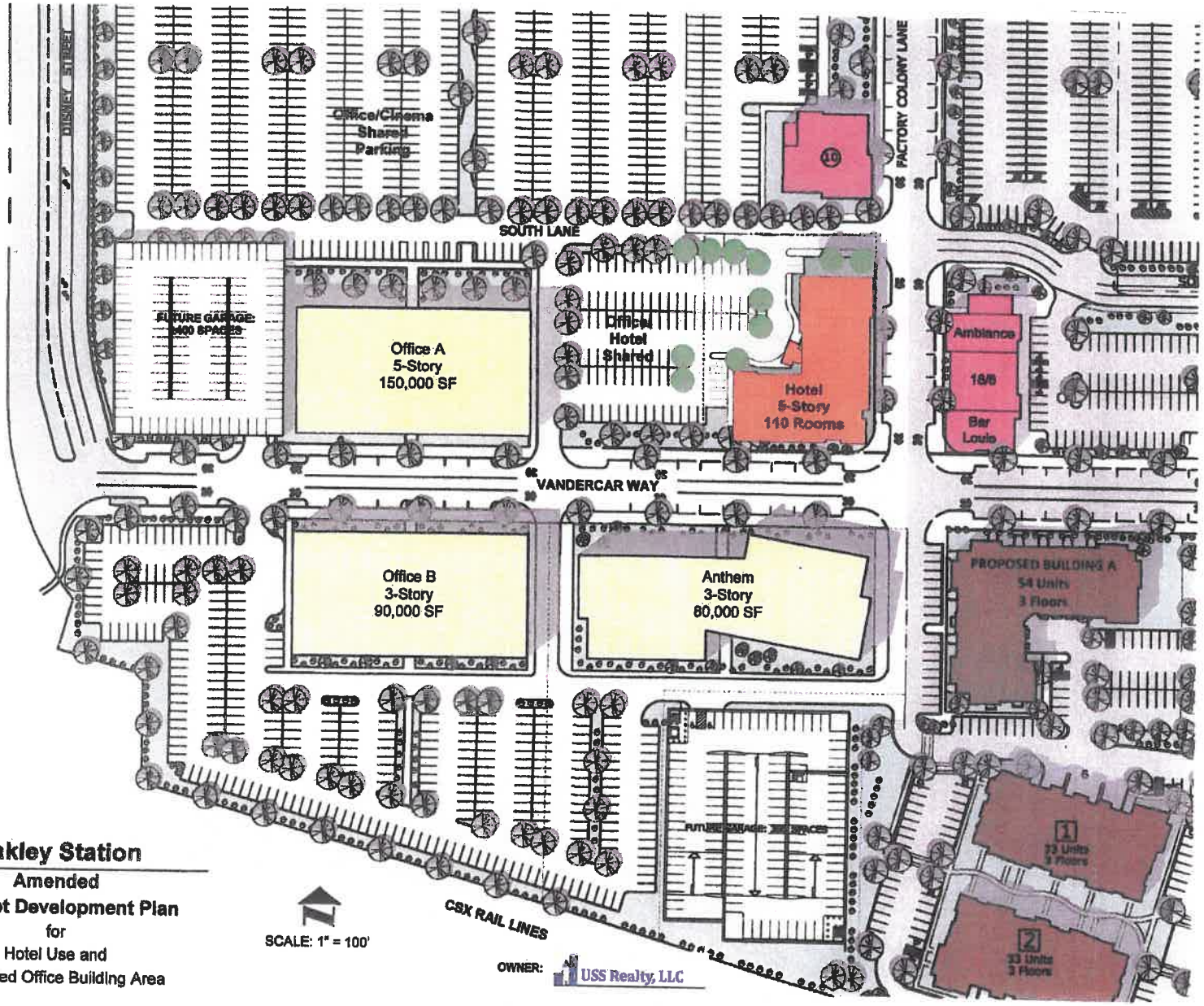
Approved:

Katherine Keough-Jurs

Katherine Keough-Jurs, FAICP, Director
Department of City Planning and Engagement

Major Amendment to PD-64 (Oakley Station) for Oakley Yards in Oakley





Oakley Station

Amended
Concept Development Plan
for
Hotel Use and
Increased Office Building Area

SCALE: 1" = 100'

OWNER: USS Realty, LLC

PROPOSED HOTEL:

5 STORIES (65 FT. MAX. HEIGHT)
110 ROOMS

PARKING SUMMARY:

ON-SITE:	25 SPACES
HOTEL/OFFICE SHARED:	84 SPACES
ON-STREET:	11 SPACES
	120 SPACES

PROPOSED OFFICE AREA:

BUILDING A:	150,000 SF
BUILDING B:	90,000 SF
ANTHEM:	80,000 SF
TOTAL OFFICE AREA	320,000 SF

DEVELOPER: VANDERCAR

Oakley Yard
Program Statement

In May of 2011, the City of Cincinnati approved PD #64, which was a 73 acre planned mixed use development in Oakley that was to include retail, restaurants, offices, entertainment, and residential uses. Since its approval, PD# 64 has had a number of amendments approved to allow the large development to remain responsive to the changing development environment. The 13.6 acres contained in Auditors Parcel 051-0001-0071-00 at 3065 Vandercar Way was designated on the PD #64 Concept Plan as part of the Office "B" site. Since this approval, there have been significant changes to the office market, and the site remains largely vacant with some off-street parking.

Curō has obtained the opportunity to develop 3.44 acres of the 13.6 acre parcel as an entertainment/recreation venue. As the developers of Covington Yard, at 401 Greenup Street in Covington, the proposed development group has established a successful record of creating fun entertainment venues that offer a variety of food and activity options. The development would include two 18 hole miniature golf courses on the western portion of the site. The miniature golf area, which utilizes approximately one acre of the site, will have different skill levels on the two courses and will more closely resemble a traditional golf course in appearance. To the east of the golf courses will be an 8,500 square Food Hall which contains a bar, four food vendors, restrooms, and seating area. Adjacent to the Food Hall to the east will be a 1,430 square foot outdoor area for enjoying food and beverages. Further to the east and north, along the perimeter of the site, there will be a series of 12 shipping containers which will be used as gathering spots for visitors. This perimeter area will also feature a playground and a 550 square foot stage for live music. Enclosed within this area, "The Yard" will contain outdoor seating, TV screens, and outdoor games. The miniature golf courses, as well as "The Yard" area used for gathering and games, will all be permeable surface. The development will be served by 102 parking spaces on the southern portion of the site. Entry to the development will be on the south side of the courtyard, east of the Food Hall.

The proposed development is consistent with a number of recommendations contained in plans adopted by the City.

Oakley Master Plan 2019:

1) The Oakley Yard development is to be just east of the proposed pedestrian tunnel under the railroad tracks, allowing residents to the south of Oakley Station to enjoy the same walkability/connectivity as those located within Oakley Station. This will increase the volume of pedestrians within the area and connect to the site via existing sidewalks.

2) Bike racks will be provided at Oakley Yard in anticipation of the number of customers who will choose biking as a means to visit the site.

3) Oakley has a vision of growing a strong collection of local businesses which are unique to Oakley. Oakley Yard would add an entertainment venue not currently available in the community.

4) The developers of Oakley Yard met with the Oakley Community Council on a number of occasions, and have responded to suggestions regarding the development, obtaining the Community Council's support for the project.

Plan Cincinnati 2012:

1) Focus revitalization on existing venues of activity, of which Oakley is one. The Oakley Station development has been one of the most significant revitalization efforts in the City and certainly within the Oakley community. Bringing Oakley Yard to the development adds an entertainment element currently not available.

2) The Oakley Station development is included in the "Madison Road Corridor" which is identified as one of three corridors where strategic growth is designated to occur.

3) Provisions have been made adjacent to and within the development to promote both pedestrian and bike transportation to Oakley Station and the proposed development.

4) The development of a community gathering place for entertainment, recreation, and socializing promotes the creation of a more robust public life.

To allow the Oakley Yard development to move forward, a Major Amendment to PD #64 is being requested to change a portion of the approved Concept Plan from "Office" to "Recreation and Entertainment with food" and approve the Concept Plan for Oakley Yard. As mentioned, Curō has met on several occasions with the Oakley Community Council. At their December 7, 2021 meeting, the Council voted to support the Major Amendment to PD #64 to allow the site to be developed as an eating and outdoor entertainment venue. If the Major Amendment is approved, Curō anticipates beginning construction upon receiving the necessary permits from the City, and opening Spring of 2023.

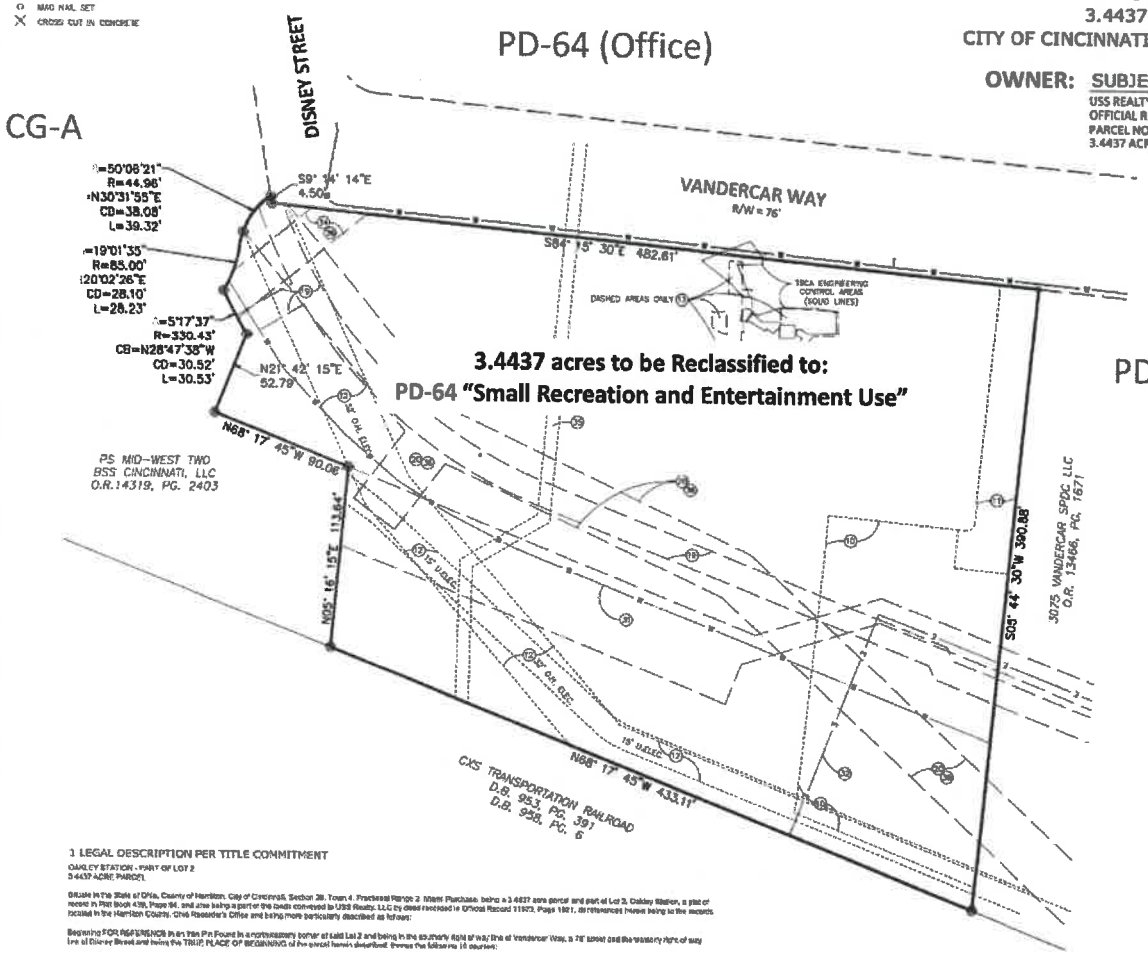
We believe that the requested modification to PD #64 will allow for the development of a unique entertainment venue that will be a contributing focal point for the Oakley community. Given its location, the Oakley Yard will provide a gathering spot for Oakley residents and visitors, whether they are coming by car, bike, or on foot. This unique use will add another opportunity to strengthen and promote the wonderful place Oakley has become to live, work, and play.

REQUEST FOR MAJOR AMENDMENT TO PD-64

PART LOT 2 ~ OAKLEY STATION
3.4437 ACRE PARCEL
CITY OF CINCINNATI, HAMILTON COUNTY, OHIO

OWNER: SUBJECT PROPERTY
USS REALTY LLC
OFFICIAL RECORD 12973, PAGE 543
PARCEL NO. 051-0001-0071
3.4437 ACRES

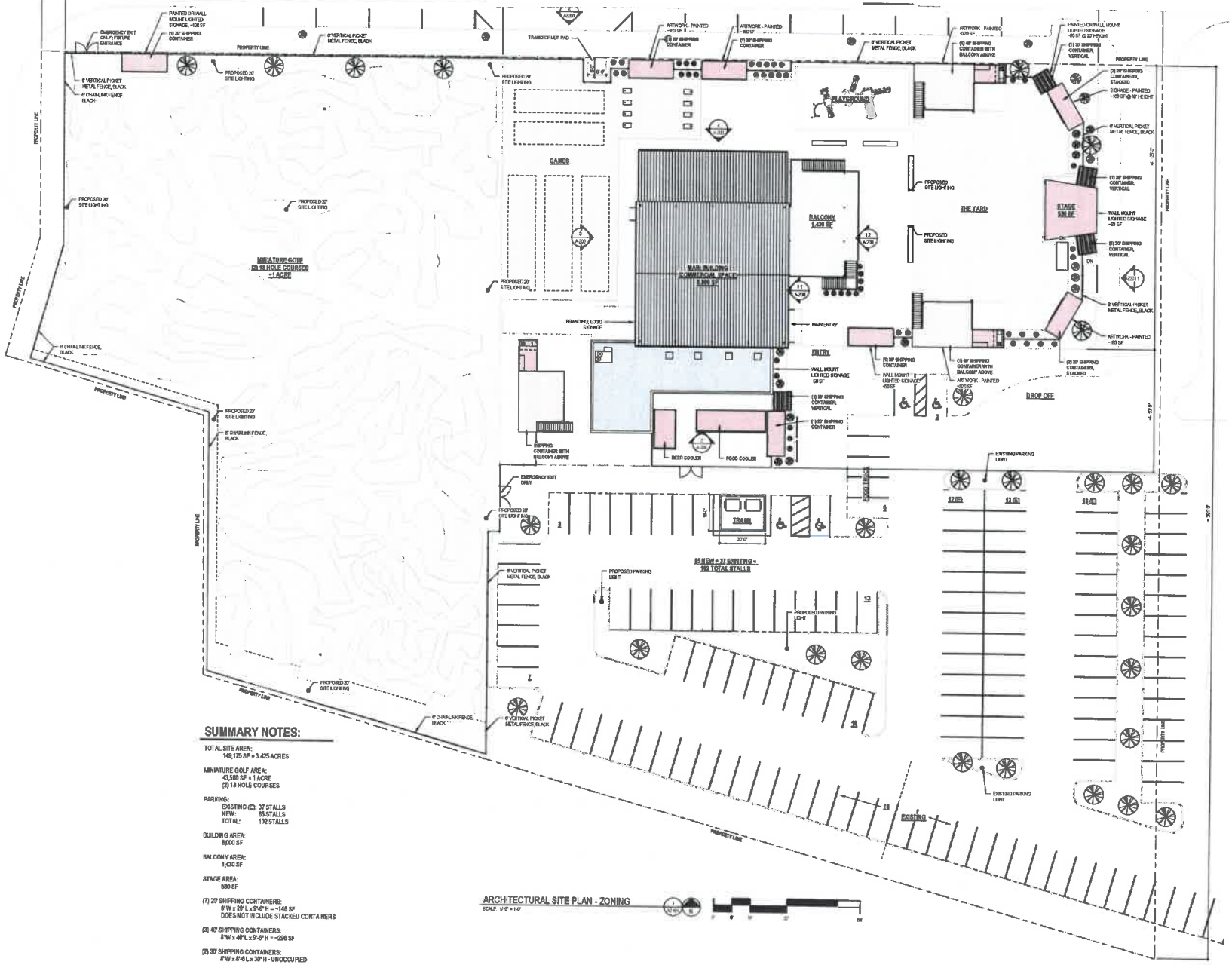




APPLICANT: McBride Dale Clarion
5721 Dragon Way, Suite 300
Cincinnati, OH 45227
513-561-6232

Attachment D

Attachment B



SUMMARY NOTES:

TOTAL SITE AREA:
149,175 SF = 3.425 ACRES

MINIATURE GOLF AREA:
43,560 SF = 1 ACRE
(2) 18 HOLE COURSES

PARKING:
EXISTING (E): 37 STALLS
NEW: 65 STALLS
TOTAL: 102 STALLS

BUILDING AREA:
8,000 SF

BALCONY AREA:
1,430 SF

STAGE AREA:
530 SF

(7) 20' SHIPPING CONTAINERS:
8' W x 20' L x 9'-6" H = ~146 SF
DOES NOT INCLUDE STACKED CONTAINERS

(3) 40' SHIPPING CONTAINERS:
8' W x 40' L x 9'-6" H = ~296 SF

(2) 30' SHIPPING CONTAINERS:
8' W x 8'-6 L x 30' H - UNOCCUPIED

ARCHITECTURAL SITE PLAN - ZONING
SCALE: 1/16" = 1'-0"

elevar DESIGN GROUP

CURO

OAKLEY YARD
VANDERCAR WAY, OAKLEY, CINCINNATI, OH 45209

CURO GROUP
121 EAST 4TH STREET, COVINGTON, KY

NOT FOR CONSTRUCTION

ISSUED	DATE
CSR DEV DESIGN	03/31/22

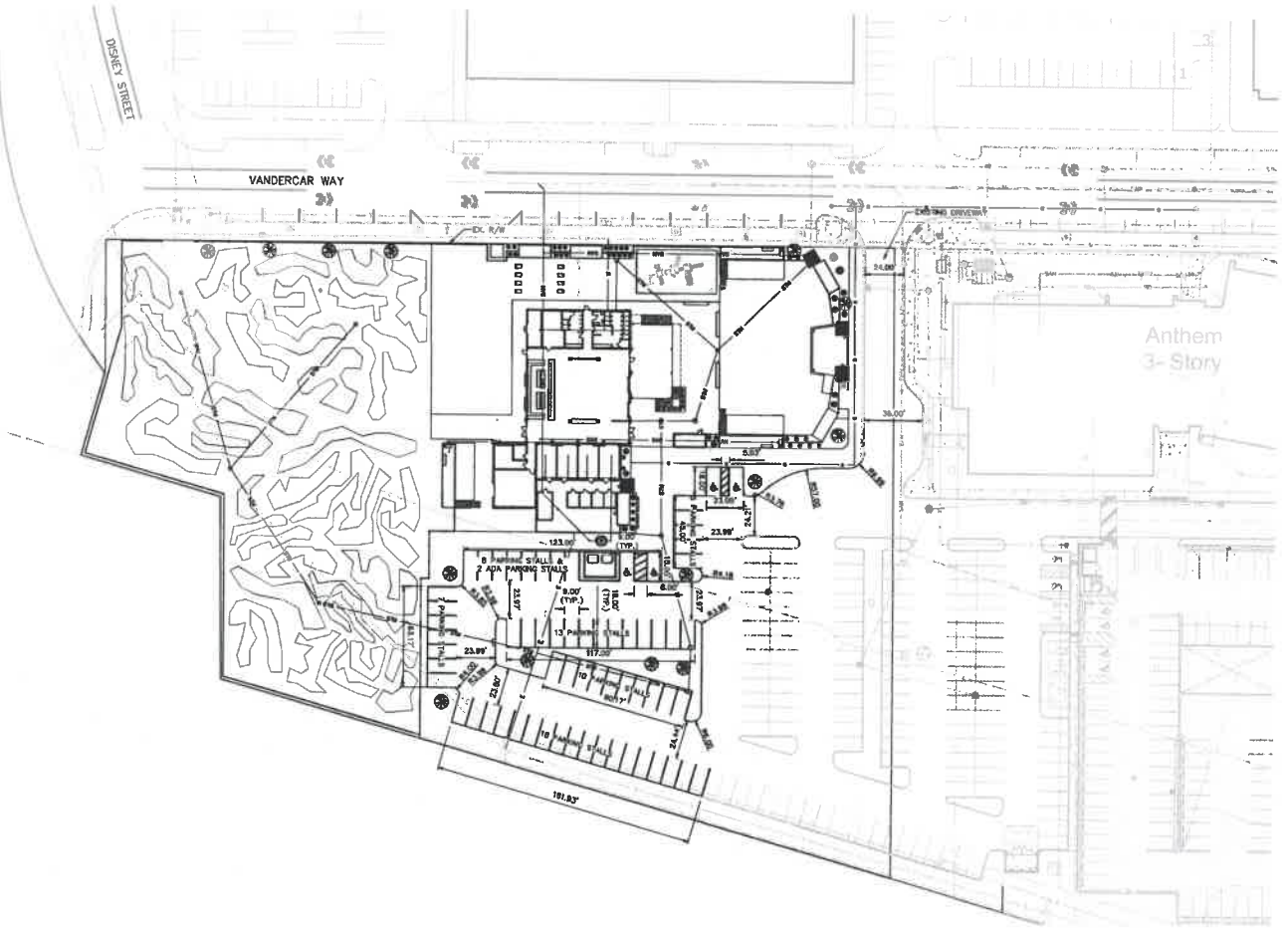
SHEET TITLE
ARCHITECTURAL SITE PLAN

SCALE	COMM No.
1/16" = 1'-0"	XXXX
DRAWN BY	DATE
JDG	04/01/2022

SHEET #
AZ101

THIS DRAWING IS PART OF A SET

Attachment C



LEGEND:

- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- PROPOSED GAS LINE
- EXISTING GAS LINE
- PROPOSED ROOF DRAIN LINE
- PROPOSED SANITARY
- PROPOSED SANITARY LATERAL
- EXISTING SANITARY
- EXISTING WATER MAIN
- EXISTING ELECTRIC LINE
- PROPOSED ELECTRIC LINE

MARQUE ENGINEERING
2230 PARK AVE, STE. 500, CINCINNATI, OH 45206
513.457.7131 - WWW.MARQUEENG.COM

CURO

OAKLEY YARD
VANDERCAR WAY, OAKLEY, CINCINNATI, OH 45209

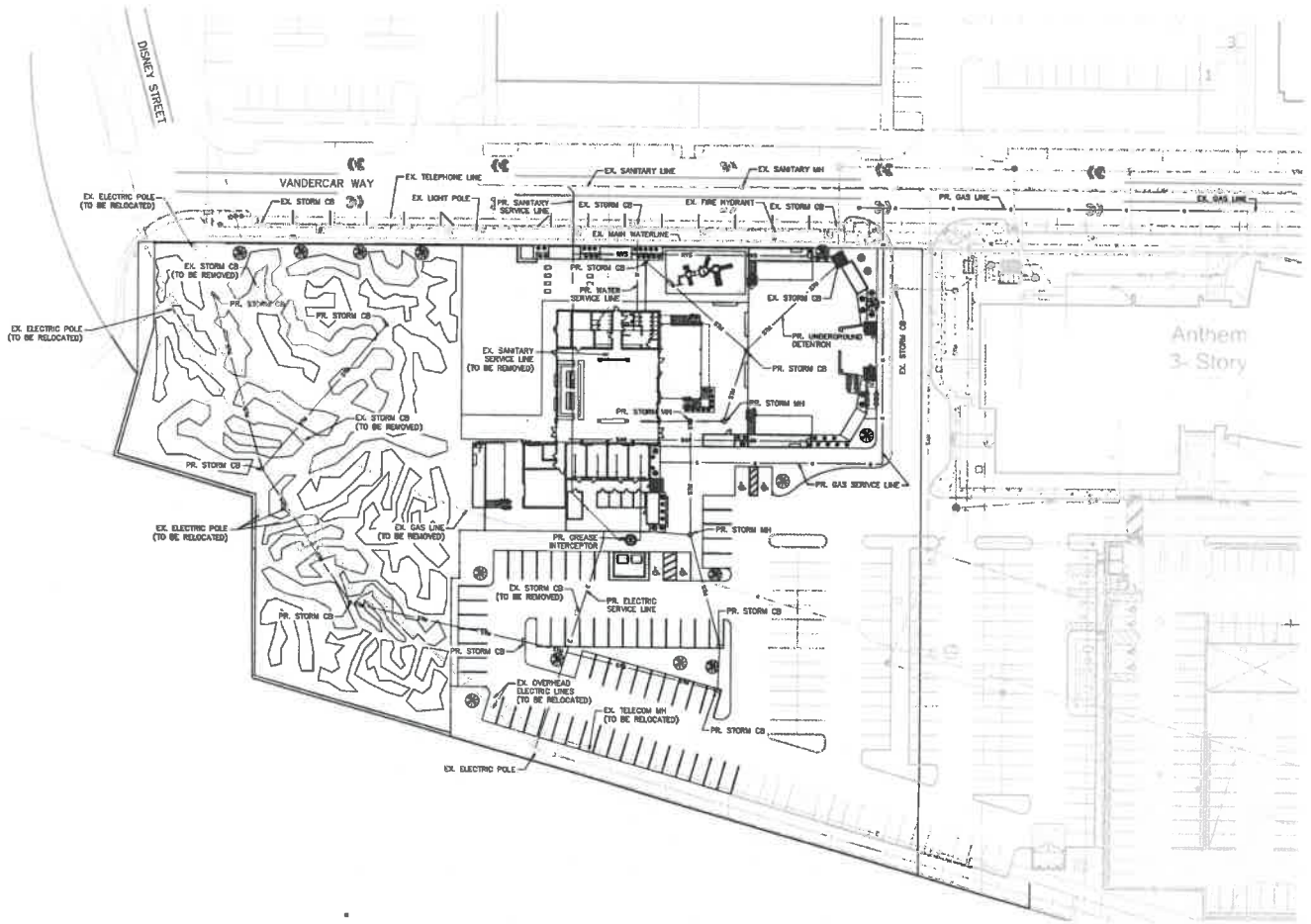
CURO GROUP
121 EAST 4TH STREET, COVINGTON, KY

NOT FOR CONSTRUCTION

CSH DEV. DESIGN

SITE DIMENSION PLAN

D-000



LEGEND:

STM	PROPOSED STORM SEWER
	EXISTING STORM SEWER
	PROPOSED GAS LINE
	EXISTING GAS LINE
RD	PROPOSED ROOF DRAIN LINE
SAN	PROPOSED SANITARY
	PROPOSED SANITARY LATERAL
	EXISTING SANITARY
	EXISTING WATER MAIN
	EXISTING ELECTRIC LINE
	PROPOSED ELECTRIC LINE

MARQUE ENGINEERING
2230 PARK AVE, STE. 100, CINCINNATI, OH 45206
513.457.7131 - WWW.MARQUEENGINEERING.COM

CURO

OAKLEY YARD
VANDERCAR WAY, OAKLEY, CINCINNATI, OH 45209

CURO GROUP
121 EAST 4TH STREET, COVINGTON, KY

NOT FOR CONSTRUCTION

ISSUED	DATE
CSR DEV. DESIGN	03/31/22

SHEET TITLE
SITE UTILITY PLAN

SCALE	CODE NO.
1" = 20'	3.01 E
DRAWN BY	DATE
MARQUE ENGINEERING	2/28/2022

SHEET NO.
U-000

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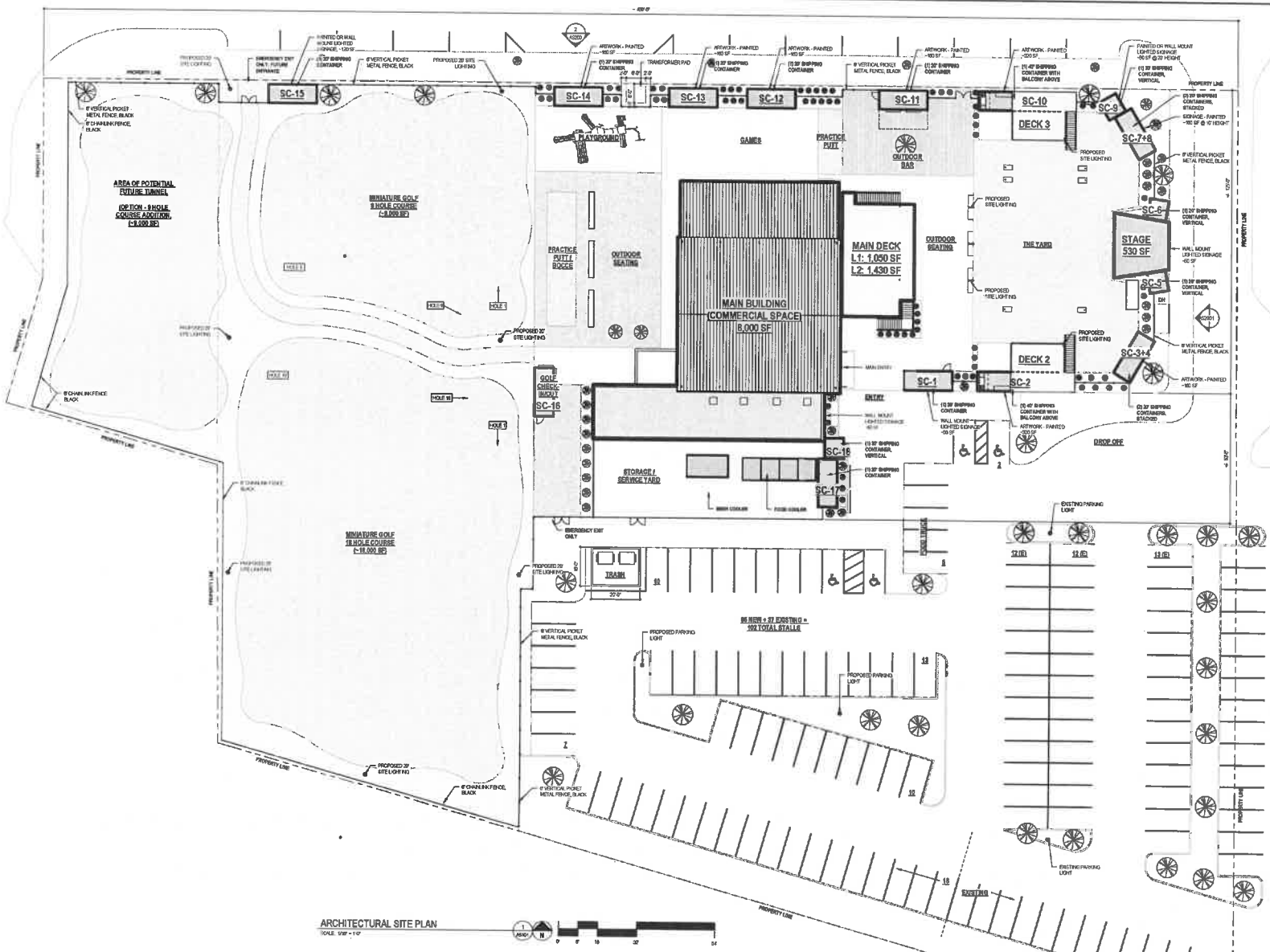


ARCHITECTURAL SITE PLAN

SCALE: 1/32" = 1'-0"

STRUCTURE SUMMARY NOTES:

TOTAL SITE AREA: 146,176 SF = 3.405 ACRES

MINIATURE GOLF AREA: 45,360 SF = (1) 9 ACRE (1) 9 HOLE COURSE (1) 18 HOLE COURSE (1) 9 HOLE OPTION

PARKING: EXISTING TO REMAIN (37) STALLS; NEW (65) STALLS; TOTAL (102) STALLS

MAIN BUILDING AREA: 8,000 SF

MAIN DECK AREA: 1,400 SF

STAGE AREA: 530 SF

(2) WALK-IN COOLERS: FOOD AND BEER COOLERS

(14) 20 SHIPPING CONTAINERS: 8' W x 20' L x 9'-6" H = 1,440 SF

(2) 40' SHIPPING CONTAINERS: 8' W x 40' L x 9'-6" H = 640 SF WITH DECKS ABOVE

(3) 20' SHIPPING CONTAINERS: 8' W x 20' L x 9'-6" H - UNCOVERED

SHIPPING CONTAINER SCHEDULE:

NUMBER:	TYPE:	DESCRIPTION:
SC-1	20' (8' W x 20' L x 9'-6" H)	
SC-2	40' (8' W x 40' L x 9'-6" H)	WITH DECK ABOVE
SC-3	20' (8' W x 20' L x 9'-6" H)	
SC-4	20' (8' W x 20' L x 9'-6" H)	STACKED ON SC-3
SC-5	20' (8' W x 20' L x 9'-6" H)	VERTICAL
SC-6	20' (8' W x 20' L x 9'-6" H)	VERTICAL
SC-7	20' (8' W x 20' L x 9'-6" H)	
SC-8	20' (8' W x 20' L x 9'-6" H)	STACKED ON SC-8
SC-9	20' (8' W x 30' L x 9'-6" H)	VERTICAL
SC-10	40' (8' W x 40' L x 9'-6" H)	WITH DECK ABOVE
SC-11	20' (8' W x 20' L x 9'-6" H)	
SC-12	20' (8' W x 20' L x 9'-6" H)	
SC-13	20' (8' W x 20' L x 9'-6" H)	
SC-14	20' (8' W x 20' L x 9'-6" H)	
SC-15	30' (8' W x 20' L x 9'-6" H)	
SC-16	20' (8' W x 20' L x 9'-6" H)	
SC-17	20' (8' W x 20' L x 9'-6" H)	
SC-18	30' (8' W x 30' L x 9'-6" H)	VERTICAL

SITE AREAS

56,250 SF ENTIRE PARCEL AREA
43,890 SF GOLF AREA

56,250 SF - 43,890 SF = 12,810 SF

PARKING RATIO @ 1:1000

63 PARKING STALLS REQUIRED
102 STALLS PROVIDED, OKAY

SITE GENERAL NOTES

A. PRIOR TO SUBMITTING BID, CONTRACTORS SHALL VISIT SITE TO FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS AND ANY QUESTIONS FROM THE VISIT TO THE LANDSCAPE ARCHITECT OR OWNERS REPRESENTATIVE.

B. ALL DISTURBED AREAS OUTSIDE OF PLANTING BEDS ARE TO BE SEEDED.

C. CONTRACTOR SHALL HAVE LOCATED ON SITE ALL UNDERGROUND UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO BREAKING GROUND. PROPOSED PLANT LOCATIONS KNOWN TO BE IN CONFLICT WITH EXISTING UTILITIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR RELOCATION.

D. SEE ELECTRICAL DRAWINGS FOR EXTERIOR LIGHTING FIXTURE TYPES, DETAILS, ETC.

E. SEE CIVIL DRAWINGS FOR STORM WATER, SANITARY, UTILITIES, GRADING, ETC.

F. ALL WORK TO COMPLY WITH VILLAGE OF CLERMONT ZONING REGULATIONS

G. SEE STRUCTURAL DRAWINGS FOR CONCRETE WALK-OUT APRONS AT ALL EXTERIOR DOORS

H. SEE ARCHITECTURAL SITE DRAWINGS FOR LOCATION AND TYPES OF REGULATORY SIGNAGE

I. SEE CIVIL DRAWINGS FOR PARKING BLOCK LOCATIONS AND DETAILS

J. COORDINATE SITE PLAN WITH CIVIL DRAWINGS AND MEP SITE PLANS.

K. ALL CURBS AROUND THE PERIMETER OF THE BUILDING TO BE PAINTED YELLOW.

L. TYPICAL CONTROL AND EXPANSION JOINTS TO BE DETAILED PER __/__

elevar design group
CURŌ
OAKLEY YARD
3065 VANDERCAR WAY, OAKLEY, CINCINNATI, OH 45209
CURO GROUP
131 EAST 4TH STREET, COVINGTON, KY
NOT FOR CONSTRUCTION

ISSUED	DATE
CSR DEV DESIGN	05/31/23

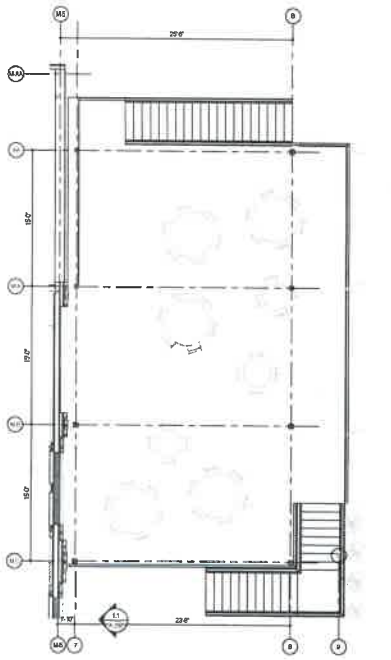
SHEET TITLE: ARCHITECTURAL SITE PLAN

SCALE: As indicated | DRAWN BY: ETD | CHKD BY: | DATE: 04/04/2023

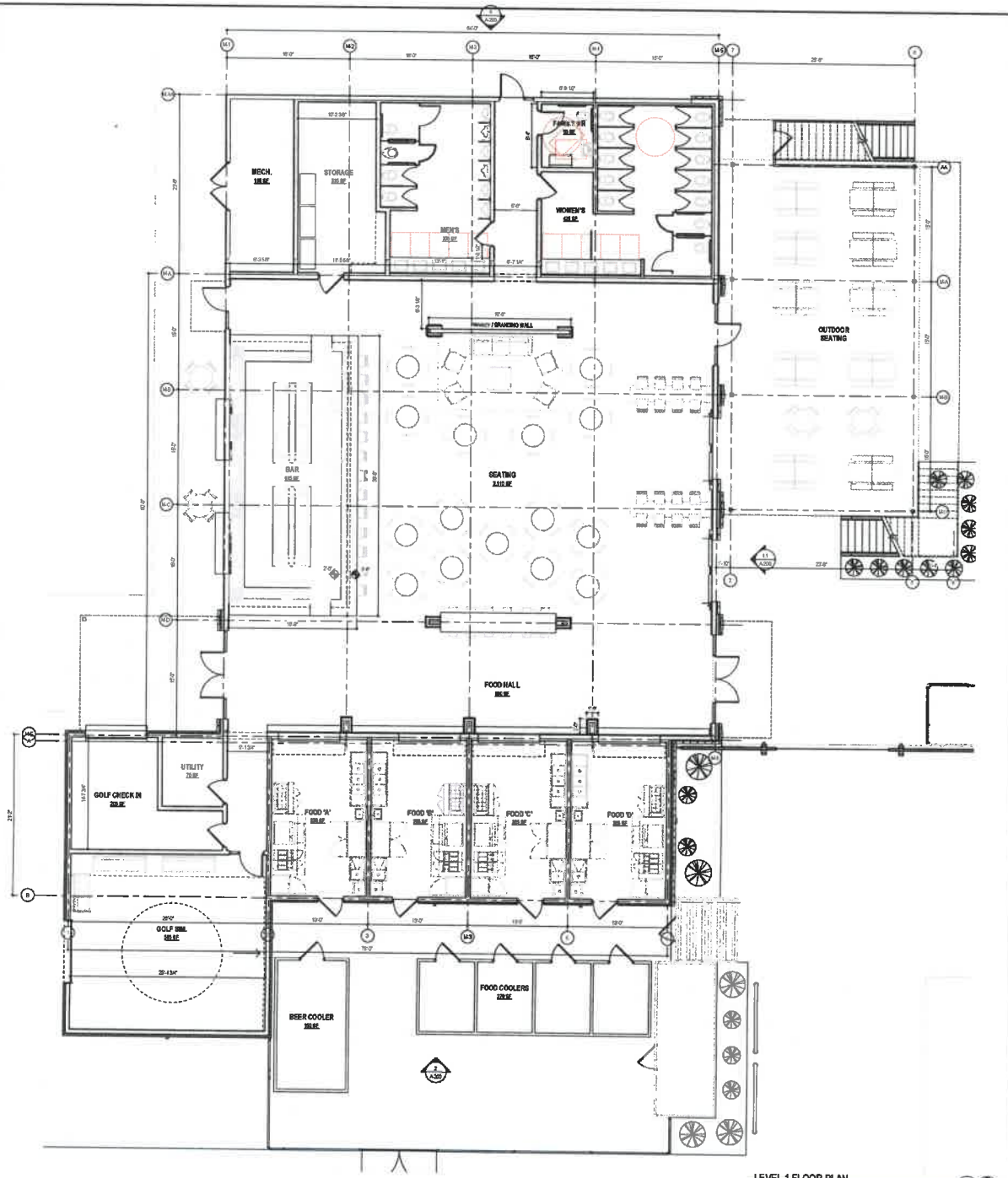
SHEET #: AS101

THIS DRAWING IS PART OF A SET

1239



LEVEL 2 FLOOR PLAN
SCALE: 3/16" = 1'-0"



LEVEL 1 FLOOR PLAN
SCALE: 3/16" = 1'-0"

GENERAL NOTES

A. DIE INFORMATION GIVEN HEREIN AND ON THE PLANS IS AS EXACT AS COULD BE SECURED FOR BIDDING PURPOSES. ADDURACY IS TO BE FIELD VERIFIED. CONTRACTORS MUST EXAMINE THE JOB CONDITIONS AND VERIFY ALL MEASUREMENTS, DISTANCES, ELEVATIONS, CLEARANCES, ETC. AND BASE THE BID AND WORK ON VERIFIED CONDITIONS.
B. REFER TO SHEETS _____ TO _____ FOR SMOKE AND FIRE SEPARATION DESIGNATIONS FOR ROOMS AND WALLS, AND U.L. DESIGN ASSEMBLIES FOR NEW WORK.
C. REFER TO SHEET _____ FOR PARTITION TYPES. DIMENSIONS ARE STRUCK TO PARTITION AND WALL FIRST-LAID SUBSTRATES (FACE OF STUD, FACE OF CMU) UNLESS NOTED OTHERWISE.
D. ALL OPENINGS IN MASONRY WALLS TO HAVE LINTELS. SEE ALSO STRUCTURAL DRAWINGS FOR LINTEL TYPES.
E. PROVIDE OPENINGS IN WALLS ABOVE CEILING AS REQUIRED FOR DUCTWORK, CABLE TRAYS, PIPING, ETC. REFER TO MEP DRAWINGS FOR LOCATIONS. SEAL WALLS TIGHT TO ALL PENETRATING UTILITIES.
F. AT ALL STORATED PARTITIONS, PROVIDE ACOUSTICAL SEALANT AT ALL PENETRATIONS AND FOR THE ENTIRE PERIMETER OF THE WALL.
G. AT GYPSUM BOARD WALLS, PROVIDE FULL HEIGHT CORNER GUARDS WHERE NOTED ON PLANS AND WITH THE NOTE "CGP". SEE ALSO DETAIL _____.
H. CONTROL JOINTS FOR CMU MASONRY WALLS ARE INDICATED ON STRUCTURAL DRAWINGS. IN THE EVENT CONTROL JOINTS ARE NOT INDICATED, PROVIDE JOINTS PER DETAIL _____ AND SPECIFICATIONS. PROVIDE BACKER ROD AND CAULK FOR ALL CONTROL JOINTS.

KEYNOTES

DRAWING NOTES

elevar DESIGN GROUP
221 EAST 4TH, CINCINNATI, OH 45202 | P: 513.721.0000 F: 513.721.0017

CURO

OAKLEY YARD
VANDERCAR WAY, OAKLEY, CINCINNATI, OH 45229
CURO GROUP
121 EAST 4TH STREET, COVINGTON, KY

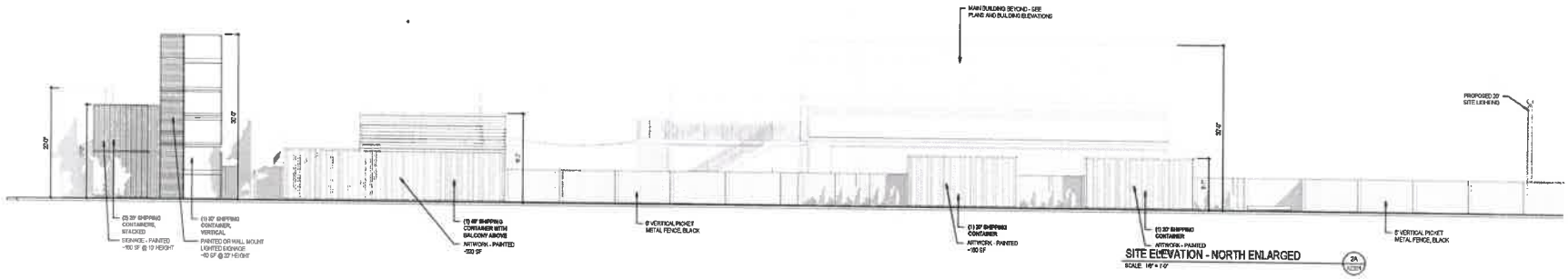
NOT FOR CONSTRUCTION

ISSUED	DATE
SCHEMATIC DESIGN	03/01/22
CSR DEV. DESIGN	03/01/22

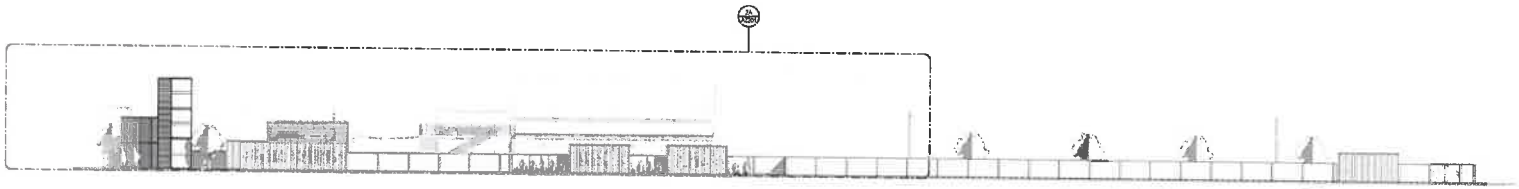
SHEET TITLE
BUILDING FLOOR PLANS

SCALE	COMM. No.
As indicated	NOTE
DRAWN BY	DATE
Author	03/01/2022
SHEET No.	
A-110	

THIS DRAWING IS PART OF A SET



SITE ELEVATION - NORTH ENLARGED
SCALE: 1/8" = 1'-0"



SITE ELEVATION - NORTH
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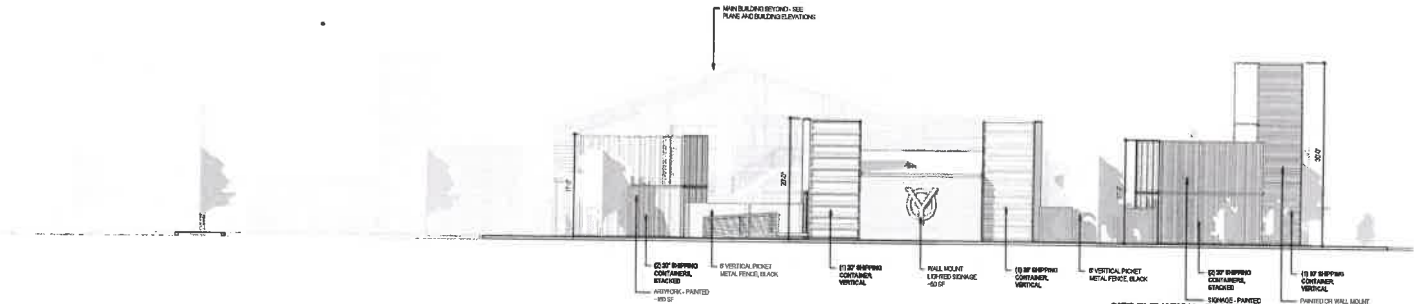

SITE ELEVATION - EAST ENLARGED
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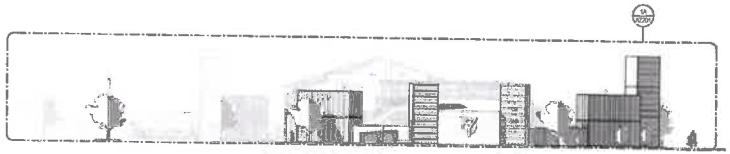


SITE ELEVATION - EAST
SCALE: 1/16" = 1'-0"

elevar DESIGN GROUP
131 CLEAR CREEK, SAN ANTONIO, TEXAS 78232 | P: (210) 212-0600 | F: (210) 212-0601

CURO

OAKLEY YARD
VANDERCAR WAY, OAKLEY, CINCINNATI, OH 45209
CURO GROUP
121 EAST 4TH STREET, COVINGTON, KY

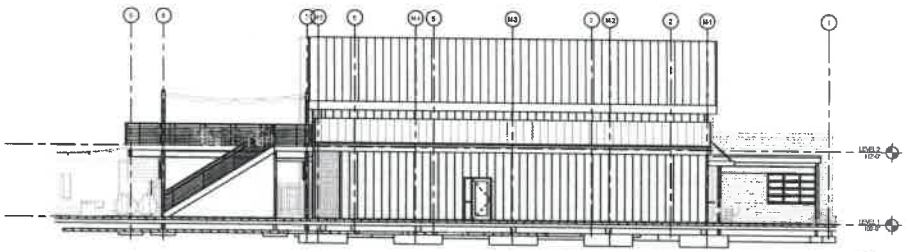
NOT FOR CONSTRUCTION

ISSUED	DATE
CSR DEV DESIGN	03/31/23

sheet title
SITE ELEVATIONS

SCALE	COMM NO.
As indicated	2022
DRAWN BY	DATE
AEG	03/31/2023
CHECKED	
SHEET #	AZ201

THIS DRAWING IS PART OF A SET



ELEVATION - NORTH
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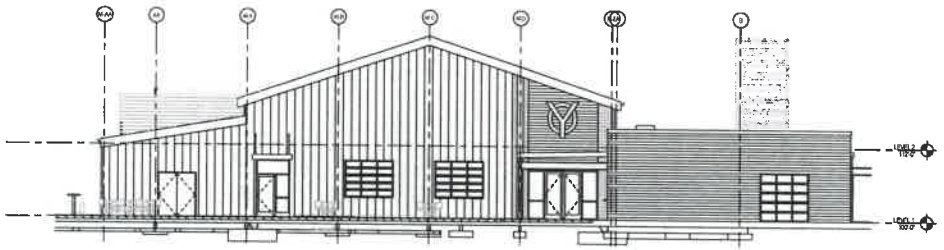

ELEVATION - WEST
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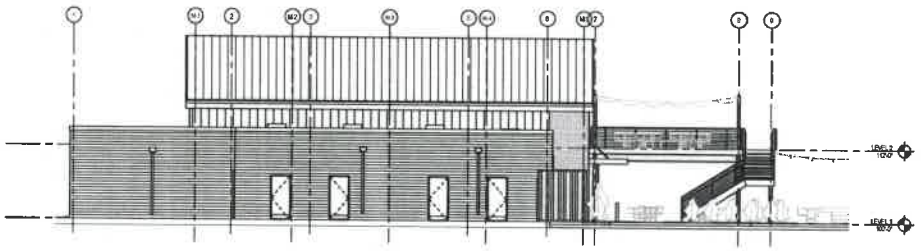

ELEVATION - SOUTH
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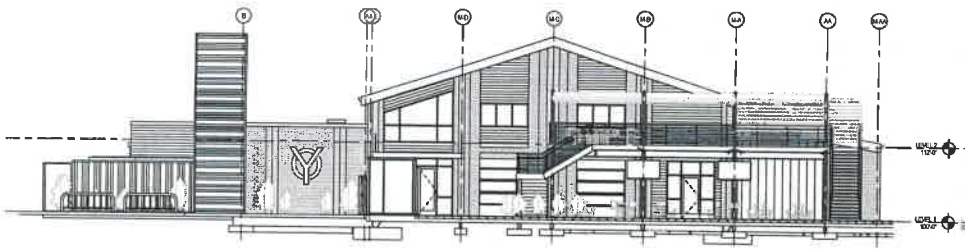
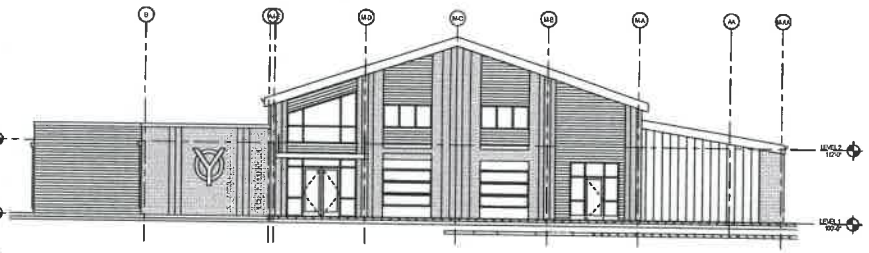


ELEVATION - EAST
SCALE: 1/8" = 1'-0"



ELEVATION - EAST (BLDG. FACE)
SCALE: 1/8" = 1'-0"

GENERAL NOTES

A TOP COURSE OF MASONRY VENEER TO BE AT BASELINE.
B ALL ELEVATIONS SHOWN AS ALTERNATE 2.0 SEE DRAWING NOTES FOR BASE BID DESCRIPTIONS.
C SEE ARCHITECTURAL FLOOR PLANS AND OPENING SCHEDULES FOR ALL OPENING SIZES, TYPES, MATERIALS, GLAZING AND DETAILS.
D MASONRY MORTAR COLOR WILL BE LIMITED TO ONE PIGMENTED COLOR FOR THE ENTIRE EXTERIOR OF THE BUILDING. COLOR TO BE SELECTED BY ARCHITECT.
E FOR ALL ELECTRICAL DEVICES (CAMERAS, LIGHT FIXTURES, SPEAKERS, ENTRANCE KEY PADS/CARD READERS, DOOR OPERATOR PUSH BUTTONS, ETC) MOUNTED ONTO SPLIT FACE CMU. THE MASON IS TO PROVIDE FLAT BURNISHED FACE UNITS BEHIND DEVICES TO ALLOW FLUSH MOUNTING.
F FOR ALL OPENINGS (WINDOWS, DOORS, LOUVERS, ETC) IN SPLIT FACE CMU, THE MASON IS TO PROVIDE SMOOTH JAMBS TO ALLOW A STRAIGHT AND CONSISTENT MASONRY OPENING.
G ALL JOINTS BETWEEN BRICK AND CMU ARE TO BE SOFT JOINTS, WITH SLIP SHEETS AND CAULKED.

KEY NOTES

LEGEND

elevar DESIGN GROUP
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CURO

OAKLEY YARD
VANDERCAR WAY, OAKLEY, CINCINNATI, OH 45209
CURO GROUP
121 EAST 4TH STREET, COVINGTON, KY

NOT FOR CONSTRUCTION

ISSUED	DATE
SCHEMATIC DESIGN	03/01/22
CSR DEV DESIGN	03/01/22

SHEET TITLE
EXTERIOR ELEVATIONS

SCALE	COURSE No.
As indicated	VISA
DRAWN BY	DATE
Author	2/24/2022

SHEET #
A-200

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THIS DRAWING IS PART OF A SET

Attachment F

OAKLEY COMMUNITY COUNCIL

PO Box 9244
Cincinnati OH 45209
oakleynow.com

December 21, 2021

Ms. Katherine Keough-Juris, AICP
Planning Director
Department of City Planning
City of Cincinnati
Two Centennial Plaza
805 Central Avenue, Suite 700
Cincinnati, Ohio 45202
katherine.keough-jurs@cincinnati-oh.gov

RE: Curo Brkg Request to Amend the Concept Plan for PD #64

Dear Ms. Keough-Juris:

At the December 7, 2021 meeting of the Oakley Community Council, representatives of Curo Brkg were present to provide a presentation to the Trustees and members on their plans for an eating and outdoor entertainment venue in Oakley Station. The Trustees were advised that a change to the Concept Plan for PD #64 from office use to outdoor and entertainment venue was required. Mr. Mark Hemberger made a request of the Board of Trustees for a Letter of Support for such change.

The following motion was made at the January 7, 2020 OCC meeting: "[m]otion to support a Major Amendment to the Concept Plan for PD #64 to allow for the site, which was originally designated for office use, to be developed as an eating and outdoor entertainment venue." As reflected in the OCC meeting minutes, the motion passed unanimously, with two abstentions.

Thank you for your cooperation and assistance. If you need any further information or have any questions, I can be reached at seth.shaifer@oakleynow.com

Sincerely,

Seth Shaifer

Seth Shaifer
Zoning Committee Chair
OCC Trustee

Attachment
CC: OCC File
Mark Hemberger

Attachment G

May 5, 2022

Mrs. Anne F. McBride
McBride Dale Clarion
5721 Dragon Way, Suite 300
Cincinnati, Ohio 45227

Re: 3065 Vandercar Way | Oakley Yard (D) – **(CPRE220028)** Final Recommendations

Dear Mrs. McBride,

This letter is to inform you that our CSR Advisory-TEAM and CSPRO Committee has reviewed your proposed project at **3065 Vandercar Way** in the Community of Oakley. The information provided is the recommendations of the City of Cincinnati and must be followed as you move forward with your project. As a reminder, we will have a **WebEx conference call meeting** with you on **May 10, 2022 @ 1:30 pm** to discuss this information. Please see the feedback listed below. Thank you for developing within the City of Cincinnati.

City Planning & Engagement Department

Immediate Requirements to move the project forward:

1. Complete application for a Major Amendment to the PD Concept Plan and a Final Development Plan. Support in writing from the Oakley Community Council.

Requirements to obtain permits:

1. Approval needed from City Planning Commission and City Council.

Recommendations:

- None

Contact:

- **Caroline Kellam** | City Planning | 513-352-4840 | caroline.kellam@cincinnati-oh.gov

City Planning & Engagement Department – Zoning

Immediate Requirements to move the project forward:

1. This site is zoned PD and thus the City Planning staff will manage the review and approval. The Zoning staff has no comment.

Requirements to obtain permits:

- None

Recommendations:

- None

Contact:

- **Wes Munzel** | ZPE | 513-352-2442 | weston.munzel@cincinnati-oh.gov

Metropolitan Sewer District (MSD)

Immediate Requirements to move the project forward:

- None

Requirements to obtain permits:

1. Your project may change flow to a sewer overflow. Please complete the Request for Availability of Sewer Service Form online. The link to the online form can be found at http://www.msdgc.org/customer_care/development_services/index.html Email questions to MSDAvailability@cincinnati-oh.gov
2. An approved site utility plan will be required for building to receive approved permit.
3. Your project will require a grease trap review. The application and instructions can be found at https://msdgc.org/customer_care/development_services/index.html Submit the application, plans, and menu to SewerUseApplications@cincinnati-oh.gov."

Recommendations

- None

Contact:

- **Jim Wood** | MSD | 513-352-4311 | jim.wood@cincinnati-oh.gov

Stormwater Management Utility (SMU)

Immediate Requirements to move the project forward:

- None

Requirements to obtain permits:

1. Detention requirements: design may follow MSD rules, section (combination sewer area, consult with MSD)
    - Submit detention calculations.
    - Show details of detention structure. Submit detention shop drawings.
2. Utility Plan:
    - Label all proposed storm lines size and material.
    - Where does the proposed Stormwater system outlet into the public sewers?
    - Show downspouts ties to the sewer system.
    - Pipes inside Public Right-of-Ways must be in DIP or RCP material.
3. Grading plan: SMU will verify that the proposed system captures all runoff.
4. Submit an Erosion/Sediments control plan.
5. Include SMU standard Plans Notes https://www.cincinnati-oh.gov/stormwater/construction-and-design/standards/smu-standard-plan-notes-april-2022/

Recommendation:

1. FYI, if your proposed Stormwater system ties into public sewers, SMU will require an As-Built survey at the end of construction. The survey should include the following information:
    - State Plane Coordinates (N,E) for all MH's and Catch Basins
    - Inverts and Top elevations for all MHs and Catch Basins
    - Slopes, sizes, and materials for all storm lines.

Contact:

- **Saidou Wane** | SMU | 513-591-7819 | saidou.wane@cincinnati-oh.gov

Water Works

Immediate Requirements to move the project forward:

- None

Requirements to obtain permits:

1. The new water service branch(es) can be connected to the existing 12-inch public water main in Vandercar Way.
2. Must have proper backflow preventer per Greater Cincinnati Water Works Rules and Regulations 401-125 and Ohio EPA Chapter 3745-95 of Ohio Administrative Code, contact Premise Services, Ben McQueary 513-591-7835.
3. Will need a hot box for the backflow preventer. The backflow preventer should be right behind the meter setting.
4. Greater Cincinnati Water Works Standard drawings. (https://www.cincinnati-oh.gov/sites/water/assets/File/Engineering/StandardDrawingsRevised7-12-19_Signed.pdf).
5. Greater Cincinnati Water Works Service Branch and Meter Procedures (https://www.cincinnati-oh.gov/sites/water/assets/File/Engineering/CURRENT_BRANCH_AND_METER_PROCEDURES.pdf).

Recommendations:

1. The Owner(s)/Developer(s) will need to hire a Greater Cincinnati Water Works certified licensed and bonded plumber to perform the private water service branch design work and installation.
2. The Owner(s)/Developer(s) must have a licensed plumber that is bonded and certified with GCWW and fill out the Online Branch application https://www.cincinnati-oh.gov/water/engineering-construction/forms-specifications/ for water service.

Contact:

- **Rick Roell** | WaterWorks | 513-591-7858 | richard.roell@gcww.cincinnati-oh.gov

Fire Department

Immediate Requirements to move the project forward:

1. A site plan is needed showing 2 Fire Hydrants within 400 feet of all sides of your project. The site plan should show the location of any FDC's. A Fire hydrant should be located within 50 feet of the FDC.
2. The minimum fire flow requirements for Commercial structures is a minimum of 2,000 gallons/per/minutes (GPM) @ 20 pressure/per/square inch (psi) (138Kpa).

Requirements to obtain Permits:

1. Your site plan should show the width of the entrance / exits to the parking lot. The site plan should show the width of the actual driving area in the parking lot.
2. Fire apparatus access roads shall have an unobstructed width of not less than 20 feet

Contact:

- **Robert Hart** | Fire Dept. | 513-352-7597 | robert.hart@cincinnati-oh.gov

Office of Environment and Sustainability (OES)

Immediate Requirements to move forward with project:

- None

Requirements to obtain permits:

1. Commercial waste, including construction and demolition debris, generated during this development project must utilize a City franchised commercial waste collection service per Cincinnati Municipal Code Chapter 730. Additional information can be found at https://www.cincinnati-oh.gov/oes/commercial-waste-hauler-program/.

Recommendations:

1. The following recommendations are based on adopted City of Cincinnati environmental and sustainability policies:
   a. The development goal should be to earn at a minimum the LEED Certified rating level.
   b. Rooftop solar should be considered in the design as a renewable energy source.
   c. Site parking should include electric vehicle charging stations.
   d. Site areas designated for trash dumpsters should also have at least equal space designated for recycling dumpsters.
   e. The use of trees in the landscape design should be included to enhance urban forestry.
   f. The use of pervious surfaces should be maximized to the extent practical in the design.

Contact:

- **Howard Miller** | OES | 513-352-6999 | howard.miller@cincinnati-oh.gov

Parks Department (Urban Forestry)

Immediate Requirements to move the project forward:

- None

Requirements to obtain permits:

1. No trees in the sidewalk cut-outs in the ROW are to be touched or removed.

Recommendations:

1. None

Contact:

- **Marianne Prue** | Urban Forestry | 513-861-9070 | marianne.prue@cincinnati-oh.gov

Department of Transportation & Engineering (DOTE)

Immediate Requirements to move the project forward:

- None

Requirements to obtain permits:

1. Coordinate with the Oakley Community Council and DCED regarding the pedestrian tunnel.
2. No vehicular access is permitted on Vandercar with the plan as shown.
3. All work in the right of way will require a DOTE permit.
4. Assigned address is 3065 Vandercar Wy. Once site is constructed, the address number must be posted and visible from the street.

Recommendations:

- None

Contact:

- **Morgan Kolks** | DOTE | 513-335-7322 | morgan.kolks@cincinnati-oh.gov

Buildings & Inspections – Buildings

Immediate Requirements to move the project forward:

- None

Requirements to obtain permits:

1. Each structure requires its own permit application
2. The assembly building requires suppression
3. 2017 OBC section 503.1.2 Buildings on the same lot may be regulated as one building or as separate buildings with imaginary property lines which require fire separation and opening restrictions.
4. Shipping containers must conform to the attached BBS memo. Containers must conform to all 2017 OBC requirements.
5. A Statement of Special Inspections will be required for each shipping container structure.

Recommendations:

- None

Contact:

- **Robert Martin** | B&I Plans Exam | 513-352-2456 | robert.martin@cincinnati-oh.gov

Law Department

Immediate Requirements to move the project forward:

- No comments at this time

Requirements to obtain permits:

- None

Recommendations:

- None

Contact:

- **Charles Martinez** | Law | 513-352-3359 | charles.martinez@cincinnati-oh.gov

Department of Community & Economic Development (DCED)

Immediate Requirements to move the project forward:

- None

Requirements to obtain permits:

- None

Recommendations:

- None

Contact:

- **Katrina Gragston** | DCED | 513-352-6250 | katrina.gragston@cincinnati-oh.gov

Health Department

Immediate Requirements to move the project forward:

- None

Requirements to obtain permits:

1. A food facility plan review by the Cincinnati Health Department (CHD) will be required if future or current space (or tenant) is licensable (or is currently licensed) as a food service operation (FSO) or retail food establishment (RFE). If licensable, plumbing will not issue permits until CHD has completed the food facility review and approved the project.

Recommendations:

1. For assistance in determining whether facility is licensable as an FSO/RFE or not, please contact me to discuss.

Contact:

- **Trisha Blake** | Health Dept. | 513-352-2447 | trisha.blake@cincinnati-oh.gov

Police Department

Immediate Requirements to move the project forward:

- None currently.

Requirements to obtain permits:

- No comments.

Recommendations:

- None

Contact:

- **Katalin Howard** | Police Dept. | 513-352-3298 | katalin.howard@cincinnati-oh.gov
- **Brandon Kyle** | Police Dept. | 513-564-1870 | brandon.kyle@cincinnati-oh.gov

---

FINAL ACTION: The CSR Advisory-TEAM and CSPRO Committee believes that the proposed project plans are moving in the appropriate direction and recommends that the project move forward to City Planning Commission subject to the following condition.

- **The subject development must follow the requirements listed above to ensure that the development meets the requirements of all agencies as they apply for all permits.**

Sincerely,

Art Dahlberg,
Director of Buildings and Inspections Department
& CSPRO Committee Chair

Rodney D. Ringer,
Development Manager

AD:RDR:hs

PLANNED DEVELOPMENT (PD-64) OAKLEY STATION HISTORY

1. May 2011 – PD-64, Oakley Station (74-acre site) created by Zone Change – Concept Plan and Program Development Statement approval

2. October 2011 – Oakley Station Final Development Plan approval by the Planning Commission

PD-64 - Final Development Plan proposal included:

- 250 Residential units
- 300,000 sq. ft. Office space
- 350,000 sq. ft. Retail space
- 55,000 sq. ft. Movie Theater

Major Amendments to the Concept Plan and Development Program Statement PD-64 Approved by City Council since 2011

3. Ordinance 43-2012
   Increase residential from 250 units to 307 units – Phase 1B

4. Ordinance 179-2013
   Permit fuel sales at Kroger – Phase 1C

5. Ordinance 240-2015
   Expand residential for an additional 148 units. Parking garage with 385 spaces to serve future office uses – Phase 2A

6. Ordinance 333-2015
   Three Office Buildings – 320,000 sq. ft., parking garage, 120 room hotel – Phase 2B

7. Ordinance 10-2017
   Mike's Car Wash – Phase 1L

Comparison 2011 to 2022

Category	Initial Concept	Actual	Difference
Commercial (sq.ft.)	350,000	261,658	(88,342)
Office (sq.ft.)	300,000	84,252	(115,748)
Movie Theatre (sq.ft.)	55,000	53,995	(1,005)
Residential (units)	250	457	207
Hotel (rooms)	0	108	108
Garage (spaces)	0	385	385

Attachment I

city of CINCINNATI
Interdepartment Correspondence Sheet

August 5, 2022

To: Ms. Katherine Keough-Jurs
Director, Department of City Planning & Engagement

From: Markiea L. Carter
Director, Department of Community & Economic Development

Subject: Economic Analysis of Oakley Station

BACKGROUND

Oakley Station is a 74-acre redevelopment of the former Milacron factory site in the Oakley neighborhood of Cincinnati. The City facilitated the demolition of existing manufacturing buildings on the site, associated environmental clean-up, and construction of new public infrastructure through an incentive package as follows:

Clean Ohio Revitalization Fund (CORF) Grant via State of Ohio: $3,000,000
Clean Ohio Assistance Fund (COAF) Grant via State of Ohio: $300,000
Project Based Tax Increment Financing Cash - $2,997,045
Project Based Tax Increment Financing Bond Proceeds - $5,000,000
Total Assistance City of Cincinnati/State of Ohio - $10,997,045

The assistance of roughly $11,000,000 provided a site-ready development originally planned to contain 200 apartments, 250,000 square feet of office space, 350,000 square feet of retail space, and a movie theater. Since the initial project concept was established in the Development Agreement, the Developer has sought and received several modifications to the Planned Development that 1. Increased the number of apartments 2. Decreased the amount of commercial space and 3. Added a public parking garage. Below is a summary of what has been constructed compared to the initial project concept outlined in the Development Agreement between the City and USS Realty:

Category	Initial Concept	Actual	Difference
Commercial (sqft)	350,000	261,658	(88,342)
Office (sqft)	250,000	84,252	(165,748)
Movie Theatre (sqft)	55,000	53,995	(1,005)
Residential (units)	250	457	207
Hotel (rooms)	0	108	108
Garage (spaces)	0	385	385

Since 2012, the Developer has pursued a series of additional financial incentives for the new private improvements at Oakley Station and other financing incentives for Public Improvements. The Developer sought and received CRA tax abatements for the first and second phases of Apartments, the Kroger Marketplace, the Anthem Office Building, and the Homewood Suites Hotel. One commercial tenant (Olive Garden) applied for but did not ultimately receive a CRA tax abatement. In 2015, the Developer requested and received an additional $6,243,600 in Project Based Tax Increment Financing for constructing a new public parking garage to support the office portion of the development. This brought the City's total direct investment (cash and bonds) to Oakley Station to a total amount of $17,540,645. This amount does not include the forgone TIF revenues from the above listed CRA tax abatements.

Economic Benefits of Current Project

At the time of Agreement execution, the Developer anticipated the development would create 1,700 jobs [A]. From the reporting requirements of the various incentives provided and DCED's estimates regarding parts of the Project that do not have reporting requirements, DCED estimates that the Project has created at least 832 FTE jobs. The Developer estimates that 1,300 jobs have been created but this figure includes many part-time positions [B]. In either calculation, the shortfall from the initial estimate is primarily due to the commercial to apartment conversion and that 2/3 of the office development had not been constructed due to a lack of end users. Of the proposed 1,700 jobs to be created, 1,000 jobs were to come from the office portion of the development. Only the office building occupied by Anthem Insurance has been built, which has reported 492 jobs.

ECONOMIC ANALYSIS OF CURRENT REQUESTS

The Developer has requested modifications to the site plan that would 1. Reduce the remaining square footage of office buildings to be constructed and 2. Reduce the available parking that would be committed to the remaining office building footprint.

Past Marketing Attempts for Office:

By providing financial incentives to facilitate the original concept plan for the Oakley Station Development, the City was following its GO Cincinnati Strategy, where the Madison Road corridor was cited as a "prime location for a complex office/retail/high density housing concentration. This area can provide the "drivable suburban" office location that the City is currently lacking and mix it in with a walkable redevelopment of Historic Madisonville. Due to its proximity to I-71, the CBD, and large swaths of excellent demographics, this corridor has a strong opportunity to capture growth in office and supporting retail demand." The Strategy called for the City to "actively compete for modern office demand; provide land and development support" and to "potentially secure larger sites (3+ acres) to make them readily available to office developers". The City was implementing this strategy with its financial support for the Oakley Station development and its inclusion of 250,000

[A] Total jobs were expected to include full-time & part-time employees.
[B] DCED calculated jobs based on incentive reports & estimates of 1 job per 1,000 square feet of retail space. The Developer used current reports & a 2018 employment survey with updates that estimated 1/3 of the total at full-time & 2/3 at half-time.

square feet of office space spread over three office pads. The City has had overall success within the Madison Road Corridor. In addition to Anthem Insurance (located within Oakley Station), the City has assisted Cincinnati Federal Credit Union and Hubbard Radio with securing development sites along the Kennedy Connector totaling 50,000 square feet. Furthermore, the City assisted with two phases of office space for Medpace, totaling 450,000 square feet.

The Developer of Oakley Station has undertaken substantial efforts to land office users, often in close coordination with DCED. The development site was often the only location within the City in competition for users primarily seeking a suburban office product with access to I-71. Despite these efforts, the only end user to build in Oakley Station to date was Anthem Insurance, which opted to locate to Oakley Station instead of leaving the City for a comparable suburban office campus.

Current Office Market

The office market for Cincinnati remains a challenge as office users continue to simultaneously make decisions on their square footage needs and alter their remote/in-person work schedules to fit the needs of their business. Recent market studies have supported this claim and have shown that the need for additional office space remains uncertain. Office subleasing has neared record highs in the past three years, but more tenants are choosing to sublease available space. Many users focus on plug-and-play subleases with furniture as well as Class A+ properties with substantial amenities. Available space being leased is also rising but is still lagging due to economic recovery.

It is DCED's understanding that the majority of current market demand for new office construction will come from a limited pool of end users that desire a specific location within the City. It is also DCED's understanding that suburban-style office is not in as high demand as an office sub-type as it was 15 years ago within the City when the GO Cincinnati Study was authored. While Oakley Station's office pads are attractive to users who desire new construction with access to I-71 and a suburban office campus feeling, the pool of potential users seeking those amenities in the current market may be limited.

Economic impact of eliminating the office pad and allowing the bar/entertainment venue

As currently accepted within the Planned Development, office pad B would contain a 3-story, 90,000 square foot office building. If office pad B were to perform the same as the similar-sized Anthem Building, it would be assumed that 500 jobs would be created with an estimated annual income tax of $657,000. However, the relocation of Anthem Insurance to the Oakley Station site did require significant public incentives in the form of a CRA tax abatement, Job Creation Tax Credit, and direct financial assistance for the construction of the new public garage; so the new income tax received would be offset by tax incentives offered for the development.

If the Applicant's proposed bar/entertainment venue were approved, 20 retail jobs would be created with an estimated annual income tax of $29,520. Though the bar/entertainment venue would provide substantially less income tax to the City, the development would be an $8,000,000 investment into Oakley Station, providing $125,000 in annual property taxes (est. $4MM valuation) and $325,000 in annual sales taxes.

Economic impact of reducing the office pad, eliminating the parking garage, and allowing the additional hotel

As currently accepted within the Planned Development, office pad A would contain a 3-5 story, 150,000 square foot office building. If office pad A were to perform proportional to the Anthem Building, it would be assumed that 834 jobs would be created with an estimated annual income tax of about $1,000,000. However, as noted above, the relocation of Anthem Insurance to the Oakley Station site did require significant public incentives in the form of a CRA tax abatement, Job Creation Tax Credit, and direct financial assistance for the construction of the new public garage so the new income tax received would be offset by any tax incentives offered for the potential development. An additional garage for this office building would likely require a larger footprint or parking arrangements with adjacent property owners for shared parking.

If the proposed reduction of office pad A to 125,000 square feet were approved, it would be assumed that 500 jobs could be created with an estimated annual income tax of $657,000 at the site if/when an office building is constructed [c]. Furthermore, if the proposed hotel were approved, 15 additional jobs would be created with an annual income tax of $13,050.

The Applicant did provide DCED with a market demand and economic feasibility report of an additional hotel in Oakley Station. The report found that the current hotel in Oakley Station (Homewood Suites) had an average occupancy rate of 83.7% in the first quarter of 2022 and had been consistently above 70% since April 2021. Market research shows that the ideal occupancy rate range is between 70-90%. Additionally, it was found that there had been an increase in total occupancy but not in the total availability of hotel rooms within the Midtown area of Cincinnati.

While the hotel developer has requested a CRA tax abatement, the City has determined not to offer this incentive due to its location within a Project TIF and lesser benefits provided than the initially anticipated office use for this portion of the site. If the hotel moves forward as planned, all these benefits will be realized without tax incentives. Provided there remains an office component of the Oakley Station development, the City remains committed to considering tax incentives to potential office users for the 120,000 square foot site that will provide substantial income tax benefits to the City as noted above in this analysis.

[c] Developer provided job totals per proposed amendment. DCED estimated annual income tax using Anthem's current JCTC report.

CONCLUSION

DCED does not provide recommendations for Planned Development modification requests but provides the above analysis for use by City Planning & Engagement staff and the City Planning Commission. Furthermore, DCED is not offering financial incentives for either of the proposed uses due to the factors as mentioned above. Both proposed Project amendments would not be offered any tax incentives to proceed, so all benefits listed will be fully realized if both Projects were to progress.

Copy: Markiea L. Carter, Director, Department of Community and Economic Development



USS Realty, LLC

August 4, 2022

Ms. Caroline Kellam
City of Cincinnati
Department of City Planning and Engagement
805 Central Ave, Centennial II, Ste. 700
Cincinnati, Ohio 45202

RE: Cincinnati Planning Commission Meeting of July 15, 2022
Oakley Station CDP Amendments

Dear Ms. Kellam:

In follow-up to the July 15, 2022 meeting of the Cincinnati Planning Commission I am providing this letter to more fully respond to questions posed by the Planning Commission and to provide additional information that may be relevant to its decisions in the cases related to the Oakley Station development. I thought it would be useful to provide a comparison of the project's actual performance to-date in with that anticipated at the origination of the redevelopment concept.

In January of 2011, USS Realty entered a Development Agreement with the City of Cincinnati for the redevelopment of the project now known as Oakley Station. The project required acquisition of 74 acres of land from multiple owners containing almost 2,000,000 sq. ft. of nearly vacant, deteriorating, obsolete and environmentally contaminated industrial facilities. As part of the Development Agreement, USS Realty committed to pursuing a mixed-use development of an approximate value of $93,000,000. Additionally, as part of the Development Agreement, USS Realty anticipated job creation of approximately 1,700 full-time equivalent (FTE) jobs from the project. The City of Cincinnati agreed to participate by providing tax increment financing (TIF) funds of approximately $8,000,000 for public improvements. Additionally, the City agreed to cooperate with the developer in pursuing State of Ohio funding to support a portion of the environmental cleanup of the site.

To date, the Oakley Station project has produced private development totaling more than $144,000,000 as more fully broken down in the attached table. Based on the current proposed CDP Amendments for Oakley Yard and the Fairfield and Towneplace Suites hotel, at full buildout the project will result in a value of nearly $190,000,000 – more than double that anticipated by the Development Agreement. Based on feedback from Oakley Station tenants surveyed in 2018 and supplemented by estimates from similar businesses, Oakley Station currently supports approximately 1,300 FTEs. Assuming project

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Miamisburg, OH 45342
Phone: 937-910-9900
Fax: 937-910-9910

completion in accordance with the two proposed amendments the job creation at Oakley Station will total more than 1,840 FTEs exceeding the projection from 2011.

USS Realty, the owner of the Oakley Station development, and Vandercar, the master developer of the project, used the TIF funding outlined in the Development Agreement to construct, reconstruct and improve new and existing City public streets and utilities necessary to support redevelopment of the Oakley Station site and surrounding properties. This included $3,000,000 to rebuild and improve utility infrastructure in the dilapidated Disney Street using surplus funds from property taxes generated from the adjacent Center of Cincinnati developments developed by Vandercar in the early 2000's and accumulating in the Center of Cincinnati Project TIFs. Additionally, $5,000,000 was invested to improve and extend public streets and utility infrastructure through and around the perimeter of Oakley Station to serve the redevelopment and surrounding properties. This $5 MM of TIF funding was provided from a new Oakley Station Project TIF supported by property taxes to be generated from the value of the proposed private improvements and further backed by a special assessment placed on the USS Realty properties to backstop any potential shortfall. No TIF funding was utilized from the Oakley District TIF.

USS Realty and the City of Cincinnati were successful in securing two grants from the State of Ohio totaling $3,300,000 to assist in the asbestos abatement, demolition, and soils remediation necessary to make the property available for redevelopment. As part of that process, USS Realty successfully brought the cleanup effort through the State's Voluntary Action Program and received a No Further Action Letter and Covenant Not to Sue, making the property viable for the private investment and commercial lending necessary to achieve the value creation we've seen to date. The City's participation as cooperating applicant was critical to receiving these grants; however, no City financial investment was required as the extensive environmental study, testing, investigation, and grant application package was funded by USS Realty, and any associated City efforts were reimbursed from the proceeds of the grants.

In 2015, the City of Cincinnati entered a separate Development Agreement with Oakley Office Partners associated with construction of a $6.2 MM parking structure to support development of the approximately 80,000 sq. ft. office building located in Oakley Station to retain Anthem Insurance's offices in the City following their planned exit from their existing East Walnut Hills offices. Again, this $6.2 MM was provided from surplus funds generated by the Center of Cincinnati Project TIFs. Additionally, USS Realty, Vandercar, and its partners worked with Anthem to purchase its existing East Walnut Hills property to facilitate the Oakley office move. That site is currently being redeveloped as Woodburn Exchange, bringing more than 300 new residential apartments to the East Walnut Hills neighborhood.

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Miamisburg, OH 45342
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Fax: 937-910-9910

Overall, we view the Oakley Station development as tremendous success and a valuable contributor to the Oakley neighborhood and the City of Cincinnati as a whole. Approval of the two proposed CDP Amendments will provide the remaining development much needed momentum coming out of the extremely difficult circumstances driven by the pandemic with projects both unanimously supported by the neighborhood community council. It is important to the viability of both projects that they move forward without further delays. With that in mind, please do not hesitate to contact me by phone at (513) 600-7370 or by email at sdragon@vanhold.com with any additional questions or requests for information.

Sincerely,
USS REALTY, LLC

Steven N. Dragon, P.E.

Attachment

9900 Springboro Pike
Miamisburg, OH 45342
Phone: 937-910-9900
Fax: 937-910-9910

September 13, 2022

Cincinnati City Council
Council Chambers, City Hall
Cincinnati, Ohio 45202

Dear Members of Council:

We are transmitting herewith an Ordinance captioned as follows:

> **APPROVING** a major amendment to the concept plan and development program statement governing a portion of Planned Development No. 64 – Phase 2B located south of Vandercar Way in the Oakley neighborhood to eliminate a proposed office building and to permit the development of an entertainment complex consisting of eating and drinking uses and recreation and entertainment uses.

Summary
In May 2011, City Council approved a zone change to create Planned Development #64 (PD-64), Oakley Station. On October 21, 2015, City Council approved a Major Amendment for a 90,000 square foot office building within PD-64 on this site at 3065 Vandercar Way. The proposed office building has not been built and the site is currently vacant.

A Major Amendment to the Concept Plan and the Development Program Statement has been requested for the following reason:

- To allow for a bar/restaurant/recreational/entertainment complex on this site instead of the previously proposed 90,000 square foot office building.

The staff of the Department of City Planning and Engagement supports the proposed Major Amendment to the Concept Plan and Development Program Statement for the proposed bar/restaurant/recreational/entertainment complex in PD-64 for the following reasons:

1. The proposal will not negatively impact the existing character of the surrounding area;
2. The proposal will provide a new variety of uses in the City;
3. The proposal is supported by the Oakley Community Council; and
4. The proposal is consistent with *Plan Cincinnati* (2012) and the *Oakley Master Plan* (2019).

On August 19, 2022, the City Planning Commission voted unanimously to recommend approval of the Major Amendment to the Concept Plan and Development Program Statement for PD-64, Oakley Station, for an entertainment complex in Oakley to City Council.

Motion to Approve the Administration's recommendation: Ms. Kearney

Seconded: Mr. Weber

Ayes: Mr. Weber
Mr. Eby
Ms. Kearney
Mr. Stallworth

THE CITY PLANNING COMMISSION

Katherine Keough-Jurs

Katherine Keough-Jurs, FAICP, Director
Department of City Planning and Engagement

city of CINCINNATI
Interdepartment Correspondence Sheet

September 13, 2022

To: Mayor and Members of City Council 202201709

From: John Curp, Interim City Manager

Subject: Ordinance – Major Amendment to the Concept Plan and Program Development Statement, PD-64, Oakley Station, for a hotel

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Transmitted is an Ordinance captioned:

> **APPROVING** a major amendment to the concept plan and development program statement governing a portion of Planned Development No. 64 – Phase 2B located north of Vandercar Way in the Oakley neighborhood to eliminate a proposed parking garage, to reposition and reduce the square footage of a proposed office building, and to permit the development of a hotel.

Summary

In May 2011, City Council approved a zone change to create Planned Development #64 (PD-64), Oakley Station. On October 21, 2015, City Council approved a Major Amendment was approved by City Council for a hotel and office use within PD-64 on this site. The approval specified a 150,000 square feet of office space, 3 to 5 stories tall, a 400-space parking garage, and a five-story hotel adjacent to the office use. The proposal included 665 parking spaces to be shared by the proposed office and hotel and restaurant. As of today, the hotel has been built, yet the 150,000 square foot office building and parking garage have not been built on this site.

A Major Amendment to the Concept Plan and the Development Program Statement has been requested to allow for a hotel on this site, allow a reduced sized office building from the proposed 150,000 square foot building to a 125,000 square foot building and move the proposed office building further west and closer to the perimeter lot line than the previously approved location. Also, this allows for the elimination of the previously proposed 400-space parking garage yet compensating with a total of 714 surface parking spaces.

The staff of the Department of City Planning and Engagement supports the proposed Major Amendment to the Concept Plan and Development Program Statement for the proposed hotel in PD-64 for the following reasons:

1. The proposal will not negatively impact the existing character of the surrounding area;
2. The proposal will provide needed hotel space in the City;
3. The proposal is supported by the Oakley Community Council; and
4. The proposal is consistent with *Plan Cincinnati* (2012) and the *Oakley Master Plan* (2019).

On August 19, 2022, the City Planning Commission voted unanimously to recommend approval of the Major Amendment to the Concept Plan and Development Program Statement for PD-64, Oakley Station, to eliminate the proposed parking garage, to reduce square footage of and move the location of the office building, and add a hotel in Oakley to City Council.

cc: Katherine Keough-Jurs, FAICP, Director, Department of City Planning and Engagement

City Business List

MEH

EESW

City of Cincinnati

An Ordinance No. _____ - 2022

APPROVING a major amendment to the concept plan and development program statement governing a portion of Planned Development No. 64 – Phase 2B located north of Vandercar Way in the Oakley neighborhood to eliminate a proposed parking garage, to reposition and reduce the square footage of a proposed office building, and to permit the development of a hotel.

WHEREAS, USS Realty, LLC ("USS") is the owner of an approximately 73-acre site located near the southwest corner of Marburg Avenue and Madison Road in the Oakley neighborhood ("Oakley Station"), which property Council rezoned from Planned Development District No. 36 to Planned Development District No. 64 ("PD-64") pursuant to Ordinance No. 147-2011; and

WHEREAS, the Oakley Station development is a phased development that consists of various restaurant, retail, office, theater, and residential uses; and

WHEREAS, since the establishment of PD-64 in 2011, Council has approved several major amendments to its concept plan and development program statement pursuant to Ordinance No. 43-2012, Ordinance No. 179-2013, Ordinance No. 240-2015, Ordinance No. 333-2015, and Ordinance No. 10-2017; and

WHEREAS, USS has requested an additional major amendment to the provisions of PD-64's concept plan and development program statement that govern a portion of Phase 2B located north of Vandercar Way to eliminate a proposed parking garage, to reposition and reduce the square footage of a proposed office building, and to permit the development of a hotel; and

WHEREAS, more particularly, the proposed amendment concerns an approximately 1.134-acre site and provides for the development of a 5-story, 117-room hotel and a 125,000-square foot office building reduced in size from an originally proposed 150,000-square feet; and

WHEREAS, Cincinnati Municipal Code ("CMC") Section 1429-12(b) of the Zoning Code provides that changes in the uses allowed under an approved concept plan constitute a major amendment to the concept plan that requires approval of the City Planning Commission and Council in the same manner as a zoning map amendment; and

WHEREAS, at its regularly scheduled meeting on August 19, 2022, the City Planning Commission approved the proposed major amendment to the concept plan and development program statement for PD-64, finding it in accordance with CMC Sections 1429-09 and 1429-11(a); and

WHEREAS, the proposed major amendment to the concept plan and development program statement for PD-64 is consistent with the Compete Initiative Area of *Plan Cincinnati*

(2012) and specifically its goal to "[c]ultivate our position as the most vibrant and economically healthiest part of our region" (page 114); and

WHEREAS, the proposed major amendment to the concept plan and development program statement for PD-64 is further consistent with the *Oakley Master Plan* (2019), particularly with the Managing Our Future Growth Focus Area and Goal 1 to "[a]ssure that future growth is guided by zoning and planning that will preserve Oakley as a thriving, unique, and pedestrian-scaled urban neighborhood" (page 80); and

WHEREAS, a committee of Council held a public hearing on the major amendment to the concept plan and development program statement for PD-64 following due and proper notice pursuant to CMC Section 111-1, and the committee approved the major amendment, finding it in the interest of the general public's health, safety, morals, and general welfare; and

WHEREAS, Council considers the major amendment to the PD-64 concept plan and development program statement to be in the best interests of the City and the public's health, safety, morals, and general welfare; now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That the zoning map, concept plan, and development program statement for Planned Development No. 64 are hereby amended to incorporate the concept plan amendment, attached hereto as Exhibit A and incorporated herein by reference, and the development program statement amendment, attached hereto as Exhibit B and incorporated herein by reference, which amendments shall eliminate a proposed parking garage, reposition and reduce the square footage of a proposed office building, and permit the development of a hotel within a portion of Phase 2B of Planned Development No. 64 located north of Vandercar Way.

Section 2. That, to the extent the concept plan and development program statement for Planned Development No. 64 are not amended herein, they remain in full force and effect.

Section 3. That this ordinance shall take effect and be in force from and after the earliest period allowed by law.

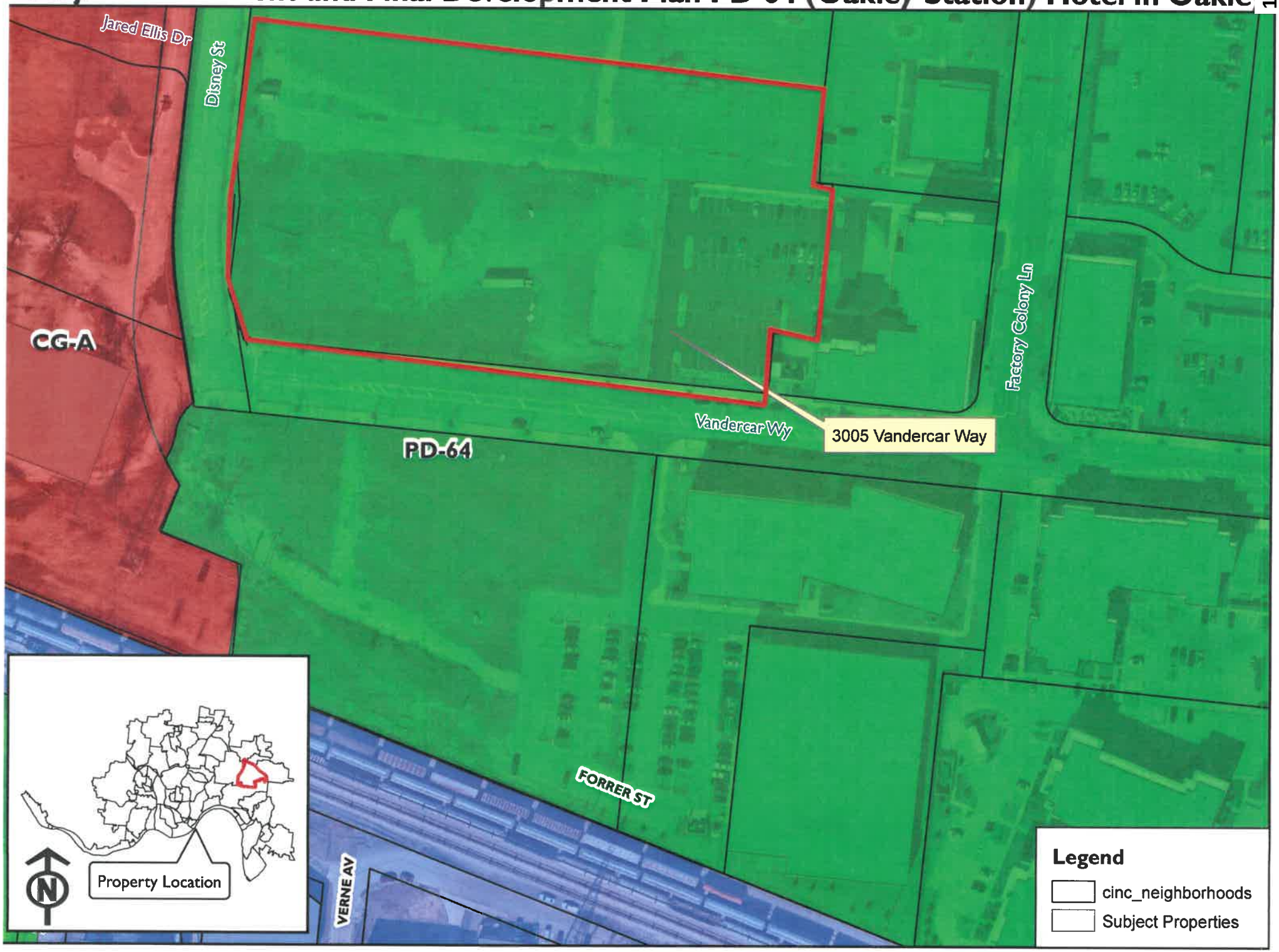
Passed: _____, 2022

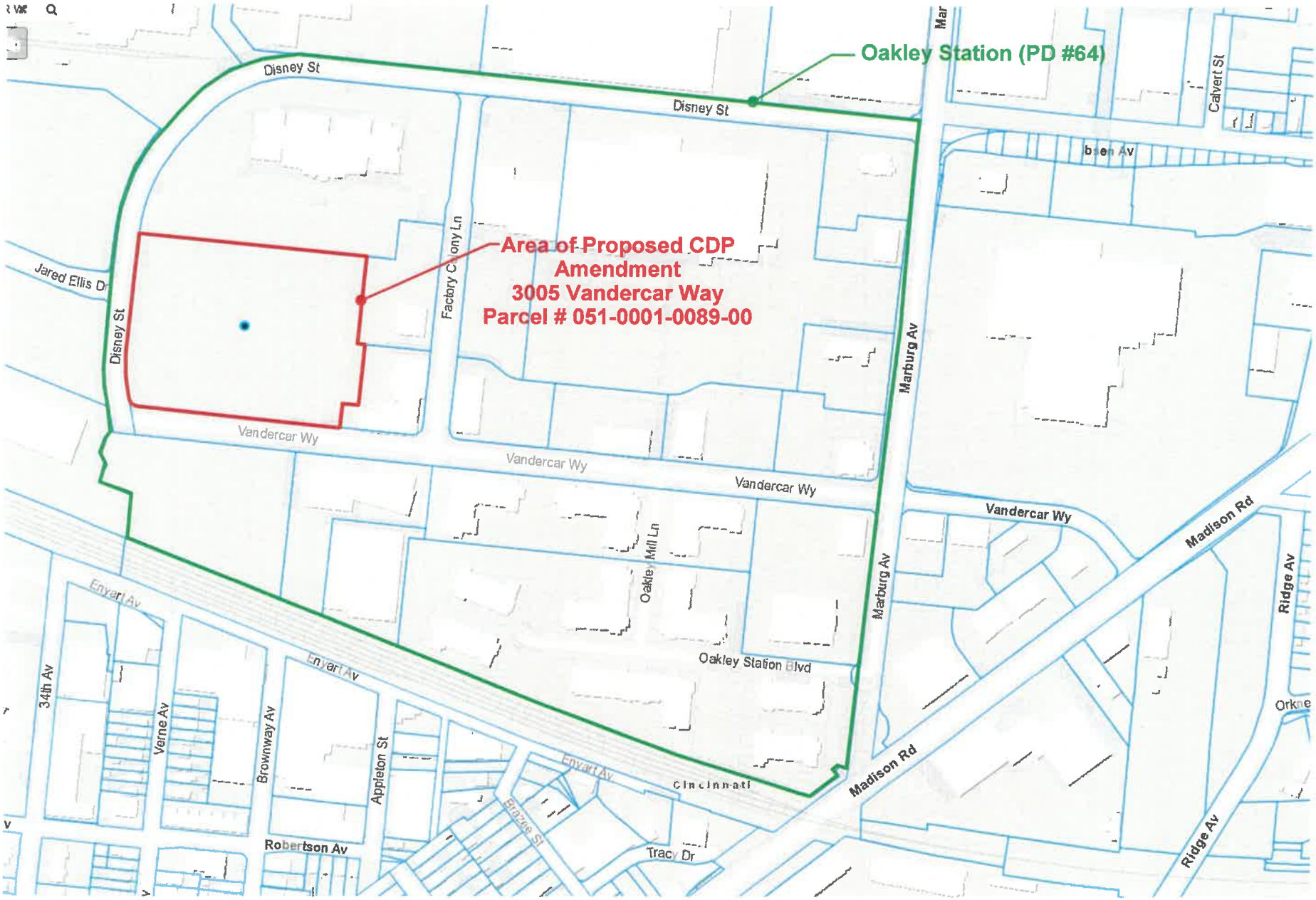
_____
Aftab Pureval, Mayor

Attest: _____
Clerk

EXHIBIT A

Major Amendment and Final Development Plan PD-64 (Oakley Station) Hotel in Oakley

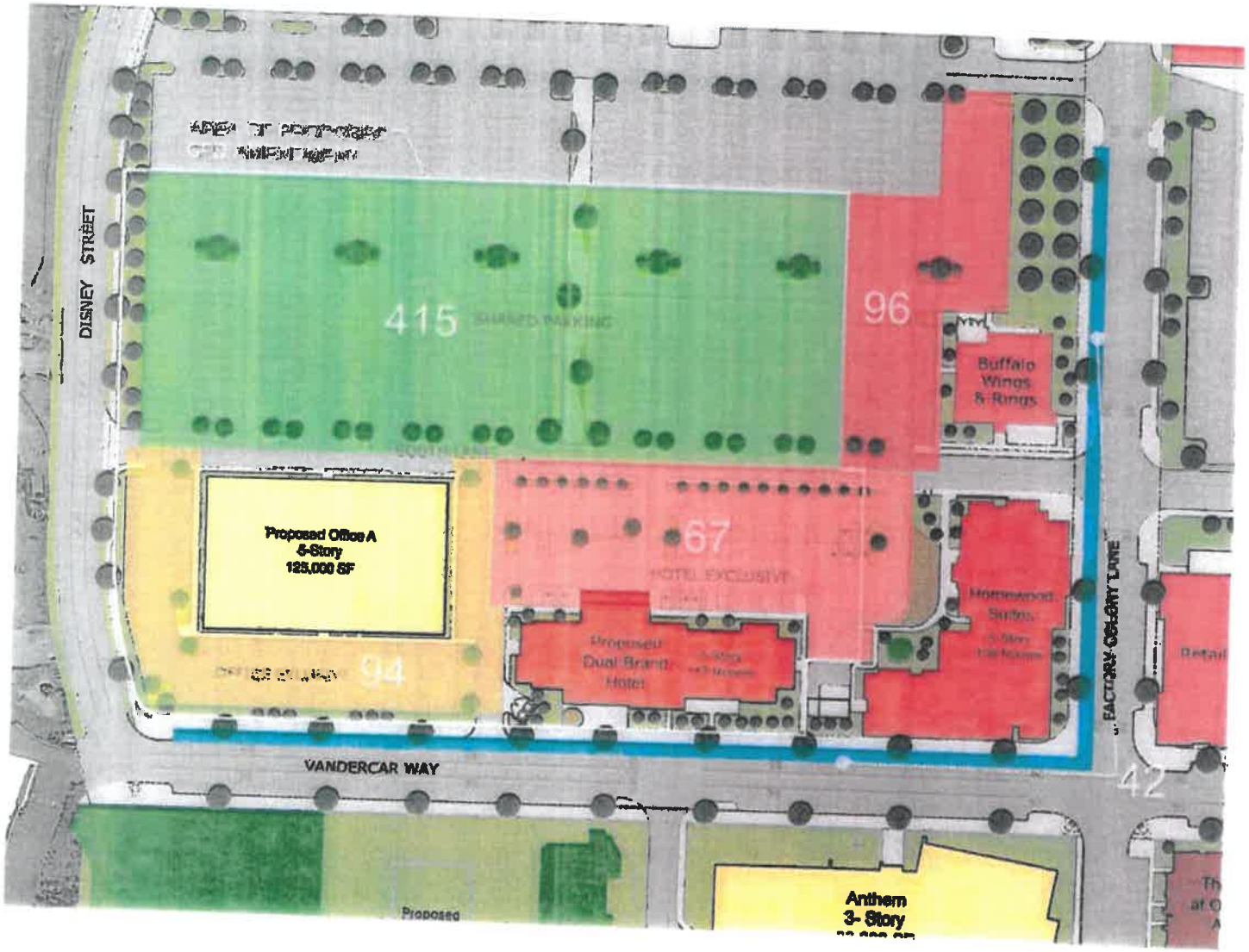




Oakley Station (PD #64) - Proposed Concept Development Plan Amendment

Attachment E

Attachment C



SHARED PARKING DEMAND SUMMARY:

USE:	SIZE:	BASE RATIO:	BASE PKMT:
Restaurant	6,000 sf	(16.0/ksf)	109
Hotel 1	108 room	(1.28/room)	188
Hotel 2	117 room	(1.28/room)	147
Office	125,000 sf	(3.00/ksf scaled)	469

TOTAL BASE SPACES: 911 SPACES

ksf = thousand square feet

SHARED PARKING ANALYSIS:

Peak month: June
Peak period: Weekday, 2 pm

	Pk Hr Adj:	Pk Mo Adj:	Est. Demand:
Restaurant:	0.65	0.85	83
Hotel:	0.80	1.00	102
Office:	1.00	1.00	420

SHARED PARKING PEAK DEMAND: 605 SPACES

TOTAL PARKING PROVIDED:

Hotels - shared
Restaurant - shared
Office - shared
Office - exclusive
On-street - adjacent

TOTAL PROVIDED: 714 SPACES
(less peak parking demand) (605 spaces)

TOTAL PARKING SURPLUS: 49 SPACES

0 20 40 80
1" = 40'

N

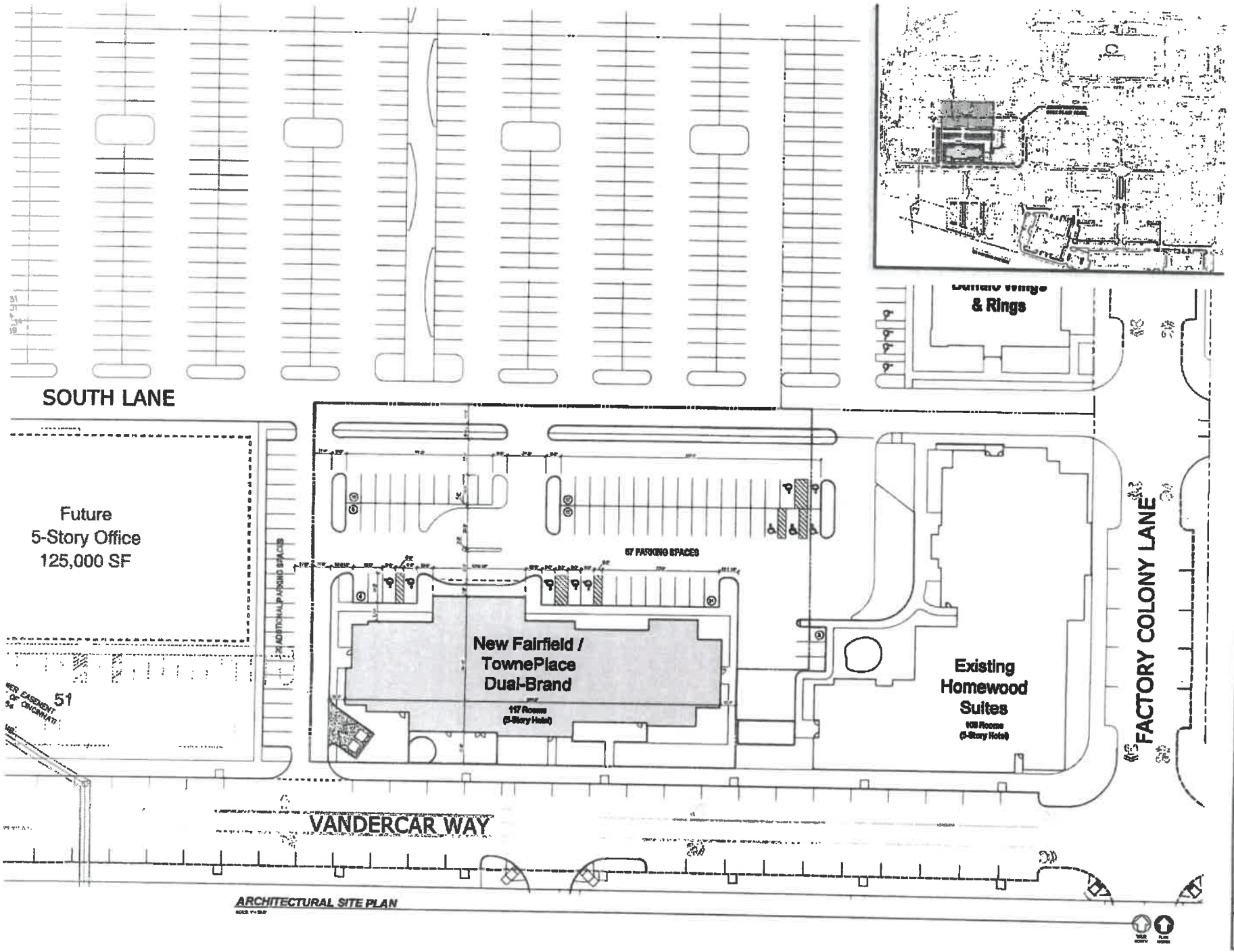
Oakley Station

Amended Concept Development Plan

for
Second Hotel Use and
Modified Office Building A
April 2022

OWNER:
USS Realty, LLC

DEVELOPER:
VANDERCAR



costandi

brackett

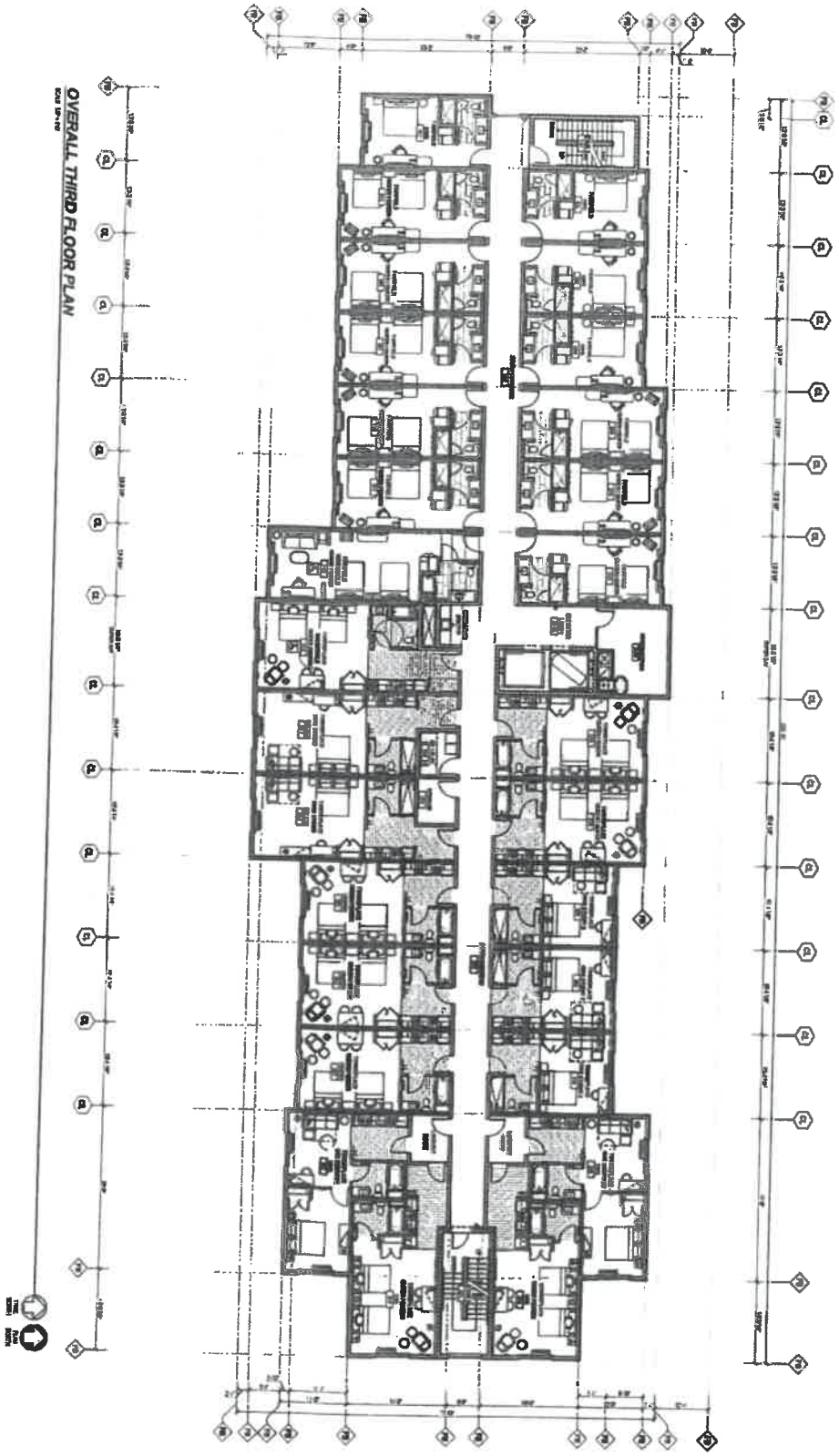
Fairfield BY MARRIOTT AND TOWNEPLACE SUITES BY MARRIOTT

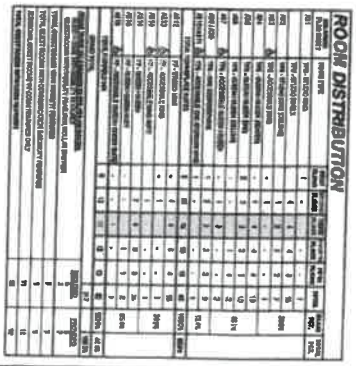
ARCHITECTURAL SITE PLAN

A1.1

Attachment D

ROOM DISTRIBUTION





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Fairfield BY MARRIOTT AND TOWNEPLACE SUITES MARRIOTT

VANDERCAR WAY CINCINNATI, OH 45209 HAMILTON COUNTY

OVERALL THIRD FLOOR PLAN

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EXHIBIT B

CONCEPT DEVELOPMENT PLAN AMENDMENT

DEVELOPMENT PROGRAM STATEMENT
For Amended Concept Development Plan, Oakley Station (PD-64)

The amended Concept Development Plan (CDP) for Oakley Station is for development of second hotel in the northwest portion of the master plan located on the north side of Vandercar Way approximately 400 feet east of its intersection with Disney Street. The hotel will be five stories in height and will included not more than 120 rooms along with typical hotel amenities such as lobby/common areas, an indoor pool and fitness room.

The amended Concept Development Plan includes a modification of the office proposed in the subject area under the current CDP. The amended CDP includes a proposed office building that remains five-stories in height with a floorplate reduced from 30,000 sq. ft. to 25,000 sq. ft. – for a total square footage of 125,000 SF. The location of the office building is shifted to the west to accommodate the second hotel, towards the intersection of Vandercar Way and Disney Street. The planned office is suited to either single- or multiple-tenant use.

Parking is shared throughout this part of the development to take advantage of the complementary peak parking demands of the use mix, including office, hotel and restaurant uses. A shared parking analysis is included with the submittal materials.

CHAPTER 1429, SECTION 1429-09

(a) *Plan Elements.*
- See attached Oakley Station Amended Concept Development Plan (2 sheets – overall and amended area)
- See attached Oakley Station Plat and legal description of Area of Proposed CDP Amendment
- See attached ULI Parking Model Demand Analysis

(b) *Ownership.*
- The amendment area consists of Auditor Parcel No. 051-0001-0089 (3005 Vandercar Way) currently owned by USS Realty, LLC. The proposed hotel development portion of the property is under agreement for purchase and sale to Fair Oaks Enterprises, LTD. who will develop, build, own, and operate the proposed hotel.

(c) *Schedule.*
- The hotel project will be constructed in a single phase with construction starting the 3rd quarter of 2022 and construction completion by the end of 2023. Timing of the office portion of amended CDP has not yet been determined.

(d) *Preliminary Reviews.*
- The Oakley Station project is the redevelopment of the former Cincinnati Milling Machine/Milacron industrial site which was developed and redeveloped in multiple phases over a period of more than a century. As a result, the geotechnical conditions at the property are variable. The subject site is overlain with past uncontrolled fills that require improvement and/or enhanced foundations for structures to be constructed in the area. Past projects (Anthem Office, Homewood Suites) have utilized rammed aggregate piers to

improve the foundation soils prior to building construction. It is anticipated that a similar approach will be utilized for future projects in the area. Additionally, past industrial use of the property resulted in environmental impacts that were addressed as part of the Oakley Station redevelopment including receipt of both a Letter of No Further Action and a Covenant Not to Sue via the State of Ohio Voluntary Action Program. As a result, the subject property, like all the Oakley Station development, is subject to an Environmental Covenant which includes provisions outlining management of soils on the property. The developer of the proposed hotel also developed the adjacent Homewood Suites at Oakley Station and, so, is well aware and knowledgeable of the soil conditions on the subject property.

- Water service is available via public Greater Cincinnati Water Works water mains constructed as part of the Oakley Station project located on both Vandercar Way (12-inch) and on Disney Street (12-inch).
- Sanitary sewer service is available via public Metropolitan Sewer District of Greater Cincinnati sewer main constructed as part of the Oakley Station project located in Vandercar Way (8-inch). MSD has approved sewer availability for the hotel project by letter dated March 25, 2022, a copy of which is attached
- hereto.
- Drainage from the property is provided by public Cincinnati SMU storm sewers construction as part of the Oakley Station project along both Vandercar Way and Disney Street. Stormwater detention requirements for the hotel project will be addressed via an underground stormwater detention facility to be constructed with the hotel.
- Refuse collection will be performed under contract with a private trash collection/recycling provider.

(e) *Density and Open Space.*

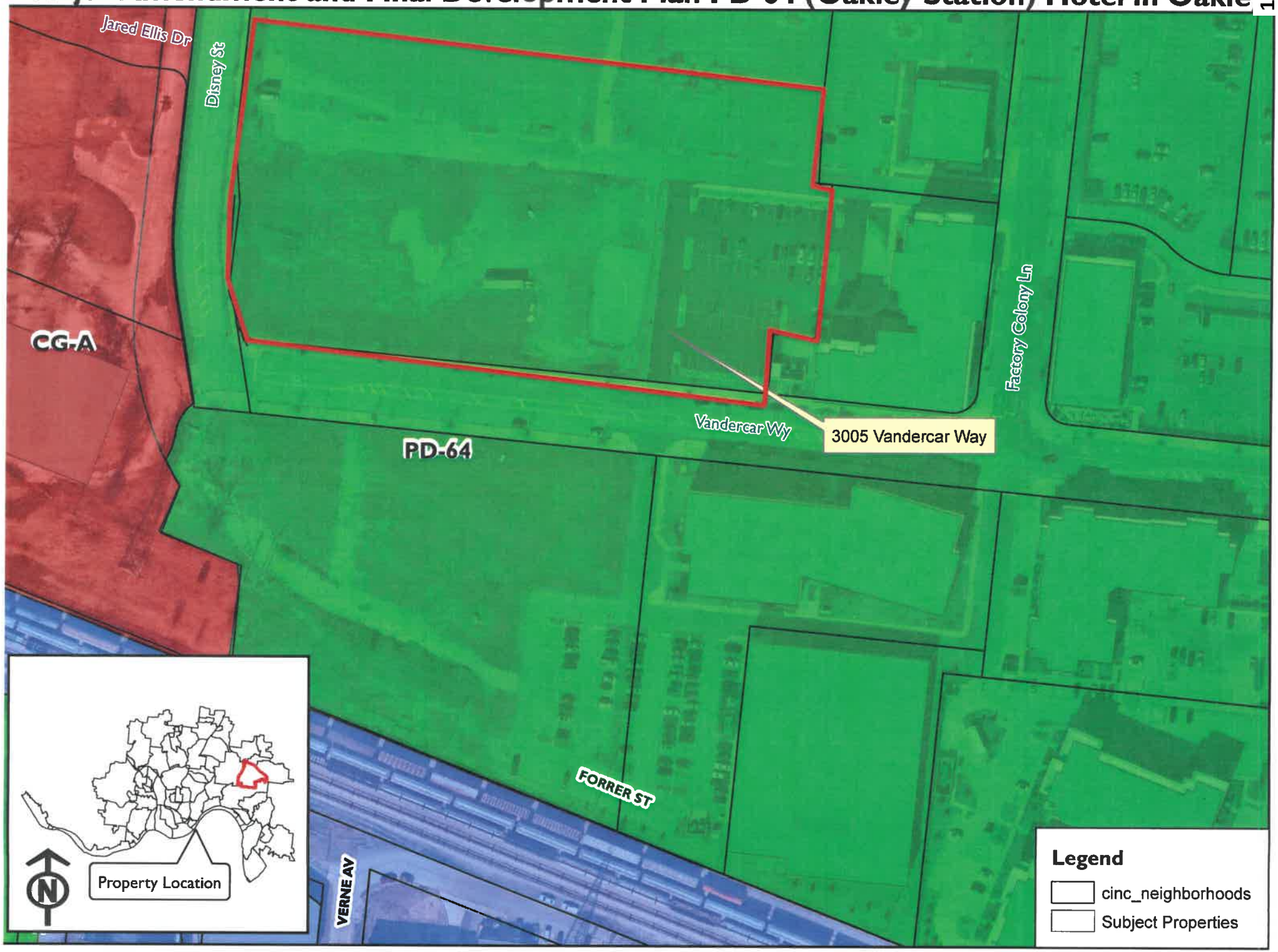
- The hotel project includes Open Space (as defined in the City Zoning Code) of 49,385 sq. ft. (76%) of which 35,025 sq. ft. (54%) consists of pavement and 14,360 sq. ft. (22%) consists of green space (landscape areas, sidewalks, and patios). The area south of the proposed hotel building containing approximately 5,300 sq. ft. along Vandercar Way is devoted to outdoor amenities for hotel guests, including patio seating/lounging areas, a fire pit, landscaping and lawn area).

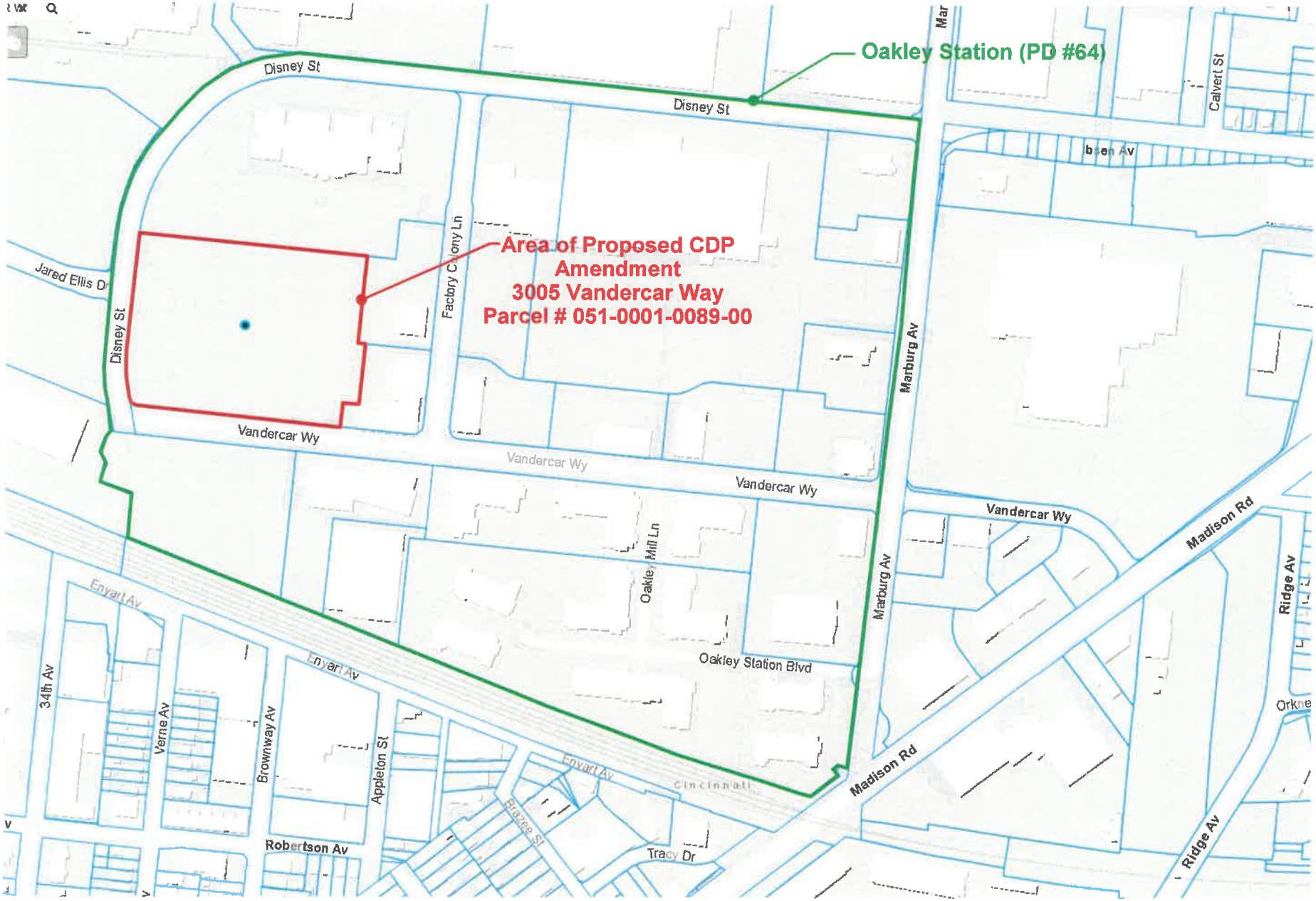
(f) *Other Information.*

- See attached a copy of a Letter of Support from the Oakley Community Council following presentation of this Concept Development Plan amendment and Hotel Final Development Plan at their meeting of May 3, 2022.

EXHIBIT A

Major Amendment and Final Development Plan PD-64 (Oakley Station) Hotel in Oakle

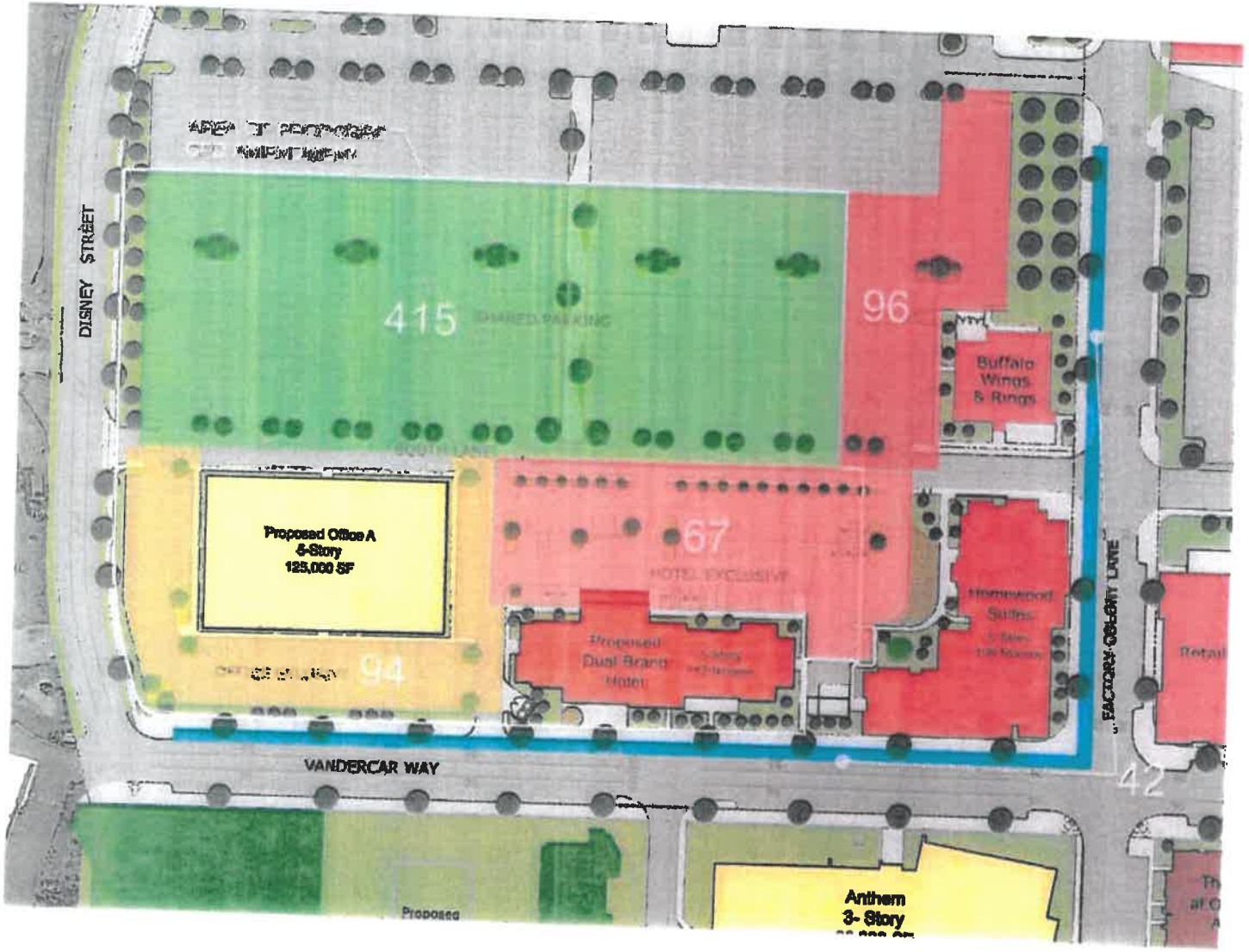




Oakley Station (PD #64) - Proposed Concept Development Plan Amendment

Attachment E

Attachment C



SHARED PARKING DEMAND SUMMARY:

USE:	SIZE:	BASE RATIO:	BASE RQMT:
Restaurant	6,000 sf	(16.0/ksf)	109
Hotel 1	108 room	(1.22/room)	186
Hotel 2	117 room	(1.22/room)	147
Office	125,000 sf	(3.36/ksf scaled)	420

TOTAL BASE SPACES: 811 SPACES

(ksf = thousand square feet)

SHARED PARKING ANALYSIS:

Peak month: June

Peak period: Weekday, 2 pm

	Pk Hr Adj:	Pk Mo Adj:	Est. Demand:
Restaurant:	0.65	0.95	69
Hotel:	0.60	1.00	102
Office:	1.00	1.00	420

SHARED PARKING PEAK DEMAND: 595 SPACES

TOTAL PARKING PROVIDED:

Hotels - shared
Restaurant - shared
Office - shared
Office - exclusive
On-street - adjacent

TOTAL PROVIDED: 714 SPACES
(two peak parking demand) (120 percent)

TOTAL PARKING SURPLUS: 49 SPACES

N

0 20 40 80
1" = 40'

Oakley Station

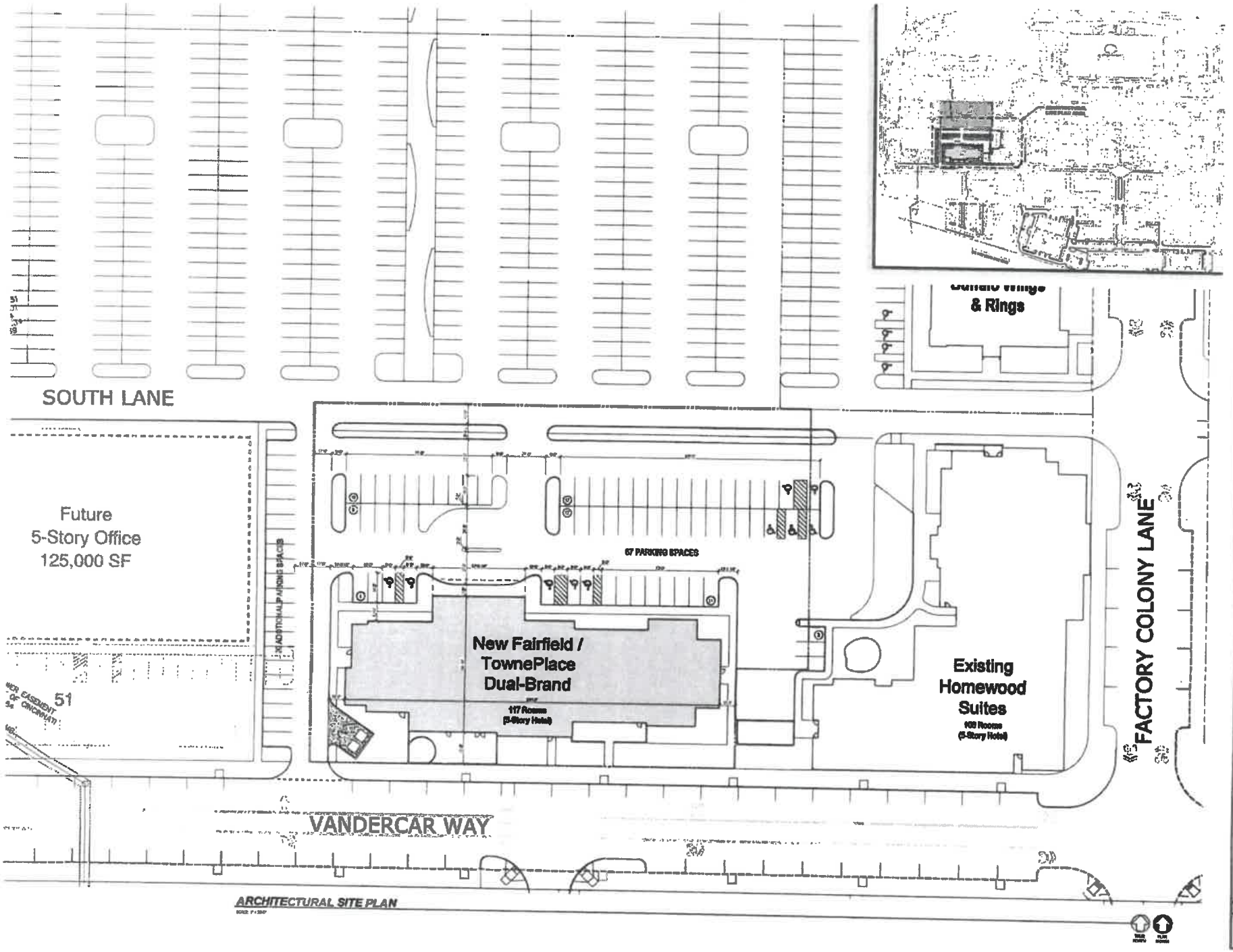
Amended Concept Development Plan

for

Second Hotel Use and
Modified Office Building A
April 2022

OWNER:
USS Realty, LLC

DEVELOPER:
VANDERCAR



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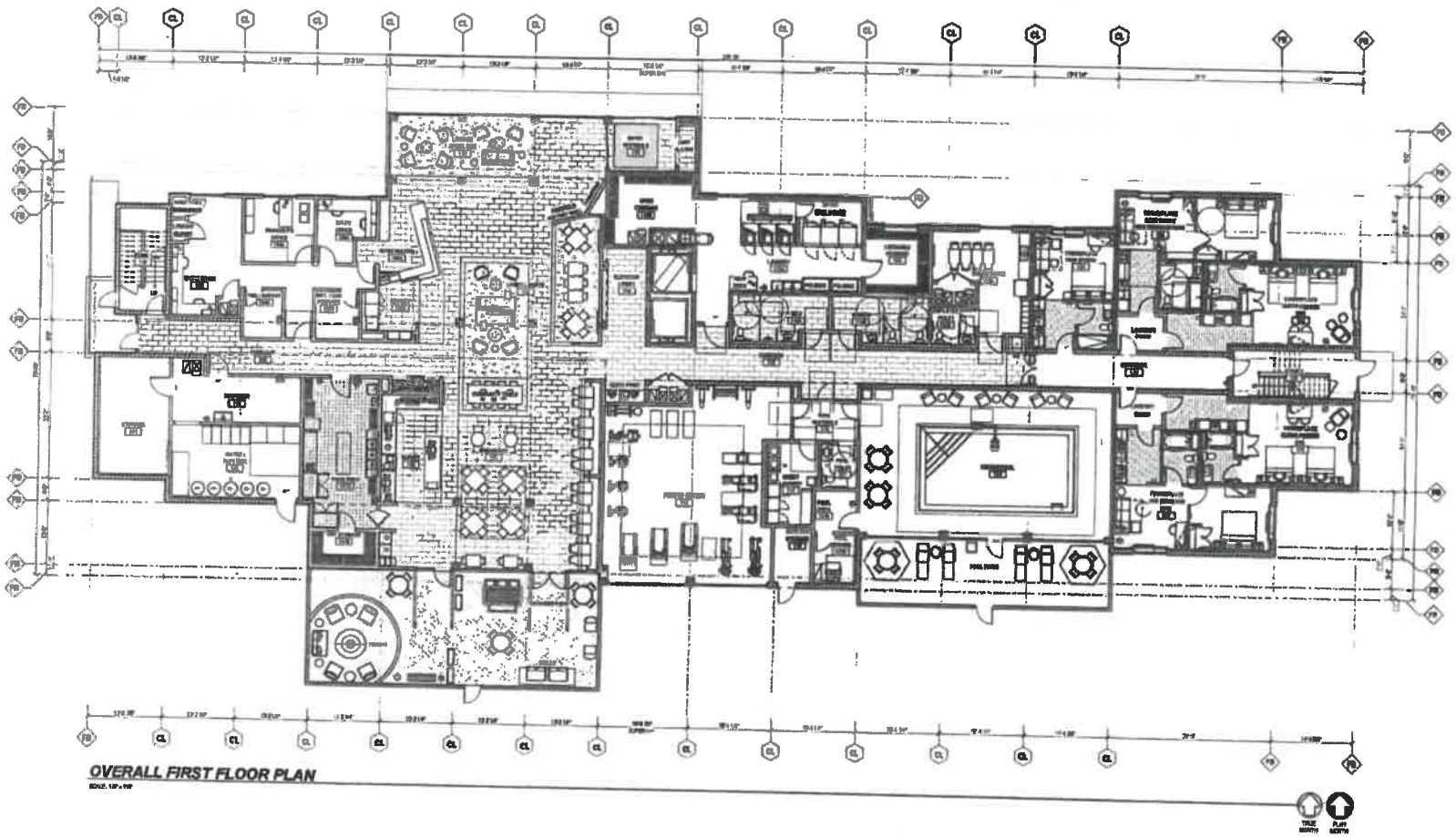
TOWNEPLACE SUITES
Fairfield
AND

ARCHITECTURAL SITE PLAN

A1.1

Attachment D

ROOM DISTRIBUTION



OVERALL FIRST FLOOR PLAN

PRELIMINARY

SMR

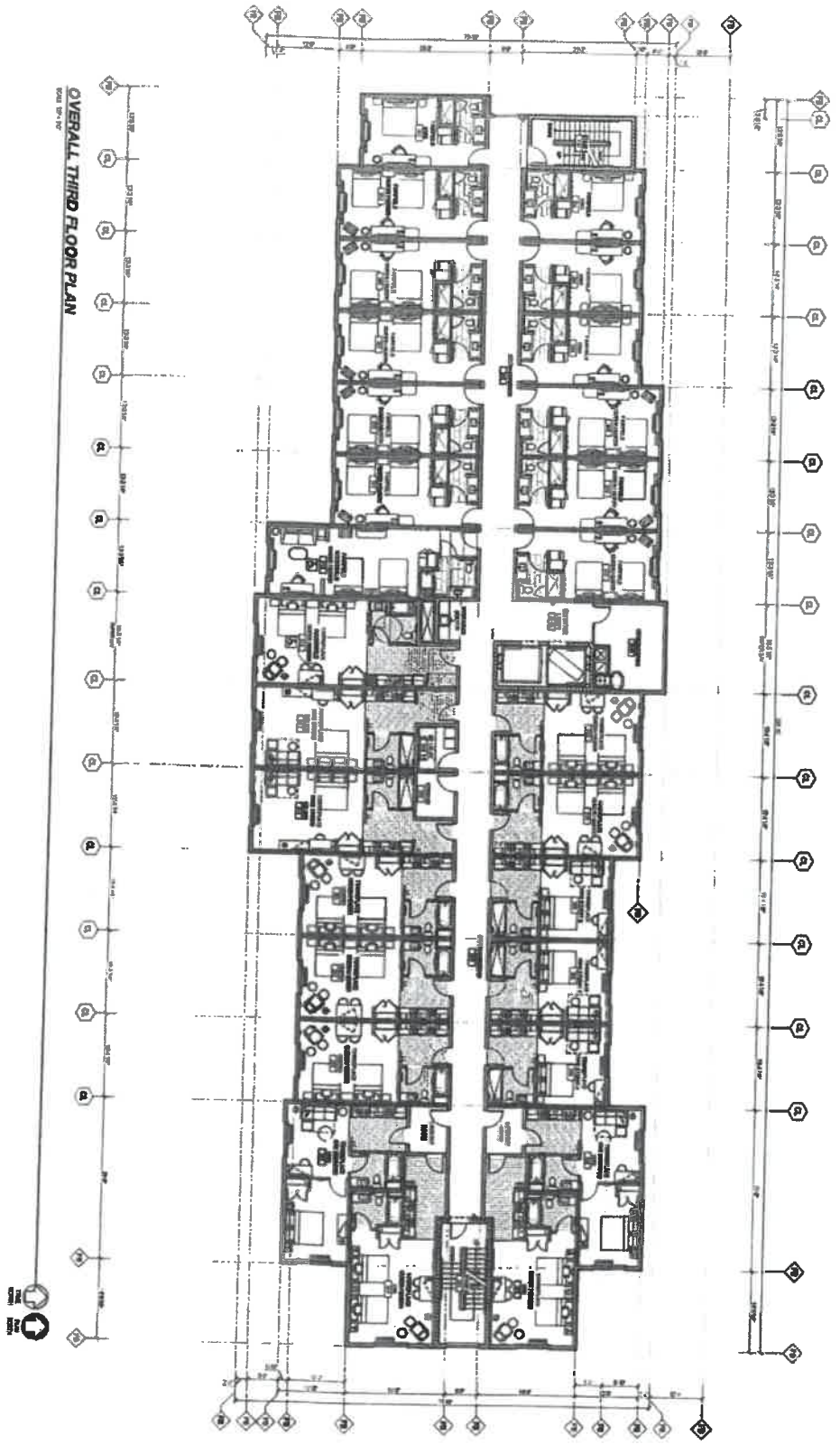
costandi

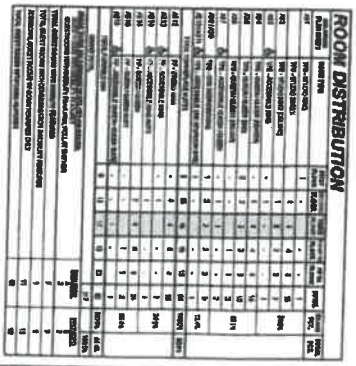
brackett

Fairfield BY MARRIOTT AND TOWNEPLACE SUITES BY MARRIOTT

OVERALL FIRST FLOOR PLAN

A2.1





A2.3

Fairfield BY MARRIOTT AND TOWNEPLACE SUITES MARRIOTT

VANDERCAR WAY CINCINNATI, OH 45209 HAMILTON COUNTY

OVERALL THIRD FLOOR PLAN

brackett

costandi

EXHIBIT B

CONCEPT DEVELOPMENT PLAN AMENDMENT

DEVELOPMENT PROGRAM STATEMENT
For Amended Concept Development Plan, Oakley Station (PD-64)

The amended Concept Development Plan (CDP) for Oakley Station is for development of second hotel in the northwest portion of the master plan located on the north side of Vandercar Way approximately 400 feet east of its intersection with Disney Street. The hotel will be five stories in height and will included not more than 120 rooms along with typical hotel amenities such as lobby/common areas, an indoor pool and fitness room.

The amended Concept Development Plan includes a modification of the office proposed in the subject area under the current CDP. The amended CDP includes a proposed office building that remains five-stories in height with a floorplate reduced from 30,000 sq. ft. to 25,000 sq. ft. – for a total square footage of 125,000 SF. The location of the office building is shifted to the west to accommodate the second hotel, towards the intersection of Vandercar Way and Disney Street. The planned office is suited to either single- or multiple-tenant use.

Parking is shared throughout this part of the development to take advantage of the complementary peak parking demands of the use mix, including office, hotel and restaurant uses. A shared parking analysis is included with the submittal materials.

CHAPTER 1429, SECTION 1429-09

(a) *Plan Elements.*
- See attached Oakley Station Amended Concept Development Plan (2 sheets – overall and amended area)
- See attached Oakley Station Plat and legal description of Area of Proposed CDP Amendment
- See attached ULI Parking Model Demand Analysis

(b) *Ownership.*
- The amendment area consists of Auditor Parcel No. 051-0001-0089 (3005 Vandercar Way) currently owned by USS Realty, LLC. The proposed hotel development portion of the property is under agreement for purchase and sale to Fair Oaks Enterprises, LTD. who will develop, build, own, and operate the proposed hotel.

(c) *Schedule.*
- The hotel project will be constructed in a single phase with construction starting the 3rd quarter of 2022 and construction completion by the end of 2023. Timing of the office portion of amended CDP has not yet been determined.

(d) *Preliminary Reviews.*
- The Oakley Station project is the redevelopment of the former Cincinnati Milling Machine/Milacron industrial site which was developed and redeveloped in multiple phases over a period of more than a century. As a result, the geotechnical conditions at the property are variable. The subject site is overlain with past uncontrolled fills that require improvement and/or enhanced foundations for structures to be constructed in the area. Past projects (Anthem Office, Homewood Suites) have utilized rammed aggregate piers to

improve the foundation soils prior to building construction. It is anticipated that a similar approach will be utilized for future projects in the area. Additionally, past industrial use of the property resulted in environmental impacts that were addressed as part of the Oakley Station redevelopment including receipt of both a Letter of No Further Action and a Covenant Not to Sue via the State of Ohio Voluntary Action Program. As a result, the subject property, like all the Oakley Station development, is subject to an Environmental Covenant which includes provisions outlining management of soils on the property. The developer of the proposed hotel also developed the adjacent Homewood Suites at Oakley Station and, so, is well aware and knowledgeable of the soil conditions on the subject property.

- Water service is available via public Greater Cincinnati Water Works water mains constructed as part of the Oakley Station project located on both Vandercar Way (12-inch) and on Disney Street (12-inch).
- Sanitary sewer service is available via public Metropolitan Sewer District of Greater Cincinnati sewer main constructed as part of the Oakley Station project located in Vandercar Way (8-inch). MSD has approved sewer availability for the hotel project by letter dated March 25, 2022, a copy of which is attached
- hereto.
- Drainage from the property is provided by public Cincinnati SMU storm sewers construction as part of the Oakley Station project along both Vandercar Way and Disney Street. Stormwater detention requirements for the hotel project will be addressed via an underground stormwater detention facility to be constructed with the hotel.
- Refuse collection will be performed under contract with a private trash collection/recycling provider.

(e) *Density and Open Space.*

- The hotel project includes Open Space (as defined in the City Zoning Code) of 49,385 sq. ft. (76%) of which 35,025 sq. ft. (54%) consists of pavement and 14,360 sq. ft. (22%) consists of green space (landscape areas, sidewalks, and patios). The area south of the proposed hotel building containing approximately 5,300 sq. ft. along Vandercar Way is devoted to outdoor amenities for hotel guests, including patio seating/lounging areas, a fire pit, landscaping and lawn area).

(f) *Other Information.*

- See attached a copy of a Letter of Support from the Oakley Community Council following presentation of this Concept Development Plan amendment and Hotel Final Development Plan at their meeting of May 3, 2022.

Honorable City Planning Commission
Cincinnati, Ohio

SUBJECT: A report and recommendation on a proposed Major Amendment to the Concept Plan and Development Program Statement for Planned Development #64 (PD-64), Oakley Station, Phase 2B, to eliminate the proposed parking garage, to reduce square footage of and move the location of the proposed office building, and add a hotel in Oakley.

GENERAL INFORMATION:

Location: 3005 Vandercar Way, west of the Homewood Suites Hotel on the north side of Vandercar Way

Owner: USS Realty, LLC
9900 Springboro Pike
Miamisburg, OH 45342

Applicant: Steve Dragon
Vandercar
5027 Madison Road, Suite 200
Cincinnati, Ohio 45227

Request: The applicant is requesting approval of a proposed Major Amendment to the Concept Plan and Development Program Statement for Planned Development #64 (PD-64), Oakley Station, to construct a Fairfield and Townplace Suites hotel by Marriott.

ATTACHMENTS:
Provided in addition to this report are:

- Attachment 1 – Most recent Major Amendment from 2015
- Attachment A – Major Amendment to Concept Plan and Development Program Statement
- Attachment B – Site Survey
- Attachment C – Site Plan
- Attachment D – Engineering Plans
- Attachment E – Open Space
- Attachment F – Market Analysis Study Letters
- Attachment G – Oakley Community Council Letter
- Attachment H – Oakley Station History
- Attachment I - Department of Community and Economic Development Economic Analysis
- Attachment J - Letter from USS Realty, LLC

BACKGROUND:
On July 15, 2022, the City Planning Commission heard the proposal for this Major Amendment to the Concept Plan and Development Program Statement for Planned Development #64 (PD-64), Oakley Station, Phase 2B, to eliminate the proposed parking garage, to reduce square footage of and move the location of the proposed office building, and add a hotel in Oakley. Commission members had several inquiries for the Department of Community and Economic Development Department regarding the following:

- What is the amount of investment made by both the City and the developer thus far for the development of Oakley Station?
- Were prior City incentives/investments granted based on the expectation of jobs/payroll associated with the proposed office developments?
- What is the economic impact of eliminating the office pad, reducing the size of the other office pad, eliminating the parking garage, and allowing a second hotel?
- Did the developer consider housing, primarily affordable housing, on the site?

Two additional attachments "H" and "I" have been added to this report. Attachment H summarizes the history of PD-64, Oakley Station, such as when and what was originally approved in May 2011, all five of the Major Amendments approved by City Council from 2012-2017, and what has been built to date. In May 2011, City Council approved a zone change to create Planned Development #64 (PD-64), Oakley Station. On October 21, 2015, City Council approved a Major Amendment was approved by City Council for a hotel and office use within PD-64 on this site, 3005 Vandercar Way. The approval specified a 150,000 square feet of office space, 3 to 5 stories tall, a 400-space parking garage, and a five-story hotel adjacent to the office use. The proposal included 665 parking spaces to be shared by the proposed office and hotel and restaurant. As of today, the hotel has been built, yet the 150,000 square foot office building and parking garage have not been built on this site, 3005 Vandercar Way. Additional history of PD-64 can be found in Attachment H.

Attachment I (Department of Community and Economic Development (DCED) Economic Analysis) summarizes the investment made by the City and the developer since 2011, the projection of job creation and actual jobs created, changes to the development and an analysis of the office market. DCED does not make a recommendation on the Major Amendment proposals but defers to the Department of City Planning and Engagement.

ADJACENT LAND USE AND ZONING:

North:	Community General Auto-oriented (CG-A), office
East:	Community General Auto-oriented (CG-A), office
West:	Planned Development #89 (PD-89), Graphite Oakley, residential
South:	Planned Development #88 (PD-88), Three Oaks, residential, Manufacturing General (MG), light industrial

DESCRIPTION OF PROJECT AND PROPOSED CHANGES TO CONCEPT PLAN:

USS Realty, LLC, owns the entirety of the 1.134-acre site and has proposed a Major Amendment to Phase 2B of PD-64 to allow for a reduced 125,000 sq. ft. office building instead of 150,000 sq. ft., siting the office building further to the west where the parking garage was originally proposed and construct a second 5-story, 117 room, hotel next to the existing Homewood Suites Hotel building, which was not in the originally approved Concept Plan and Development Program Statement. There is no proposed change in the previously approved heights of buildings and the applicant is proposing an additional 49 parking spaces.

The 2015 Major Amendment to the Concept Plan called for an office building on this particular site, not another hotel. This will be the second hotel developed in Oakley Station. According to the applicant's analysis, the market does not support as much office space at this location since the

COVID-19 pandemic. However, they have indicated there is still a market for additional hotel space (Attachment 2 and F).

§ 1429-12 AMENDMENTS TO A PLANNED DEVELOPMENT CONCEPT PLAN:

The Cincinnati Zoning Code allows for amendments to a Concept Plan. Amendments that change the uses allowed or change the density of the development by more than ten percent must be approved by the City Planning Commission and Council as a zoning map amendment.

§ 1429-12. - Amendments to a Planned Development Concept Plan.

Concept Plans may be amended as follows:

(a) Minor Amendments. The Director of City Planning may approve minor amendments provided that they do not change building heights by more than ten percent, floor area by more than five percent, decrease parking spaces by more than ten percent or allow buildings or accessory uses closer to the perimeter property lines.

(b) Major Amendments. Amendments to any Concept Plan other than a minor amendment must be approved by the City Planning Commission. Amendments that change the uses allowed or change the density of the development by more than ten percent require approval of the City Planning Commission and Council as a zoning map amendment.

A Major Amendment to the Concept Plan and the Development Program Statement has been requested for the following reasons:

1. To allow for a hotel on this site.
2. To allow a reduced sized office building from the proposed 150,000 square foot building to a 125,000 square foot building and move the proposed office building further west and closer to the perimeter lot line than the previously approved location Attachment 1, A and B.
3. To allow the elimination of the previously proposed 400-space parking garage yet compensating with a total of 714 surface parking spaces shared by the two hotels, restaurant, and future office building. 665 parking spaces were approved in the previous Concept Plan, and the current proposal is for 714 surface parking spaces, resulting in an additional 49 parking spaces (Attachment B).

§ 1429-16 CONCURRENT APPROVAL OF CONCEPT PLAN, DEVELOPMENT PROGRAM STATEMENT AND FINAL DEVELOPMENT PLAN:

The City Planning Commission may review and approve the Concept Plan, Development Program Statement and the Final Development Plan concurrently, provided that the applicant meets the submission requirements of both the Concept Plan and the Final Development Plan. The Planning Commission's approval of the Final Development Plan is contingent on the applicant obtaining City Council's approval of the Planned Development map amendment without changes.

PUBLIC COMMENT AND NOTIFICATION:

The Department of City Planning and Engagement held a public staff conference on the proposed Major Amendment to the Concept Plan and the Development Program Statement as well as the proposed Final Development Plan for the hotel on June 16, 2022. Notice of the public staff conference was mailed out 14 days in advance to property owners within 400-feet of the boundary of PD-64, as

well as the Oakley Community Council.

Aside from the applicants, only two other persons attended the staff conference and they just wanted to learn about the proposal. There were no concerns. Attached is a letter of support from the Oakley Community Council (Attachment G).

COORDINATED SITE REVIEW:

The applicants are currently participating in the City's Coordinated Site Review (CSR) process at the time of writing this staff report. The CSR process is designed to help developers identify any regulatory conditions that may affect their project. A CSR meeting with the applicant will be held on July 12, 2022. On initial department review, there does not appear to be any major issues, and any minor issues can be worked through prior to applying for building permits.

CONCEPT PLAN AND DEVELOPMENT PROGRAM STATEMENT REQUIREMENTS:

According to § 1429-09 of the Cincinnati Zoning Code, Concept Plan and Development Program Statement, a petition to rezone a property to PD must include a Concept Plan and Development Program Statement (Attachment 2). The purpose is to describe the proposed us or uses to be conducted in the PD District. The Concept Plan and Development Program Statement must include text or diagrams that specify:

a. *Plan Elements. A survey of the tract to be developed, providing a metes and bounds description of the property and the survey of property lines and total acreage. Additionally, the plan should include the location in general terms, of land areas to be developed, including: type and description of proposed land uses, buildings and structures; street rights-of-way and driveways; parcel boundaries and proposed lots, including set back lines; building heights; pedestrian circulation systems and open space or other facilities; and proposed topography, drainage, landscaping and buffer plantings.*

   A metes and bounds description, site plan including existing conditions and the proposed development showing new driveways, parcel boundaries, setback lines, building heights, pedestrian circulation, open space, drainage and landscaping are included in Attachments A-E.

b. *Ownership. Evidence that the applicant has sufficient control over the tract of land to effect the proposed plan, including a list of all ownership and beneficial interests in the tract of land and the proposed development.*

   USS Realty, LLC currently owns the property and after construction the property will be transferred to Fair Oaks Enterprise, LTD who will own and operate the hotel.

c. *Schedule. Time schedule of projected development, if the total site is to be developed in phases or if construction is to extend beyond a two-year time period.*

The applicant/developer has a schedule to complete the proposed development in one phase commencing construction in late 2022 and completing construction by the end of 2023. (Attachment G).

d. *Preliminary Reviews. A preliminary review of geo-technical, sewage, water, drainage and refuse collection.*

All the preliminary reviews noted above have been reviewed through the CSR process. On the initial department review, there does not appear to be any major issues, and any minor issues can be worked through prior to applying for building permits.

e. *Density and Open Space. Calculations of density and open space area.*

Open spaces include an outdoor patio and greenspaces. The overall site is 1.134 acres and 22 percent will be green space. More detail is shown in Attachment B and Attachment D.

f. *Other Information. Any other information requested by the Director of City Planning or the City Planning Commission.*

There was no additional information requested by the Department of City Planning and Engagement.

ANALYSIS:

The staff of the Department of City Planning and Engagement supports the proposed Major Amendment to the Concept Plan and the Development Program Statement for Phase 2B, which includes the necessary elements of Section 1429-09- Concept Plan and Development Program Statement. The office market has suffered severely since COVID, yet there is still a market for a hotel. The second hotel will add jobs, helping the economy while adding needed additional rooms to the hotel market. This proposal does not eliminate the office building in the previously approved Concept Plan, but just reduces the size and moves the location. The proposed Major Amendment will not negatively impact the existing character of the surrounding area. The implementation of this project will be a benefit for the Oakley community and the City of Cincinnati, respectively. The proposal is consistent with *Plan Cincinnati* (2012) and the *Oakley Master Plan* (2019) and is supported by the Oakley Community Council.

CONSISTENCY WITH PLANS:

Plan Cincinnati (2012)

The proposed Major Amendment to the Concept Plan is consistent with the Compete Initiative Area, particularly within the Goal to "Cultivate our position as the most vibrant and economically healthiest part of our region" (page 114). The proposed second hotel adds a variety of accommodations to Oakley Station and the Oakley community offering visitors an exposure to other parts of the city.

Oakley Master Plan (2019)

The proposed Major Amendment to the Concept Plan is consistent with the *Oakley Master Plan* (2019), particularly with the Managing our Future Growth Focus Area and Goal 1 to "Assure that

future growth is guided by zoning and planning that will preserve Oakley as a thriving, unique, and pedestrian-scaled urban neighborhood" (page 80). This hotel will attract visitors to the Oakley community, showcasing their pedestrian-scaled urban neighborhood.

FINDINGS:

It is the opinion of the staff of the Department of City Planning and Engagement that the proposed Major Amendment to the Concept Plan and Development Program Statement for Phase 2B of PD-64 is in compliance with the requirements of §1429-12 - Amendments to a Planned Development Concept Plan of the Cincinnati Zoning Code. The proposal is consistent with the purpose of the Planned Development District Regulations. The applicant has successfully met all basic requirements of the Planned Development District. The Major Amendment will not negatively impact the existing character of the surrounding area.

CONCLUSIONS:

The staff of the Department of City Planning and Engagement supports the proposed Major Amendment to the Concept Plan and Development Program Statement for the proposed additional hotel in PD-64 for the following reasons:

1. The proposal of a hotel in Oakley Station will not negatively impact the existing character of the surrounding area;

2. The proposal will provide needed hotel space in the City;

3. The proposal is supported by the Oakley Community Council; and

4. The proposal is consistent with *Plan Cincinnati* (2012) and the *Oakley Master Plan* (2019).

RECOMMENDATION:

The staff of the Department of City Planning and Engagement recommends that the City Planning Commission take the following actions:

1. **APPROVE** a Major Amendment to the Concept Plan and Development Program Statement for Planned Development #64, Oakley Station, Phase 2B, to eliminate the proposed parking garage, to reduce square footage of and move the location of the office building, and add a hotel in Oakley.

2. **ADOPT** the Department of City Planning and Engagement findings as detailed on page 5 of this report.

Respectfully submitted:

Caroline Hardy Kellam

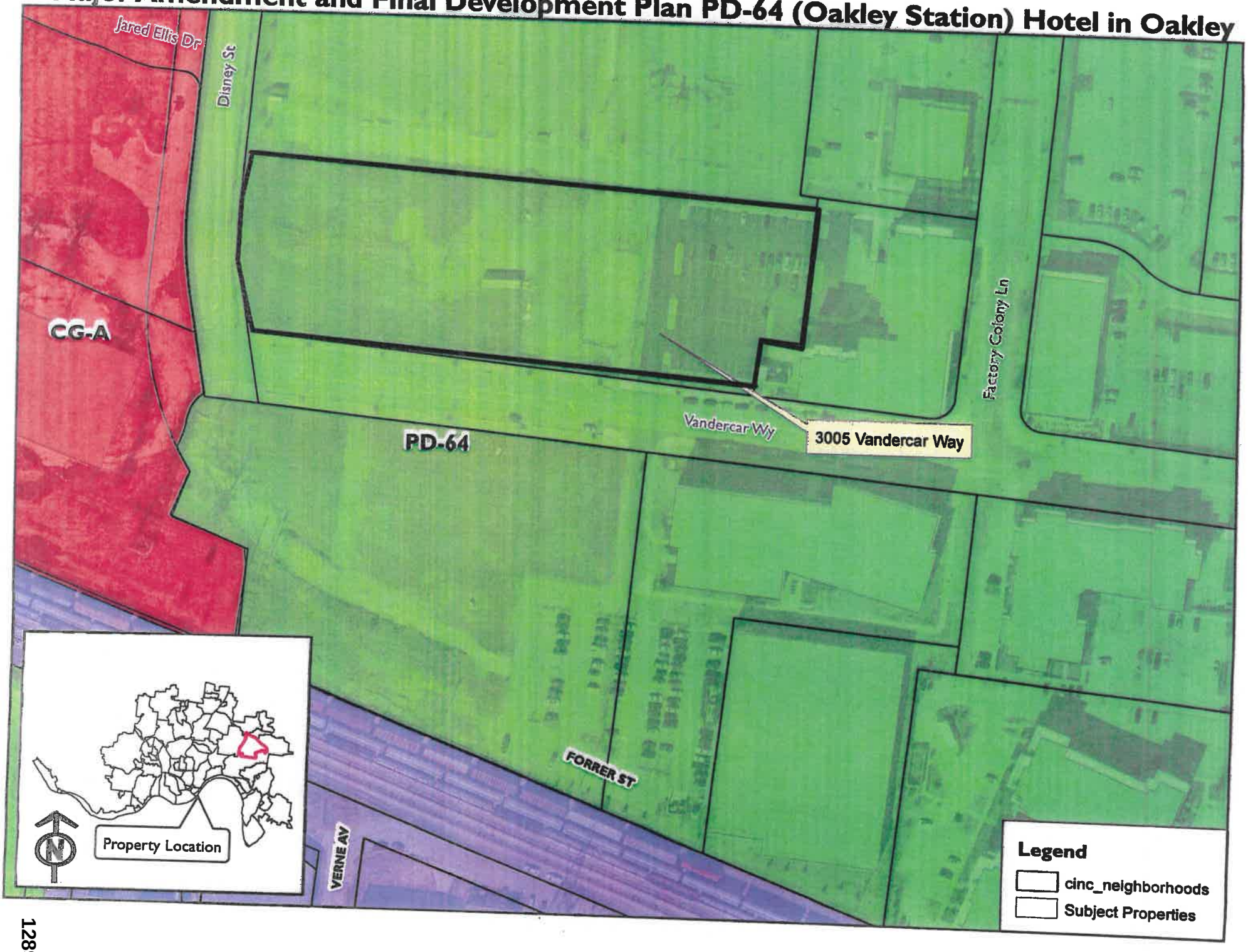
Caroline Hardy Kellam, Senior City Planner
Department of City Planning and Engagement

Approved:

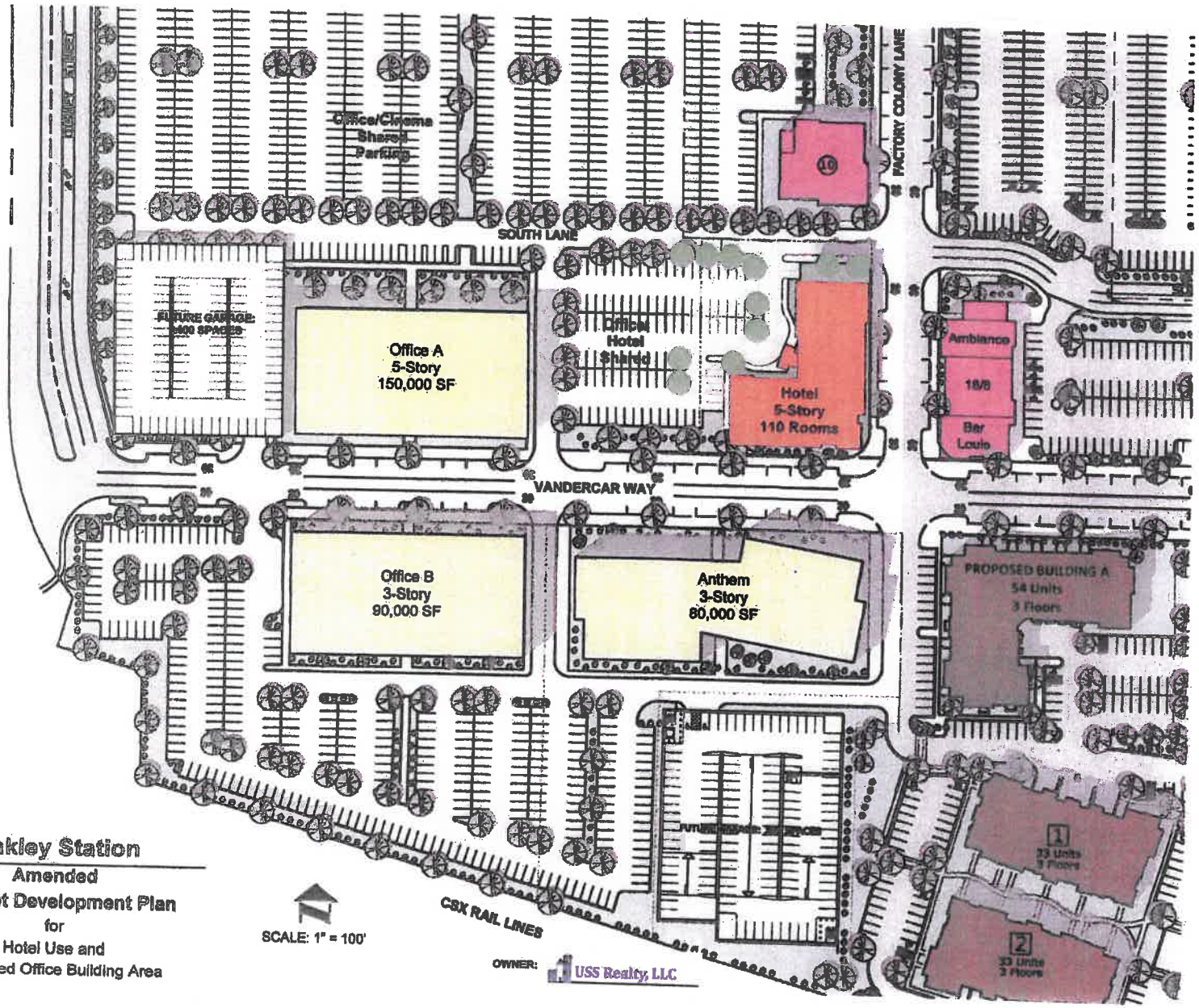
Katherine Keough-Jurs

Katherine Keough-Jurs, FAICP, Director
Department of City Planning and Engagement

Major Amendment and Final Development Plan PD-64 (Oakley Station) Hotel in Oakley



Attachment 1



PROPOSED HOTEL:

5 STORIES (65 FT. MAX. HEIGHT)
110 ROOMS

PARKING SUMMARY:

ON-SITE:	25 SPACES
HOTEL/OFFICE SHARED:	84 SPACES
ON-STREET:	11 SPACES
	120 SPACES

PROPOSED OFFICE AREA:

BUILDING A:	150,000 SF
BUILDING B:	90,000 SF
ANTHEM:	80,000 SF
TOTAL OFFICE AREA	320,000 SF

Oakley Station
Amended
Concept Development Plan
for
Hotel Use and
Increased Office Building Area

SCALE: 1" = 100'

OWNER: USS Realty, LLC

DEVELOPER: VANDERCAR

1290

Concept Development Plan

Supporting Materials

CONCEPT DEVELOPMENT PLAN AMENDMENT

DEVELOPMENT PROGRAM STATEMENT
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CHAPTER 1429, SECTION 1429-09

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(f) *Other Information.*

- See attached a copy of a Letter of Support from the Oakley Community Council following presentation of this Concept Development Plan amendment and Hotel Final Development Plan at their meeting of May 3, 2022.

Attachment B

OAKLEY STATION
PLAT BOOK 439, PAGE 94
LOT 3 CUT UP

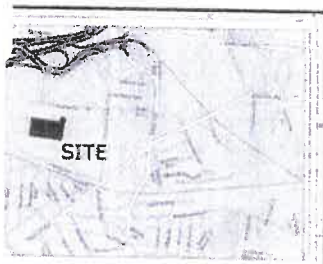
AUDITOR'S PARCEL NO. 051-0001-0072
SECTION 28, TOWN 4, FRACTIONAL RANGE 2,
CITY OF CINCINNATI, HAMILTON COUNTY, OHIO

OWNERS AND DEVELOPERS

USS REALTY, LLC
9511 Springboro Pike
Miamisburg, OH 45342

DEED REFERENCE

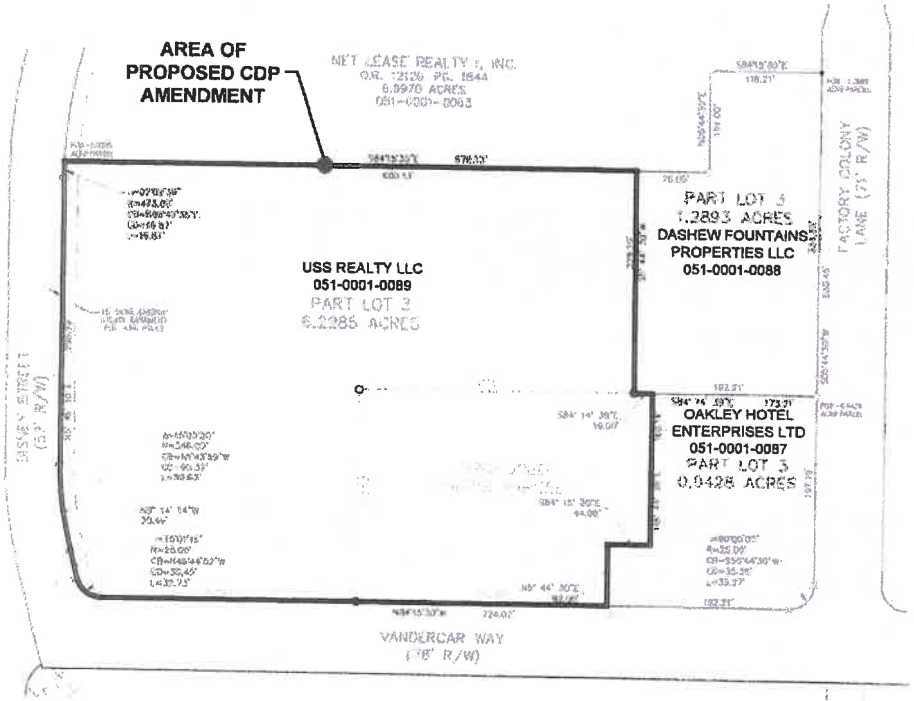
PROPERTY OWNED OR ACQUIRED BY USS REALTY LLC, BEING ALL OF THE LAND CONVEYED BY A DEED RECORDED IN OFFICIAL RECORD BOOK 11972, PAGE 1021 OF THE RECORDER'S OFFICE OF HAMILTON COUNTY, OHIO



VICINITY MAP

CITY OF CINCINNATI

APPROVED BY: _____ DATE



CLOSURE WEST
PART LOT 3 ~ 6.2285 ACRES

CLOSURE SOUTHEAST
PART LOT 3 ~ 0.9428 ACRES

CLOSURE NORTHEAST
PART LOT 3 ~ 1.2893 ACRES

ACREAGE TABLE

SURVEYOR'S CERTIFICATION

GRAPHIC SCALE

IBI

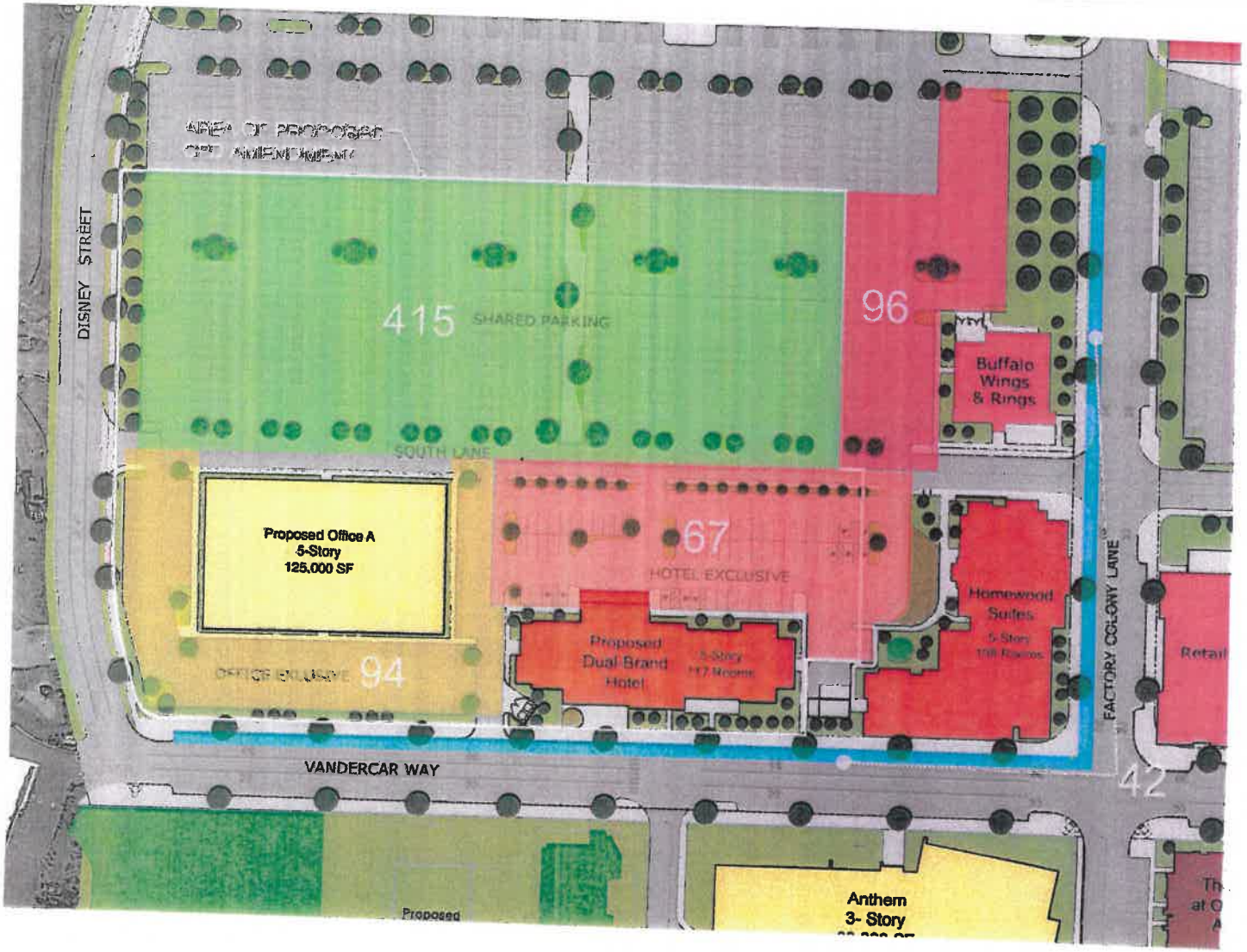
OAKLEY STATION
PLAT BOOK 439, PAGE 94
LOT 3 CUT UP

SECTION 28, TOWN 4 FRACTIONAL RANGE 2,
MIAMI PURCHASE, CITY OF CINCINNATI,
COUNTY OF HAMILTON, OHIO

SHEET No. 1/1

Attachment E

Attachment C



SHARED PARKING DEMAND SUMMARY:

USE:	SIZE:	BASE RATIO:	BASE RQMT:
Restaurant	6,000 sf	(16.0/ksf)	109
Hotel 1	108 room	(1.25/room)	135
Hotel 2	117 room	(1.25/room)	147
Office	125,000 sf	(3.36/ksf scaled)	420

TOTAL BASE SPACES: 811 SPACES

ksf = thousand square feet

SHARED PARKING ANALYSIS:

Peak month: June
Peak period: Weekday, 2 pm

	Pk Hr Adj:	Pk Mo Adj:	Est. Demand:
Restaurant:	0.65	0.95	53
Hotel:	0.60	1.00	192
Office:	1.00	1.00	420

SHARED PARKING PEAK DEMAND: 665 SPACES

TOTAL PARKING PROVIDED:

Hotels - shared
Restaurant - shared
Office - shared
Office - exclusive
On-street - adjacent

94

TOTAL PROVIDED: 714 SPACES
(less peak parking demand) (665 spaces)

TOTAL PARKING SURPLUS: 49 SPACES

0 20 40 80
1" = 40'

N

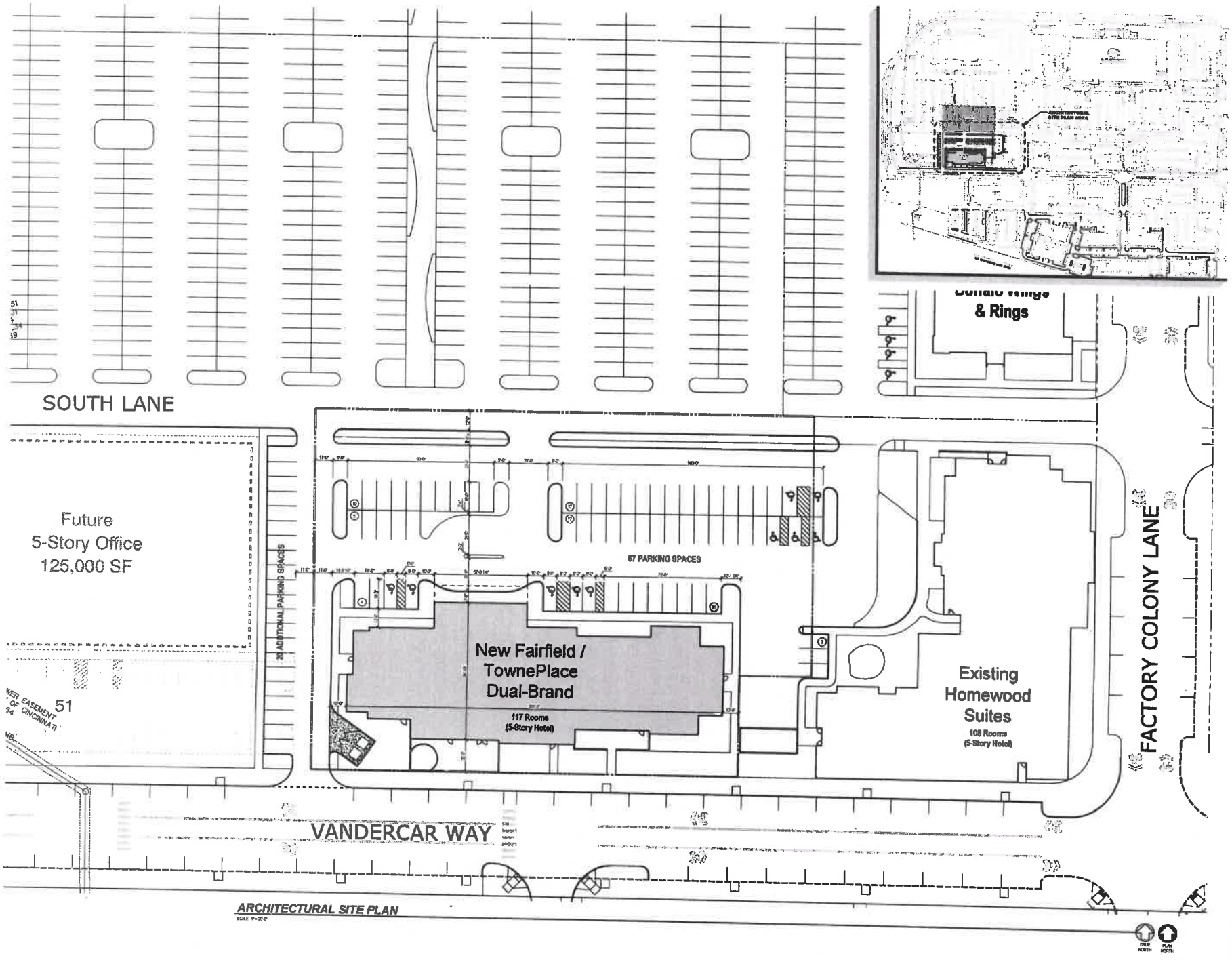
Oakley Station

Amended Concept Development Plan

for
Second Hotel Use and
Modified Office Building A
April 2022

OWNER: USS Realty, LLC

DEVELOPER: VANDERCAR

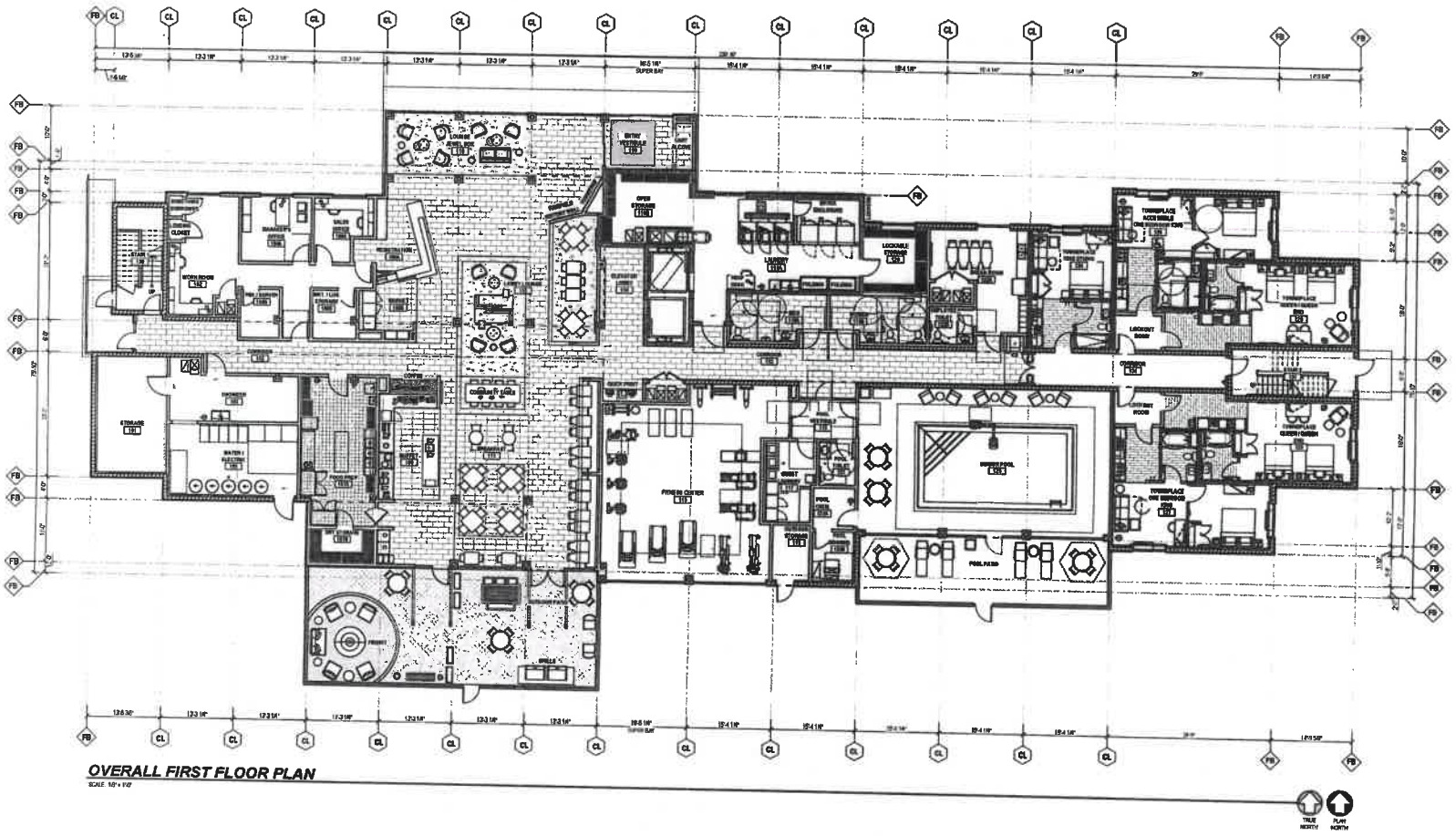

SOUTH LANE
Future
5-Story Office
125,000 SF
20 ADDITIONAL PARKING SPACES
67 PARKING SPACES
New Fairfield /
TownePlace
Dual-Brand
117 Rooms
(5-Story Hotel)
Existing
Homewood
Suites
108 Rooms
(5-Story Hotel)
FACTORY COLONY LANE
VANDERCAR WAY
& Rings
ARCHITECTURAL SITE PLAN
PRELIMINARY
NOT FOR CONSTRUCTION
costandi
brackett
Fairfield
BY MARRIOTT
AND
TOWNEPLACE SUITES
MARRIOTT
VANDERCAR WAY
CINCINNATI, OH 45209
HAMILTON COUNTY
ARCHITECTURAL SITE PLAN
SMR Project No.
A1.1

Attachment D

ROOM DISTRIBUTION

BRANDED PLAN SHEET	ROOM TYPE	FIRST FLOOR	SECOND FLOOR	THIRD FLOOR	FOURTH FLOOR	TOTAL	BRAND PCT.	TOTAL PCT.
A01	TP3 - STUDIO KING	1	-	-	-	1		
	TP3 - STUDIO KING b		4	4	4	16		
A02	TP3 - STUDIO KING (DELUXE)		1	2	2	7	39.5%	
A03	TP3 - ACCESSIBLE KING		1	-	-	1		
A04	TP3 - QUEEN / QUEEN (DENTIST)		4	4	4	16		
A05	TP3 - QUEEN / QUEEN (ENC)	2	2	2	2	10	46.1%	
A06	TP3 - QUEEN / QUEEN (DELUXE)	-	-	1	1	2		
A07	TP3 - ACCESSIBLE QUEEN / QUEEN	-	1	-	-	1		
A08 / A09	TP3 - ONE BEDROOM KING	1	2	2	2	9	13.4%	
A10 / A011	TP3 - ACCESSIBLE ONE BEDROOM KING	1	-	-	-	1		
	TOTAL TOWNEPLACE SUITES	5	15	15	15	65	100.0%	55.6%
A012	FF - STUDIO KING	-	4	4	4	16		
A013	FF - ACCESSIBLE KING	-	1	-	-	1	34.6%	
A014	FF - ACCESSIBLE 2 KING SUITE	-	1	-	-	1		
A014	FF - QUEEN / QUEEN	-	7	8	8	28		
A015	FF - QUEEN / QUEEN SUITE	-	-	1	1	2	65.4%	
A015	FF - ACCESSIBLE QUEEN / QUEEN SUITE	-	1	-	-	1		
	TOTAL FAIRFIELD INN	0	13	13	13	52	100.0%	44.4%
	GRAND TOTAL					117		100.0%

	REQUIRED	PROVIDED
ADA 60 SINGLE DOUBLE ROOMS REQUIRED (1-100 ROOMS)	3	3
GUESTROOMS WITH MOBILITY FEATURES	2	2
GUESTROOMS WITH MOBILITY FEATURES, ROLL-IN SHOWER		
TOTAL GUEST ROOMS WITH MOBILITY FEATURES	7	7
TOTAL GUEST ROOMS WITH COMMUNICATION & MOBILITY FEATURES	1	1
ADDITIONAL GUEST ROOMS W/ COMM FEATURES ONLY	11	11
TOTAL GUEST ROOMS WITH COMM FEATURES	12	12



OVERALL FIRST FLOOR PLAN

SCALE: 1/8" = 1'-0"

PRELIMINARY NOT FOR CONSTRUCTION

costandi

brackett

TOWNEPLACE SUITES AND FAIRFIELD BY MARRIOTT

VANDERCAR WAY CINCINNATI, OH 45209 HAMILTON COUNTY

OVERALL FIRST FLOOR PLAN

MARRIOTT PRELIM REVIEW

BMR Project No. FFTP08

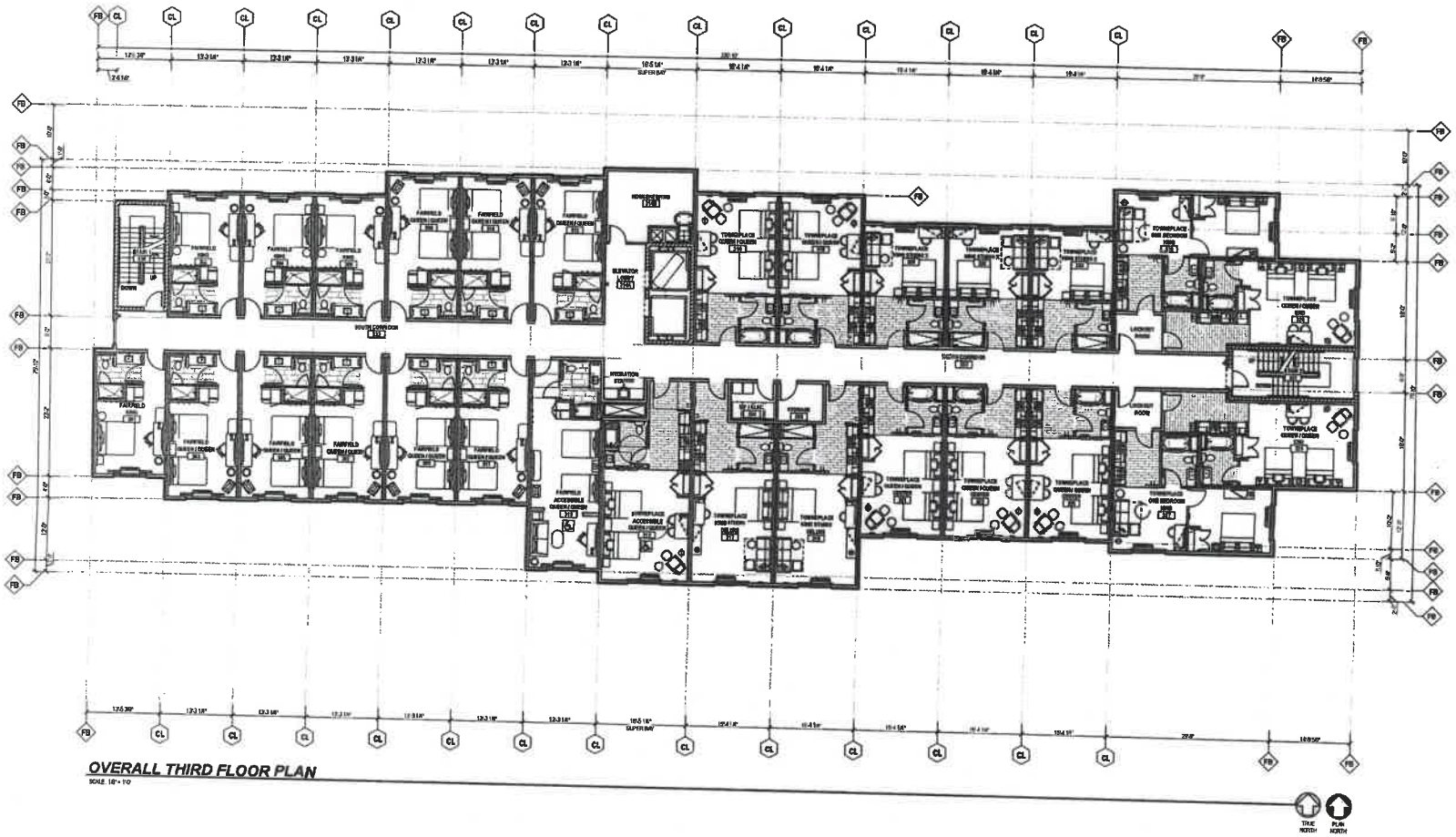
A2.1

1297

ROOM DISTRIBUTION

ENLARGED PLAN SHEET	ROOM TYPE	FIRST FLOOR	SECOND FLOOR	THIRD FLOOR	FOURTH FLOOR	FIFTH FLOOR	TOTAL	GRAND PCT.	TOTAL PCT.
A31	TPS - STUDIO KING	1			-	-	1		
	TPS - STUDIO KING X	-	4	4	4	4	16		
A32	TPS - STUDIO KING (DELUXE)		1	2	2	2	7	28.2%	
A33	TPS - ACCESSIBLE KING	-	1			-	1		
A34	TPS - QUEEN / QUEEN (CENTER)	-	4	4	4	4	16		
A35	TPS - QUEEN / QUEEN (END)	2	2	2	2	2	10		
A36	TPS - QUEEN / QUEEN (DELUXE)	-	-		1	1	2	45.1%	
A37	TPS - ACCESSIBLE QUEEN / QUEEN	-	1	1	-		2		
A38 / A39	TPS - ONE BEDROOM KING	1	2	2	2	2	9		
A310 / A311	TPS - ACCESSIBLE ONE BEDROOM KING	1	-			-	1	65.4%	
TOTAL TOWNEPLACE SUITES		5	15	15	15	15	65	100.0%	65.6%
A312	FF - STUDIO KING	-	4	4	4	4	16		
A313	FF - ACCESSIBLE KING	-	1		-	-	1	34.6%	
A314	FF - ACCESSIBLE KING SUITE	-	1		-	-	1		
A314	FF - QUEEN / QUEEN	-	7	8	8	8	31		
A316	FF - QUEEN / QUEEN SUITE	-	-		1	1	2	65.4%	
A315	FF - ACCESSIBLE QUEEN / QUEEN SUITE	-		1			1		
TOTAL FAIRFIELD INN		0	13	13	13	13	52	100.0%	44.4%
GRAND TOTAL							117		100.0%

	REQUIRED	PROVIDED
GRAND TOTAL ROOM DISTRIBUTION (ON 2ND ROOM)		
GUESTROOMS WITH MOBILITY FEATURES	5	5
GUESTROOMS WITH MOBILITY FEATURES, ROLL-IN SHOWER	2	2
TOTAL GUEST ROOMS WITH MOBILITY FEATURES	7	7
TOTAL GUEST ROOMS WITH COMMUNICATION & MOBILITY FEATURES	1	1
ADDITIONAL GUEST ROOMS W/ COMM FEATURES ONLY	11	11
TOTAL GUEST ROOMS WITH COMM FEATURES	12	12



OVERALL THIRD FLOOR PLAN

SCALE: 1/8" = 1'-0"

PRELIMINARY NOT FOR CONSTRUCTION

SMR

costandi

brackett

TOWNEPLACE SUITES

Fairfield BY MARRIOTT

VANDERCAR WAY CINCINNATI, OH 45209 HAMILTON COUNTY

OVERALL THIRD FLOOR PLAN

SMR Project No. FFTPOS

A2.3

ULI PARKING MODEL DEMAND ANALYSIS

Oakley Station at the Center of Cincinnati
NW Tract - CPD Amendment

4/11/2022

ksf = thousand square feet

Projected Parking Supply:	600	sp			Mode Adjustment				Noncaptive Ratio			
			Max Parking Spaces		Weekday		Weekend		Weekday		Weekend	
Land Use	Quantity		Weekday	Weekend	Daytime	Evening	Daytime	Evening	Daytime	Evening	Daytime	Evening
Neighborhood Retail (Community Shopping Center) (<400 ksf)		sf GLA	0	0	90%	90%	90%	90%	90%	100%	90%	100%
Employee			0	0	100%	100%	100%	100%	100%	100%	100%	100%
Fine/Casual Dining Restaurant	6,000	sf GLA	92	102	90%	90%	90%	90%	75%	100%	90%	100%
Employee			17	18	100%	100%	100%	100%	100%	100%	100%	100%
Family Restaurant		sf GLA	0	0	90%	90%	90%	90%	75%	100%	90%	100%
Employee			0	0	100%	100%	100%	100%	100%	100%	100%	100%
Fast Food Restaurant		sf GLA	0	0	100%	100%	100%	100%	100%	100%	100%	100%
Employee			0	0	100%	100%	100%	100%	100%	100%	100%	100%
Nightclub		sf GLA	0	0	100%	100%	100%	100%	100%	100%	100%	100%
Employee			0	0	100%	100%	100%	100%	100%	100%	100%	100%
Health Club		sf GLA	0	0	90%	90%	90%	90%	75%	100%	90%	100%
Employee			0	0	100%	100%	100%	100%	100%	100%	100%	100%
Convention Center		sf GLA	0	0	100%	100%	100%	100%	100%	100%	100%	100%
Employee			0	0	100%	100%	100%	100%	100%	100%	100%	100%
Hotel-Business	225	rooms	225	203	100%	100%	100%	100%	100%	100%	100%	100%
Hotel-Leisure		rooms	0	0	100%	100%	100%	100%	100%	100%	100%	100%
Restaurant/Lounge	0	sf GLA	0	0	100%	100%	100%	100%	100%	100%	100%	100%
Conference Ctr/Banquet (20 to 50 sq ft/guest room)		sf GLA	0	0	100%	100%	100%	100%	100%	100%	100%	100%
Convention Space (>50 sq ft/guest room)		sf GLA	0	0	100%	100%	100%	100%	100%	100%	100%	100%
Employee			57	41	100%	100%	100%	100%	100%	100%	100%	100%
Residential, Rental, Shared Spaces		units	0	0	100%	100%	100%	100%	75%	75%	75%	75%
Reserved	1	sp/unit	0	0	100%	100%	100%	100%	100%	100%	100%	100%
Guest		units	0	0	100%	100%	100%	100%	75%	75%	75%	75%
Residential, Owned, Shared Spaces		units	0	0	100%	100%	100%	100%	100%	100%	100%	100%
Reserved	1	sp/unit	0	0	100%	100%	100%	100%	100%	100%	100%	100%
Guest		units	0	0	100%	100%	100%	100%	100%	100%	100%	100%
Office <25 ksf		sf GLA	0	0	100%	100%	100%	100%	100%	100%	100%	100%
Employee			0	0	100%	100%	100%	100%	100%	100%	100%	100%
Office 25 to 100 ksf		sf GLA	0	0	100%	100%	100%	100%	100%	100%	100%	100%
Employee	10		0	0	100%	100%	100%	100%	100%	100%	100%	100%
Office 100 to 500 ksf	125,000	sf GLA	31	4	100%	100%	100%	100%	100%	100%	100%	100%
Employee			389	40	100%	100%	100%	100%	100%	100%	100%	100%
Office >500 ksf		sf GLA	0	0	100%	100%	100%	100%	100%	100%	100%	100%
Employee			0	0	100%	100%	100%	100%	100%	100%	100%	100%
Data Processing Office		sf GLA	0	0	100%	100%	100%	100%	100%	100%	100%	100%
Employee			0	0	100%	100%	100%	100%	100%	100%	100%	100%
Medical/Dental Office		sf GLA	0	0	100%	100%	100%	100%	100%	100%	100%	100%
Employee			0	0	100%	100%	100%	100%	100%	100%	100%	100%
Subtotal Customer/Guest Spaces			348	309								
Subtotal Employee/Resident Spaces			463	99								
Subtotal Reserved Spaces			0	0								
Total Parking Spaces			811	408								

Recommended Parking Ratios Spaces required per unit land use					
Land Use	Weekday		Weekend		Unit
	Visitor	Employee	Visitor	Employee	
Neighborhood Retail (Community Shopping Center) (<400 ksf)	2.90	0.70	3.20	0.80	/ksf GLA
Regional Shopping Center (400 to 600 ksf)	Linear 2.9<x<3.2				/ksf GLA
Super Regional Shopping Center (>600 ksf)	3.20	0.80	3.60	0.90	/ksf GLA
Fine/Casual Dining Restaurant	15.25	2.75	17.00	3.00	/ksf GLA
Family Restaurant	9.00	1.50	12.75	2.25	/ksf GLA
Fast Food Restaurant	12.75	2.25	12.00	2.00	/ksf GLA
Nightclub	15.25	1.25	17.50	1.50	/ksf GLA
Cineplex	0.19	0.01	0.26	0.01	/seat
Performing Arts Theater	0.30	0.07	0.33	0.07	/seat
Arena	0.27	0.03	0.30	0.03	/seat
Pro Football Stadium	0.30	0.01	0.30	0.01	/seat
Pro Baseball Stadium	0.31	0.01	0.34	0.01	/seat
Health Club	6.60	0.40	5.50	0.25	/ksf GLA
Convention Center	5.50	0.50	5.50	0.50	/ksf GLA
Hotel-Business	1.00	0.25	0.90	0.18	/room
Hotel-Leisure	0.90	0.25	1.00	0.18	/room
Restaurant/Lounge	10.00		10.00		/ksf GLA
Conference Ctr/Banquet (20 to 50 sq ft/guest room)	30.00		30.00		/ksf GLA
Convention Space (>50 sq ft/guest room)	20.00		10.00		/ksf GLA
Residential, Rental, Shared Spaces *	0.15	1.33	0.15	1.33	/unit
Residential, Owned, Shared Spaces *	0.15	1.7	0.15	1.7	/unit
Office <25 ksf	0.30	3.5	0.03	0.35	/unit
Office 25 to 100 ksf	Linear 0.3<x<0.25				/ksf GLA
Office 100 to 500 ksf	Linear 0.25<x<0.2				/ksf GLA
Office >500 ksf	0.20	2.60	0.02	0.26	/ksf GLA
Data Processing Office	0.25	5.75	0.03	0.58	/ksf GLA
Medical/Dental Office	3.00	1.50	3.00	1.50	/ksf GLA
Bank (Branch) with Drive-In	3.00	1.60	3.00	1.60	/ksf GLA

Maximum Parking								
		Weekdays			Weekend			
	Quantity	Base Ratio	Unit	Max Spaces	Base Ratio	Unit	Max Spaces
Neighborhood Retail (Community Shopping Cente	0	2.90	/ksf GLA	0	3.20	/ksf GLA	0
Employee		0.70	/ksf GLA	0	0.80	/ksf GLA	0
Regional Shopping Center (400 to 600 ksf)	0	0.00	/ksf GLA	0	0.00	/ksf GLA	0
Employee		0.00	/ksf GLA	0	0.00	/ksf GLA	0
Super Regional Shopping Center (>600 ksf)	0	3.20	/ksf GLA	0	3.60	/ksf GLA	0
Employee		0.80	/ksf GLA	0	0.90	/ksf GLA	0
Fine/Casual Dining Restaurant	6,000	15.25	/ksf GLA	92	17.00	/ksf GLA	102
Employee		2.75	/ksf GLA	17	3.00	/ksf GLA	18
Family Restaurant	0	9.00	/ksf GLA	0	12.75	/ksf GLA	0
Employee		1.50	/ksf GLA	0	2.25	/ksf GLA	0
Fast Food Restaurant	0	12.75	/ksf GLA	0	12.00	/ksf GLA	0
Employee		2.25	/ksf GLA	0	2.00	/ksf GLA	0
Nightclub	0	15.25	/ksf GLA	0	17.50	/ksf GLA	0
Employee		1.25	/ksf GLA	0	1.50	/ksf GLA	0
Cineplex	0	0.19	/seat	0	0.26	/seat	0
Employee		0.01	/seat	0	0.01	/seat	0
Performing Arts Theater	0	0.30	/seat	0	0.33	/seat	0
Employee		0.07	/seat	0	0.07	/seat	0
Arena	0	0.27	/seat	0	0.30	/seat	0
Employee		0.03	/seat	0	0.03	/seat	0
Pro Football Stadium	0	0.30	/seat	0	0.30	/seat	0
Employee		0.01	/seat	0	0.01	/seat	0
Pro Baseball Stadium	0	0.31	/seat	0	0.34	/seat	0
Employee		0.01	/seat	0	0.01	/seat	0
Health Club	0	6.60	/ksf GLA	0	5.50	/ksf GLA	0
Employee		0.40	/ksf GLA	0	0.25	/ksf GLA	0
Convention Center	0	5.50	/ksf GLA	0	5.50	/ksf GLA	0
Employee		0.50	/ksf GLA	0	0.50	/ksf GLA	0
Hotel-Business	225	1.00	/rooms	225	0.90	/rooms	203
Hotel-Leisure	0	0.90	/rooms	0	1.00	/rooms	0
Restaurant/Lounge	0	10.00	/ksf GLA	0	10.00	/ksf GLA	0
Conference Ctr/Banquet (20 to 50 sq ft/guest roo	0	30.00	/ksf GLA	0	30.00	/ksf GLA	0
Convention Space (>50 sq ft/guest room)	0	20.00	/ksf GLA	0	10.00	/ksf GLA	0
Employee	225	0.25	/rooms	57	0.18	/rooms	41
Residential, Rental, Shared Spaces	0	0.33	/unit	0	0.33	/unit	0
Reserved	0	1.0	/unit	0	1.0	/unit	0
Guest	0	0.15	/unit	0	0.15	/unit	0
Residential, Owned, Shared Spaces	0	0.70	/unit	0	0.70	/unit	0
Reserved	0	1.0	/unit	0	1.0	/unit	0
Guest	0	0.15	/unit	0	0.15	/unit	0
Office <25 ksf	0	0.30	/ksf GLA	0	0.03	/ksf GLA	0
Employee		3.50	/ksf GLA	0	0.35	/ksf GLA	0
Office 25 to 100 ksf	0	0.00	/ksf GLA	0	0.00	/ksf GLA	0
Employee		0.00	/ksf GLA	0	0.00	/ksf GLA	0
Office 100 to 500 ksf	125,000	0.25	/ksf GLA	31	0.03	/ksf GLA	4
Employee		3.12	/ksf GLA	389	0.32	/ksf GLA	40
Office >500 ksf	0	0.20	/ksf GLA	0	0.02	/ksf GLA	0
Employee		2.60	/ksf GLA	0	0.26	/ksf GLA	0
Data Processing Office	0	0.25	/ksf GLA	0	0.03	/ksf GLA	0
Employee		5.75	/ksf GLA	0	0.58	/ksf GLA	0
Medical/Dental Office	0	3.00	/ksf GLA	0	3.00	/ksf GLA	0
Employee		1.50	/ksf GLA	0	1.50	/ksf GLA	0
Bank (Branch) with Drive-In	0	3.00	/ksf GLA	0	3.00	/ksf GLA	0
Employee		1.60	/ksf GLA	0	1.60	/ksf GLA	0
Subtotal Customer/Guest Spaces				348			309
Subtotal Employee/Resident Spaces				463			99
Subtotal Reserved Spaces				0			0
Total Parking Spaces				811			408

Table
Oakley Station at the Center of Cincinnati
NW Tract - CPD Amendment

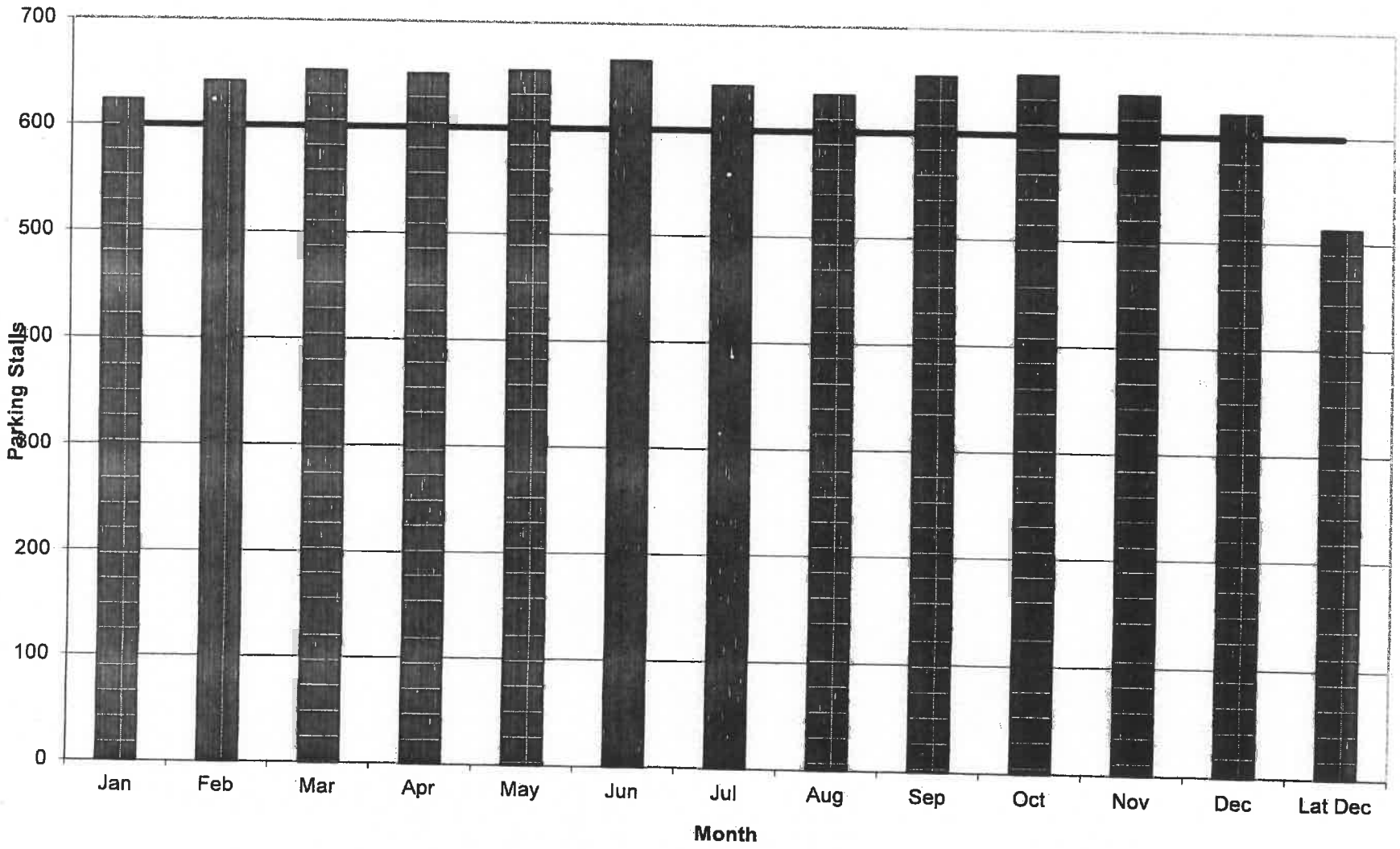
4/11/2022

SHARED PARKING DEMAND SUMMARY

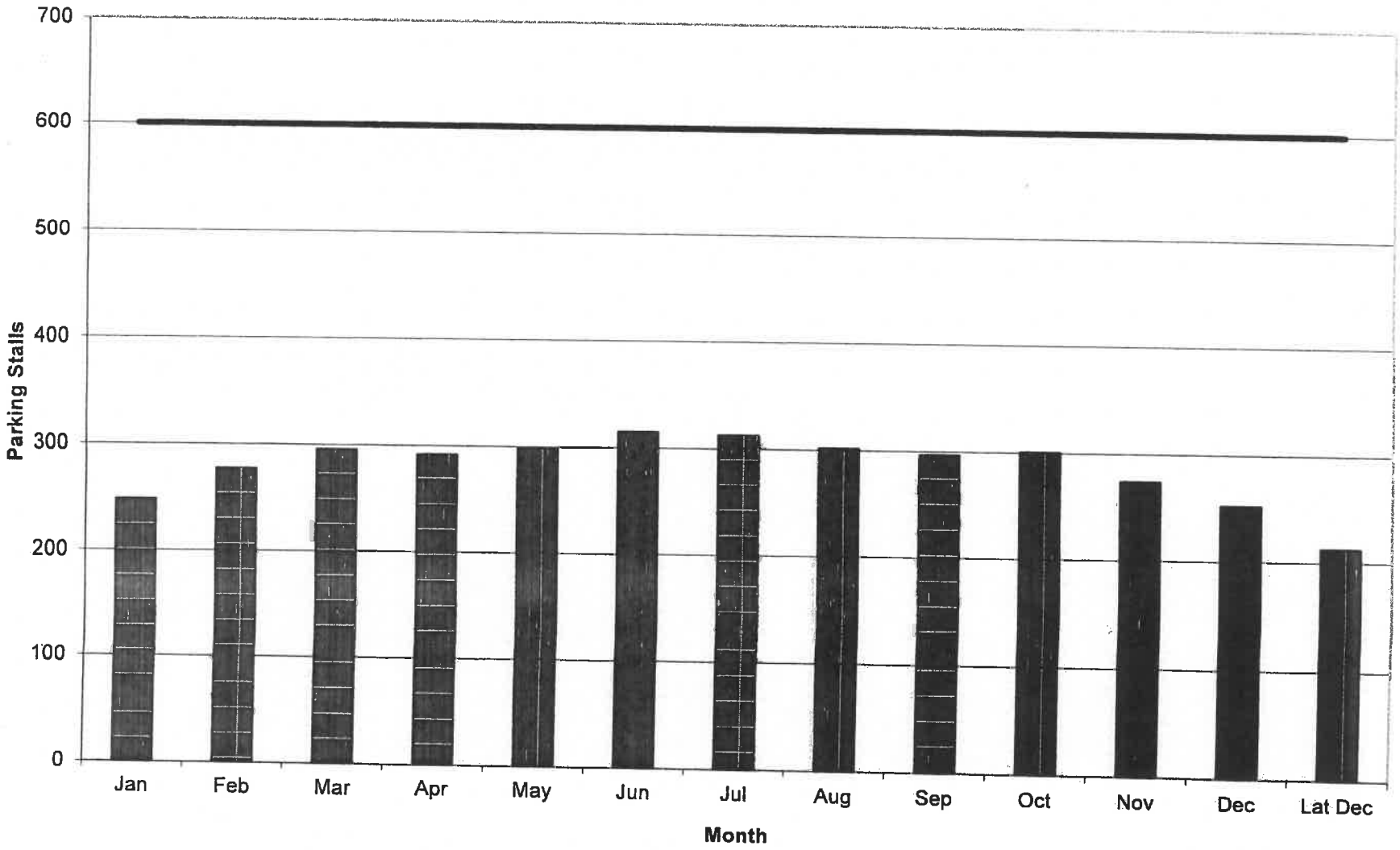
PEAK MONTH: JUNE – PEAK PERIOD: 2 PM, WEEKDAY

Land Use	Project Data Quantity	Unit	Weekday Base Rate	Mode Adj	Non-Captive Ratio	Project Rate	Unit	Weekend Base Rate	Mode Adj	Non-Captive Ratio	Project Rate	Unit	Weekday Peak Hr Adj 2 PM	Weekday Peak Mo Adj June	Weekday Estimated Parking Demand	Weekend Peak Hr Adj 11 PM	Weekend Peak Mo Adj June	Weekend Estimated Parking Demand
Fine/Casual Dining Restaurant	6,000	sf GLA	15.25	0.90	0.75	10.29	/ksf GLA	17.00	0.90	0.90	13.77	/ksf GLA	0.65	0.95	38	0.90	0.95	79
Employee			2.75	1.00	1.00	2.75	/ksf GLA	3.00	1.00	1.00	3.00	/ksf GLA	0.90	1.00	15	0.85	1.00	15
Hotel-Business	225	rooms	1.00	1.00	1.00	1.00	/rooms	0.90	1.00	1.00	0.90	/rooms	0.60	1.00	135	1.00	1.00	203
Employee			0.25	1.00	1.00	0.25	/rooms	0.18	1.00	1.00	0.18	/rooms	1.00	1.00	57	0.45	1.00	18
Office 100 to 500 ksf	125,000	sf GLA	0.25	1.00	1.00	0.25	/ksf GLA	0.03	1.00	1.00	0.03	/ksf GLA	1.00	1.00	31	0.00	1.00	0
Employee			3.12	1.00	1.00	3.12	/ksf GLA	0.32	1.00	1.00	0.32	/ksf GLA	1.00	1.00	389	0.00	1.00	0
													Customer		204	Customer		282
													Employee		461	Employee		33
													Reserved		0	Reserved		0
													Total		665	Total		315

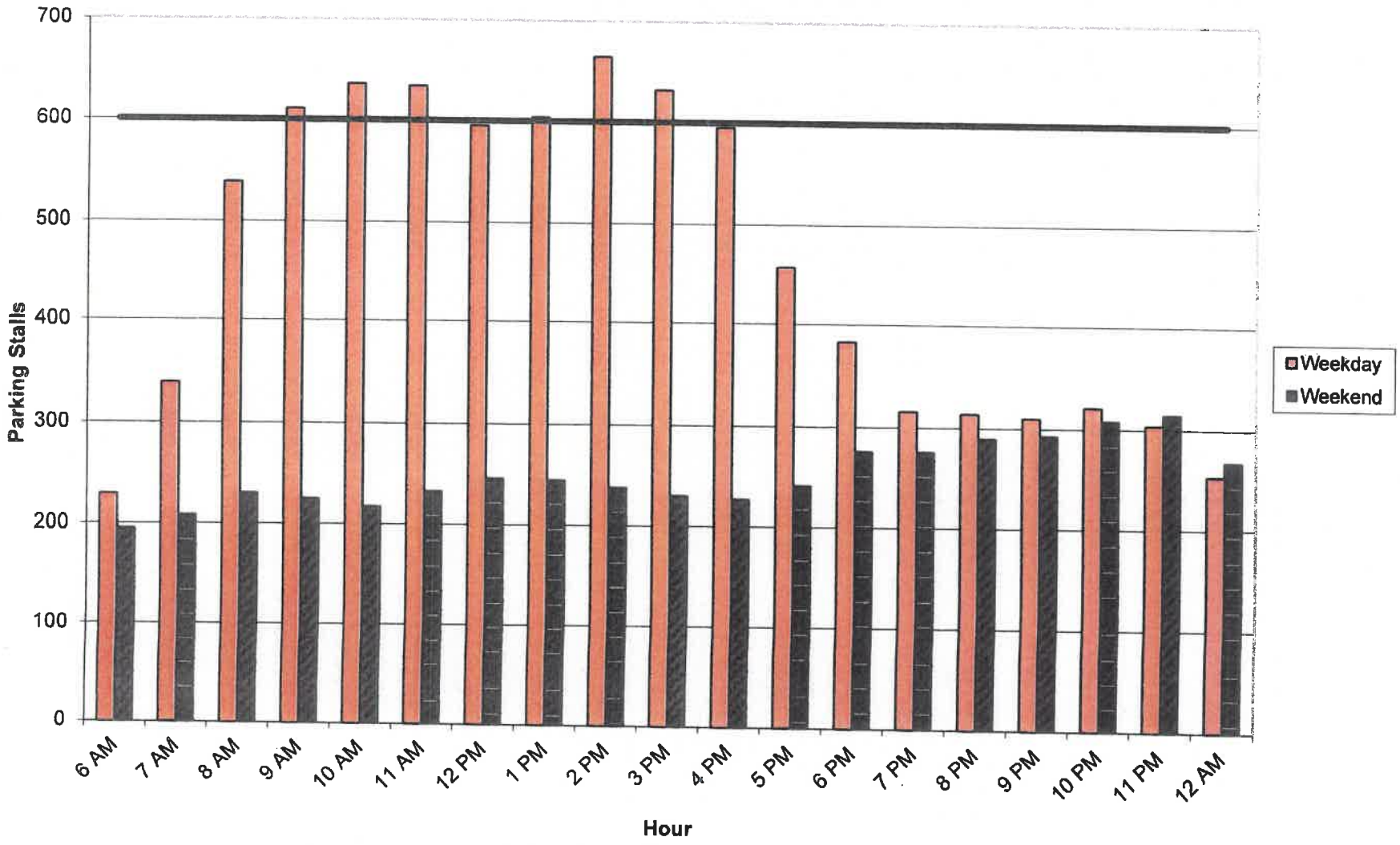
Weekday Month-by-Month Estimated Parking Demand



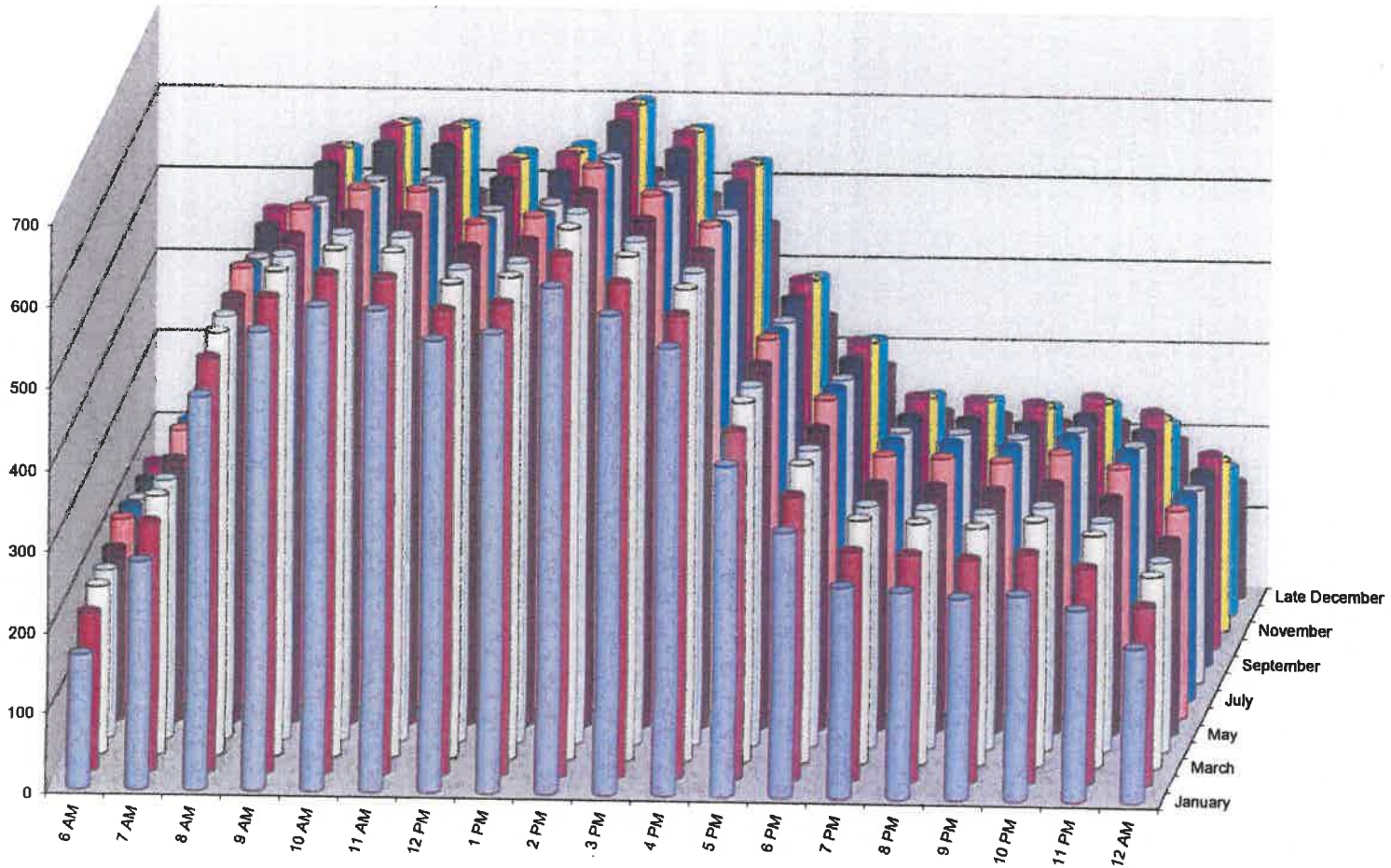
Weekend Month-by-Month Estimated Parking Demand



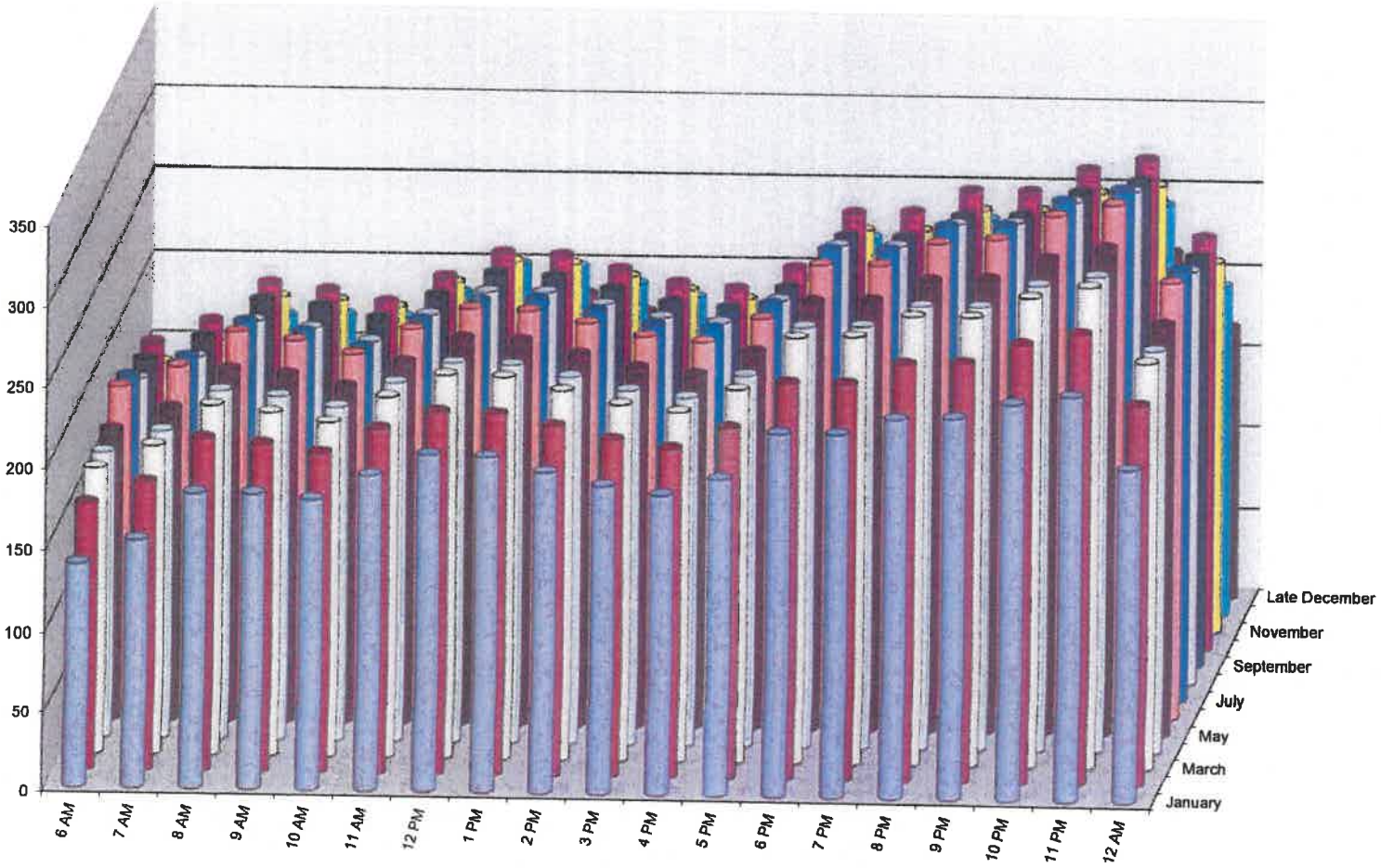
Peak Month Daily Parking Demand by Hour



Weekday Comparison by Month and by Hour



Weekend Comparison by Month and by Hour



METROPOLITAN SEWER DISTRICT OF GREATER CINCINNATI

March 25, 2022

Jeff Kunk
Choice One Engineering
440 East Hoewisher Road
Sidney, OH 45365

Subject: **Conditional Availability of Sewers**
Hotel -116 Rooms
Auditor's Parcel Number 0051-0001-0089
Vandercar Way
Cincinnati
APD Number CMD2200049

Dear Mr. Kunk,

Your sewer availability request for the property referenced above has been processed and approved. Sanitary sewer service is available via the connection to the existing public sewer in Vandercar Way, subject to the following requirements and conditions:

1. All plans and construction shall comply with the latest edition of the MSD Rules and Regulations which governs the design, construction, maintenance, operation, and use of sanitary and combined sewers. This document can be downloaded from the MSD website at https://www.msdgc.org/Doing_business/msd-rules-regulations/index.html.
2. In instances where the overflow rim of the lowest plumbing fixture in any proposed structure is below the elevation of the rim of the next upstream manhole in the sewer system to which the proposed structure is connected, a backwater valve shall be installed in accordance with Section 614 of the MSD Rules and Regulations.
3. A public sewer traverses the proposed development site. No soil grading shall take place within the boundaries of recorded or prescribed easements until an Excavation/Fill permit has been obtained in accordance with Section 406 of the MSD Rules and Regulations. Additionally, no permanent structures or retaining walls may be constructed over a public sewer or within a recorded public easement as set forth in Sections 206 and 207 of the MSD Rules and Regulations.
4. A tap permit must be obtained in accordance with Section 1201 of the MSD Rules and Regulations. The sewer contractor must contact the MSD Field Office at 513.244.1369 for sewer inspection after tap permit is issued.
5. All sewer tappers making building sewer connections to the MSD sewer system shall be licensed and bonded by MSD in accordance with Section 1212 of the MSD Rules and Regulations.
6. The person to whom a tap permit or special permit is issued shall be responsible for obtaining any additional permits required to open cut any public street, road or highway from the appropriate public authority that has jurisdiction in accordance with Section 1210 of the MSD Rules and Regulations.
7. All storm and sanitary sewer flows shall be separated within the development site prior to discharging to the combined sewer system in accordance with Section 302 of the MSD Rules and regulations.
8. Storm detention shall be provided in accordance with Section 303 of the MSD Rules and Regulations.

MSD will require additional detention regulations due to downstream capacity issues, which will be determined during Detailed Review.

9. For additional site storm water requirements within the City of Cincinnati, contact the City of Cincinnati's Stormwater Management Utility (SMU) at 513.591.5050.

The conditional availability of sewer service as described in this letter is effective until one year from the date of this letter and may be extended for one additional year in accordance with Article V, Section 510 of the MSD Rules and Regulations. Extension requests may be made within thirty (30) days of the expiration date of this application. Subsequent extension requests may or may not be granted depending on the availability of sewer credits, hydraulic capacity of the sewer system, and/or other factors that may affect MSD's ability to accept additional sanitary flows into our sewer system.

This determination of sewer availability is based on the best information available at this time to the Metropolitan Sewer District of Greater Cincinnati and is subject to modification or revocation resulting from regulatory action taken by the United States Environmental Protection Agency, the State of Ohio Environmental Protection Agency, from federal consent decrees, or other judicial action ordered by federal courts of the United States Government or the courts of the State of Ohio.

If you have any questions, please call William Weinheimer at 513.557.7019 or me at 513.557.7188.

Sincerely,

Robert Franklin
Engineering Tech. Supervisor, Development Services
Metropolitan Sewer District of Greater Cincinnati

RF:ww

c: Availability File, Cincinnati, Katherine Keough-Jurs

May 1, 2022

Mr. Doug Steinke
S & S Management
331 Folkerth Ave., Suite 100
Sydney, Ohio 45365

USRC
U S REALTY CONSULTANTS, INC.
Real Estate Consulting and Valuation Services

RE: Proposed Fairfield Inn-TownePlace Suites Oakley Station Cincinnati, Ohio

Dear Mr. Steinke:

Per your request, I am writing as a follow-up to our study of the market demand and economic feasibility for a proposed hotel at Oakley Station. The conclusions set forth in the original report indicated the project to be feasible based upon the projected operating results. The report was completed in September 2019 or prior to the onset of the pandemic and the ensuing disruptions in travel and associated lodging demand. While virtually all markets were impacted by the pandemic, the severity of impact and the subsequent recovery time is varying by location and hotel positioning. As part of this follow-up to the original study, we examined the latest occupancy and ADR trend data for the competitive set, based upon information provided by STR. These trends, along with the included hotels, are summarized below.

Competitive Supply

Hotel	Rooms
Homewood Suites Midtown	99
Best Western Premier	45
Courtyard Midtown Rookwood	123
Hampton Inn Kenwood	118
Holiday Inn Express Northeast	93
Residence Inn Midtown Rookwood	118
Hilton Garden Inn Midtown	120
Total	716

Historical Growth and Market Occupancy

Fiscal Year Ending	Mar-19	Mar-20	Mar-21	Mar-22
Total Occupied Rooms	158,000	183,800	112,700	188,800
% Change	--	16.3%	-38.7%	67.5%
Total Available Rooms	239,075	264,625	264,625	264,625
% Change		10.7%	0.0%	0.0%
Market Occupancy	**66.1%**	**69.5%**	**42.6%**	**71.3%**
		5.1%	-38.7%	67.5%
Average Daily Rate	**$143.20**	**$143.70**	**$106.30**	**$135.10**
		0.3%	-26.0%	27.1%
RevPAR	**$94.64**	**$99.81**	**$45.27**	**$96.39**
		5.5%	-54.6%	112.9%

As shown, while there was clearly an impact from the pandemic, the competitive set has largely recovered, with strong growth in occupancy, ADR and RevPAR over the trailing 12-month period ending March 31, 2022. Furthermore, the trailing 12 month results appear consistent with the projections in the original study, providing evidence that the project is feasible.

Furthermore, we note there are hotels performing at higher levels. The developer of the proposed project also owns the adjacent Homewood Suites. This hotel recorded an occupancy and average daily rate of 83.7% at $136.01 for the trailing 12-month period ending March 31, 2022. The monthly occupancy and ADR for FY 2022 are shown in the following table.

Homewood Suites by Hilton Cincinnati Midtown												
	2021									2022		
	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Occ	70.7%	78.8%	88.1%	90.8%	85.7%	87.8%	89.0%	87.0%	80.4%	74.0%	84.9%	86.9%
ADR	$125.85	$132.94	$129.96	$142.14	$145.35	$142.13	$143.18	$134.28	$129.53	$128.74	$134.06	$139.38

	Occupancy	ADR	RevPAR
FY 2022 Total	**83.7%**	**$136.01**	**$113.84**

In particular, we note several months where the hotel recorded monthly occupancy levels approximated 90%. This would indicate a high level of sellout nights, with travelers required to seek alternative accommodations in other locations. Aside from lost hotel revenues, this also impacts indirect spending associated with retail and foodservice choices.

Overall, based upon the performance of the competitive set, and the Homewood Suites in particular, there is compelling evidence that demand levels at Oakley Station are sufficient to support additional hotel development.

This conclusion of the continued project feasibility is limited to a review of the trend data for the competitive set; and a detailed analysis of the market (both supply and demand factors) was not completed. Please let us know if there are any questions, or if we can be of further assistance.

U S REALTY CONSULTANTS, INC.

Peter P. Hathaway, MAI
Principal & Managing Director

COMMERCIAL REAL ESTATE SERVICES

CBRE

Chris Vollmer, Jr.
First Vice President
CBRE, Inc.

201 East Fifth Street
Suite 2200
Cincinnati, OH 45202
513 369 1350 Tel

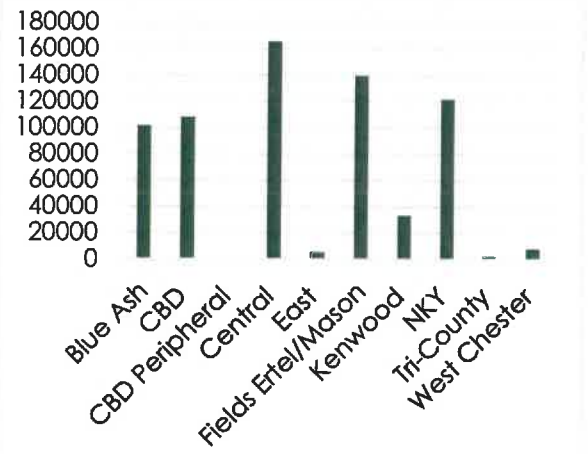
April 28, 2022

To Whom it May Concern:

I'm Chris Vollmer with CBRE commercial real estate and a member of the Greater Cincinnati Office Advisory Team. CBRE is the leasing agent for the office component of Oakley Station, representing USS Realty and Vandercar Holdings. This letter is intended to provide an overview of the Greater Cincinnati office market and activity from 2020-2021 as well as projections for 2022.

As you might imagine, the past two years were incredibly slow for the market due to COVID-19. Beginning in April of 2020, leasing velocity came to a standstill and remained severely suppressed throughout 2021. Over that time, vacancy rates spiked, absorption turned negative and approximately 1,000,000 SF of new supply (direct space and sublease) was added to the market. The majority of leasing activity that occurred during this period consisted of short term renewals, allowing companies to delay decisions and preserve capital while employees were working from home. Fortunately, the overall market and Central Business District did not see massive amounts of corporate departures, as compared to larger urban centers with mass transit.

Cincinnati Office Sublease Space by Submarket (SF)



Since Q1 2022, the market has bottomed and is starting to recover. The distribution of the vaccine along with a decline in COVID-19 cases has allowed companies to finally begin re-entry. In addition, we are seeing favorable touring activity amongst small and medium size users between 2,000 to 15,000 SF. Many of these groups are focusing on plug & play subleases with

furniture as well as highly amenitizied Class A+ properties. The larger Fortune 500 firms are still reluctant to make major real estate decisions and we expect this trend to continue into 2022.

Our long-term view is that office is not dead, but it will continue to change and evolve. In many ways, COVID 19 acted as an accelerant to certain trends such as the impact of technology and more flexibility in the workplace. The role of the office will change from a place for individual work to an environment for groups to come together and collaborate. All of these trends will prompt tenants to be more selective, with a greater emphasis on amenities, technology, building systems, etc. At the same time, until overall supply declines and the market reaches more of an equilibrium, new speculative construction will remain very constrained.

With regard to the office component at Oakley Station, the same difficulties outlined above will make new office development in the near and medium term extremely challenging. It appears unlikely that office requirement of the size and quality that would justify new office construction at Oakley Station will return to the market for a significant amount of time. Over a more extended timeframe we remain optimistic that it will be feasible to develop additional office space at Oakley Station and that, as demand returns, the mix of retail, entertainment, hospitality and residential product already developed at the project will be viewed as desirable amenities for potential office tenants.

Sincerely,

CBRE, Inc.

Chris Vollmer, Jr.
First Vice President
513-369-1388
chrisjr.vollmer@cbre.com

Attachment G

PO Box 9244
Cincinnati OH 45209
oakleynow.com

May 9, 2022

Ms. Katherine Keough-Jurs, AICP
Director
Department of City Planning
City of Cincinnati
Two Centennial Plaza
805 Central Avenue, Suite 720
Cincinnati, Ohio 45202
Katherine.Keough-Jurs@cincinnati-oh.gov

RE: Oakley Station Hotel

Dear Ms Keough-Jurs:

At the May 3, 2022 meeting of the Oakley Community Council ("OCC"), representatives of Vandercar were present to request a vote for their project in Oakley Station for support of their hotel The request was made to:

Motion: Provide letter of support to amend both the concept plan and final development plan for Oakley station in order for an Additional Hotel to be built as presented on 5/3 to OCC

The motion was voted on and approved by the board.

As reflected in our meeting minutes, the motion passed.

Thank you for your cooperation and assistance. If you need any further information or have any questions, I can be reached at Troy.McAndrews@oakleynow.com

Sincerely,

Troy McAndrews
Development Chairman
Oakley Community Council

CC: OCC File

PLANNED DEVELOPMENT (PD-64) OAKLEY STATION HISTORY

1. May 2011 – PD-64, Oakley Station (74-acre site) created by Zone Change – Concept Plan and Program Development Statement approval

2. October 2011 – Oakley Station Final Development Plan approval by the Planning Commission

PD-64 - Final Development Plan proposal included:

- 250 Residential units
- 300,000 sq. ft. Office space
- 350,000 sq. ft. Retail space
- 55,000 sq. ft. Movie Theater

Major Amendments to the Concept Plan and Development Program Statement PD-64 Approved by City Council since 2011

3. Ordinance 43-2012
   Increase residential from 250 units to 307 units – Phase 1B

4. Ordinance 179-2013
   Permit fuel sales at Kroger – Phase 1C

5. Ordinance 240-2015
   Expand residential for an additional 148 units. Parking garage with 385 spaces to serve future office uses – Phase 2A

6. Ordinance 333-2015
   Three Office Buildings – 320,000 sq. ft., parking garage, 120 room hotel – Phase 2B

7. Ordinance 10-2017
   Mike's Car Wash – Phase 1L

Comparison 2011 to 2022

Category	Initial Concept	Actual	Difference
Commercial (sq.ft.)	350,000	261,658	(88,342)
Office (sq.ft.)	300,000	84,252	(115,748)
Movie Theatre (sq.ft.)	55,000	53,995	(1,005)
Residential (units)	250	457	207
Hotel (rooms)	0	108	108
Garage (spaces)	0	385	385

Attachment I

city of CINCINNATI
Interdepartment Correspondence Sheet

August 5, 2022

To: Ms. Katherine Keough-Jurs
Director, Department of City Planning & Engagement

From: Markiea L. Carter
Director, Department of Community & Economic Development

Subject: Economic Analysis of Oakley Station

BACKGROUND

Oakley Station is a 74-acre redevelopment of the former Milacron factory site in the Oakley neighborhood of Cincinnati. The City facilitated the demolition of existing manufacturing buildings on the site, associated environmental clean-up, and construction of new public infrastructure through an incentive package as follows:

Clean Ohio Revitalization Fund (CORF) Grant via State of Ohio: $3,000,000
Clean Ohio Assistance Fund (COAF) Grant via State of Ohio: $300,000
Project Based Tax Increment Financing Cash - $2,997,045
Project Based Tax Increment Financing Bond Proceeds - $5,000,000
Total Assistance City of Cincinnati/State of Ohio - $10,997,045

The assistance of roughly $11,000,000 provided a site-ready development originally planned to contain 200 apartments, 250,000 square feet of office space, 350,000 square feet of retail space, and a movie theater. Since the initial project concept was established in the Development Agreement, the Developer has sought and received several modifications to the Planned Development that 1. Increased the number of apartments 2. Decreased the amount of commercial space and 3. Added a public parking garage. Below is a summary of what has been constructed compared to the initial project concept outlined in the Development Agreement between the City and USS Realty:

Category	Initial Concept	Actual	Difference
Commercial (sqft)	350,000	261,658	(88,342)
Office (sqft)	250,000	84,252	(165,748)
Movie Theatre (sqft)	55,000	53,995	(1,005)
Residential (units)	250	457	207
Hotel (rooms)	0	108	108
Garage (spaces)	0	385	385

Since 2012, the Developer has pursued a series of additional financial incentives for the new private improvements at Oakley Station and other financing incentives for Public Improvements. The Developer sought and received CRA tax abatements for the first and second phases of Apartments, the Kroger Marketplace, the Anthem Office Building, and the Homewood Suites Hotel. One commercial tenant (Olive Garden) applied for but did not ultimately receive a CRA tax abatement. In 2015, the Developer requested and received an additional $6,243,600 in Project Based Tax Increment Financing for constructing a new public parking garage to support the office portion of the development. This brought the City's total direct investment (cash and bonds) to Oakley Station to a total amount of $17,540,645. This amount does not include the forgone TIF revenues from the above listed CRA tax abatements.

Economic Benefits of Current Project

At the time of Agreement execution, the Developer anticipated the development would create 1,700 jobs [A]. From the reporting requirements of the various incentives provided and DCED's estimates regarding parts of the Project that do not have reporting requirements, DCED estimates that the Project has created at least 832 FTE jobs. The Developer estimates that 1,300 jobs have been created but this figure includes many part-time positions [B]. In either calculation, the shortfall from the initial estimate is primarily due to the commercial to apartment conversion and that 2/3 of the office development had not been constructed due to a lack of end users. Of the proposed 1,700 jobs to be created, 1,000 jobs were to come from the office portion of the development. Only the office building occupied by Anthem Insurance has been built, which has reported 492 jobs.

ECONOMIC ANALYSIS OF CURRENT REQUESTS

The Developer has requested modifications to the site plan that would 1. Reduce the remaining square footage of office buildings to be constructed and 2. Reduce the available parking that would be committed to the remaining office building footprint.

Past Marketing Attempts for Office:

By providing financial incentives to facilitate the original concept plan for the Oakley Station Development, the City was following its GO Cincinnati Strategy, where the Madison Road corridor was cited as a "prime location for a complex office/retail/high density housing concentration. This area can provide the "drivable suburban" office location that the City is currently lacking and mix it in with a walkable redevelopment of Historic Madisonville. Due to its proximity to I-71, the CBD, and large swaths of excellent demographics, this corridor has a strong opportunity to capture growth in office and supporting retail demand." The Strategy called for the City to "actively compete for modern office demand; provide land and development support" and to "potentially secure larger sites (3+ acres) to make them readily available to office developers". The City was implementing this strategy with its financial support for the Oakley Station development and its inclusion of 250,000

[A] Total jobs were expected to include full-time & part-time employees.
[B] DCED calculated jobs based on incentive reports & estimates of 1 job per 1,000 square feet of retail space. The Developer used current reports & a 2018 employment survey with updates that estimated 1/3 of the total at full-time & 2/3 at half-time.

square feet of office space spread over three office pads. The City has had overall success within the Madison Road Corridor. In addition to Anthem Insurance (located within Oakley Station), the City has assisted Cincinnati Federal Credit Union and Hubbard Radio with securing development sites along the Kennedy Connector totaling 50,000 square feet. Furthermore, the City assisted with two phases of office space for Medpace, totaling 450,000 square feet.

The Developer of Oakley Station has undertaken substantial efforts to land office users, often in close coordination with DCED. The development site was often the only location within the City in competition for users primarily seeking a suburban office product with access to I-71. Despite these efforts, the only end user to build in Oakley Station to date was Anthem Insurance, which opted to locate to Oakley Station instead of leaving the City for a comparable suburban office campus.

Current Office Market

The office market for Cincinnati remains a challenge as office users continue to simultaneously make decisions on their square footage needs and alter their remote/in-person work schedules to fit the needs of their business. Recent market studies have supported this claim and have shown that the need for additional office space remains uncertain. Office subleasing has neared record highs in the past three years, but more tenants are choosing to sublease available space. Many users focus on plug-and-play subleases with furniture as well as Class A+ properties with substantial amenities. Available space being leased is also rising but is still lagging due to economic recovery.

It is DCED's understanding that the majority of current market demand for new office construction will come from a limited pool of end users that desire a specific location within the City. It is also DCED's understanding that suburban-style office is not in as high demand as an office sub-type as it was 15 years ago within the City when the GO Cincinnati Study was authored. While Oakley Station's office pads are attractive to users who desire new construction with access to I-71 and a suburban office campus feeling, the pool of potential users seeking those amenities in the current market may be limited.

Economic impact of eliminating the office pad and allowing the bar/entertainment venue

As currently accepted within the Planned Development, office pad B would contain a 3-story, 90,000 square foot office building. If office pad B were to perform the same as the similar-sized Anthem Building, it would be assumed that 500 jobs would be created with an estimated annual income tax of $657,000. However, the relocation of Anthem Insurance to the Oakley Station site did require significant public incentives in the form of a CRA tax abatement, Job Creation Tax Credit, and direct financial assistance for the construction of the new public garage; so the new income tax received would be offset by tax incentives offered for the development.

If the Applicant's proposed bar/entertainment venue were approved, 20 retail jobs would be created with an estimated annual income tax of $29,520. Though the bar/entertainment venue would provide substantially less income tax to the City, the development would be an $8,000,000 investment into Oakley Station, providing $125,000 in annual property taxes (est. $4MM valuation) and $325,000 in annual sales taxes.

Economic impact of reducing the office pad, eliminating the parking garage, and allowing the additional hotel

As currently accepted within the Planned Development, office pad A would contain a 3-5 story, 150,000 square foot office building. If office pad A were to perform proportional to the Anthem Building, it would be assumed that 834 jobs would be created with an estimated annual income tax of about $1,000,000. However, as noted above, the relocation of Anthem Insurance to the Oakley Station site did require significant public incentives in the form of a CRA tax abatement, Job Creation Tax Credit, and direct financial assistance for the construction of the new public garage so the new income tax received would be offset by any tax incentives offered for the potential development. An additional garage for this office building would likely require a larger footprint or parking arrangements with adjacent property owners for shared parking.

If the proposed reduction of office pad A to 125,000 square feet were approved, it would be assumed that 500 jobs could be created with an estimated annual income tax of $657,000 at the site if/when an office building is constructed [c]. Furthermore, if the proposed hotel were approved, 15 additional jobs would be created with an annual income tax of $13,050.

The Applicant did provide DCED with a market demand and economic feasibility report of an additional hotel in Oakley Station. The report found that the current hotel in Oakley Station (Homewood Suites) had an average occupancy rate of 83.7% in the first quarter of 2022 and had been consistently above 70% since April 2021. Market research shows that the ideal occupancy rate range is between 70-90%. Additionally, it was found that there had been an increase in total occupancy but not in the total availability of hotel rooms within the Midtown area of Cincinnati.

While the hotel developer has requested a CRA tax abatement, the City has determined not to offer this incentive due to its location within a Project TIF and lesser benefits provided than the initially anticipated office use for this portion of the site. If the hotel moves forward as planned, all these benefits will be realized without tax incentives. Provided there remains an office component of the Oakley Station development, the City remains committed to considering tax incentives to potential office users for the 120,000 square foot site that will provide substantial income tax benefits to the City as noted above in this analysis.

[c] Developer provided job totals per proposed amendment. DCED estimated annual income tax using Anthem's current JCTC report.

CONCLUSION

DCED does not provide recommendations for Planned Development modification requests but provides the above analysis for use by City Planning & Engagement staff and the City Planning Commission. Furthermore, DCED is not offering financial incentives for either of the proposed uses due to the factors as mentioned above. Both proposed Project amendments would not be offered any tax incentives to proceed, so all benefits listed will be fully realized if both Projects were to progress.

Copy: Markiea L. Carter, Director, Department of Community and Economic Development



USS Realty, LLC

August 4, 2022

Ms. Caroline Kellam
City of Cincinnati
Department of City Planning and Engagement
805 Central Ave, Centennial II, Ste. 700
Cincinnati, Ohio 45202

RE: Cincinnati Planning Commission Meeting of July 15, 2022
Oakley Station CDP Amendments

Dear Ms. Kellam:

In follow-up to the July 15, 2022 meeting of the Cincinnati Planning Commission I am providing this letter to more fully respond to questions posed by the Planning Commission and to provide additional information that may be relevant to its decisions in the cases related to the Oakley Station development. I thought it would be useful to provide a comparison of the project's actual performance to-date in with that anticipated at the origination of the redevelopment concept.

In January of 2011, USS Realty entered a Development Agreement with the City of Cincinnati for the redevelopment of the project now known as Oakley Station. The project required acquisition of 74 acres of land from multiple owners containing almost 2,000,000 sq. ft. of nearly vacant, deteriorating, obsolete and environmentally contaminated industrial facilities. As part of the Development Agreement, USS Realty committed to pursuing a mixed-use development of an approximate value of $93,000,000. Additionally, as part of the Development Agreement, USS Realty anticipated job creation of approximately 1,700 full-time equivalent (FTE) jobs from the project. The City of Cincinnati agreed to participate by providing tax increment financing (TIF) funds of approximately $8,000,000 for public improvements. Additionally, the City agreed to cooperate with the developer in pursuing State of Ohio funding to support a portion of the environmental cleanup of the site.

To date, the Oakley Station project has produced private development totaling more than $144,000,000 as more fully broken down in the attached table. Based on the current proposed CDP Amendments for Oakley Yard and the Fairfield and Towneplace Suites hotel, at full buildout the project will result in a value of nearly $190,000,000 – more than double that anticipated by the Development Agreement. Based on feedback from Oakley Station tenants surveyed in 2018 and supplemented by estimates from similar businesses, Oakley Station currently supports approximately 1,300 FTEs. Assuming project

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Miamisburg, OH 45342
Phone: 937-910-9900
Fax: 937-910-9910

completion in accordance with the two proposed amendments the job creation at Oakley Station will total more than 1,840 FTEs exceeding the projection from 2011.

USS Realty, the owner of the Oakley Station development, and Vandercar, the master developer of the project, used the TIF funding outlined in the Development Agreement to construct, reconstruct and improve new and existing City public streets and utilities necessary to support redevelopment of the Oakley Station site and surrounding properties. This included $3,000,000 to rebuild and improve utility infrastructure in the dilapidated Disney Street using surplus funds from property taxes generated from the adjacent Center of Cincinnati developments developed by Vandercar in the early 2000's and accumulating in the Center of Cincinnati Project TIFs. Additionally, $5,000,000 was invested to improve and extend public streets and utility infrastructure through and around the perimeter of Oakley Station to serve the redevelopment and surrounding properties. This $5 MM of TIF funding was provided from a new Oakley Station Project TIF supported by property taxes to be generated from the value of the proposed private improvements and further backed by a special assessment placed on the USS Realty properties to backstop any potential shortfall. No TIF funding was utilized from the Oakley District TIF.

USS Realty and the City of Cincinnati were successful in securing two grants from the State of Ohio totaling $3,300,000 to assist in the asbestos abatement, demolition, and soils remediation necessary to make the property available for redevelopment. As part of that process, USS Realty successfully brought the cleanup effort through the State's Voluntary Action Program and received a No Further Action Letter and Covenant Not to Sue, making the property viable for the private investment and commercial lending necessary to achieve the value creation we've seen to date. The City's participation as cooperating applicant was critical to receiving these grants; however, no City financial investment was required as the extensive environmental study, testing, investigation, and grant application package was funded by USS Realty, and any associated City efforts were reimbursed from the proceeds of the grants.

In 2015, the City of Cincinnati entered a separate Development Agreement with Oakley Office Partners associated with construction of a $6.2 MM parking structure to support development of the approximately 80,000 sq. ft. office building located in Oakley Station to retain Anthem Insurance's offices in the City following their planned exit from their existing East Walnut Hills offices. Again, this $6.2 MM was provided from surplus funds generated by the Center of Cincinnati Project TIFs. Additionally, USS Realty, Vandercar, and its partners worked with Anthem to purchase its existing East Walnut Hills property to facilitate the Oakley office move. That site is currently being redeveloped as Woodburn Exchange, bringing more than 300 new residential apartments to the East Walnut Hills neighborhood.

9900 Springboro Pike
Miamisburg, OH 45342
Phone: 937-910-9900
Fax: 937-910-9910

Overall, we view the Oakley Station development as tremendous success and a valuable contributor to the Oakley neighborhood and the City of Cincinnati as a whole. Approval of the two proposed CDP Amendments will provide the remaining development much needed momentum coming out of the extremely difficult circumstances driven by the pandemic with projects both unanimously supported by the neighborhood community council. It is important to the viability of both projects that they move forward without further delays. With that in mind, please do not hesitate to contact me by phone at (513) 600-7370 or by email at sdragon@vanhold.com with any additional questions or requests for information.

Sincerely,
USS REALTY, LLC

Steven N. Dragon, P.E.

Attachment

9900 Springboro Pike
Miamisburg, OH 45342
Phone: 937-910-9900
Fax: 937-910-9910

September 13, 2022

Cincinnati City Council
Council Chambers, City Hall
Cincinnati, Ohio 45202

Dear Members of Council:

We are transmitting herewith an Ordinance captioned as follows:

> **APPROVING** a major amendment to the concept plan and development program statement governing a portion of Planned Development No. 64 – Phase 2B located north of Vandercar Way in the Oakley neighborhood to eliminate a proposed parking garage, to reposition and reduce the square footage of a proposed office building, and to permit the development of a hotel.

Summary

In May 2011, City Council approved a zone change to create Planned Development #64 (PD-64), Oakley Station. On October 21, 2015, City Council approved a Major Amendment was approved by City Council for a hotel and office use within PD-64 on this site. The approval specified a 150,000 square feet of office space, 3 to 5 stories tall, a 400-space parking garage, and a five-story hotel adjacent to the office use. The proposal included 665 parking spaces to be shared by the proposed office and hotel and restaurant. As of today, the hotel has been built, yet the 150,000 square foot office building and parking garage have not been built on this site.

A Major Amendment to the Concept Plan and the Development Program Statement has been requested to allow for a hotel on this site, allow a reduced sized office building from the proposed 150,000 square foot building to a 125,000 square foot building and move the proposed office building further west and closer to the perimeter lot line than the previously approved location. Also, this allows for the elimination of the previously proposed 400-space parking garage yet compensating with a total of 714 surface parking spaces.

The staff of the Department of City Planning and Engagement supports the proposed Major Amendment to the Concept Plan and Development Program Statement for the proposed hotel in PD-64 for the following reasons:

1. The proposal will not negatively impact the existing character of the surrounding area;
2. The proposal will provide needed hotel space in the City;
3. The proposal is supported by the Oakley Community Council; and
4. The proposal is consistent with *Plan Cincinnati* (2012) and the *Oakley Master Plan* (2019).

On August 19, 2022, the City Planning Commission voted unanimously to recommend approval of the Major Amendment to the Concept Plan and Development Program Statement for PD-64, Oakley Station, to eliminate the proposed parking garage, to reduce square footage of and move the location of the office building, and add a hotel in Oakley to City Council.

Motion to Approve the Administration's recommendation:	Mr. Eby	Ayes:	Mr. Weber Mr. Eby Ms. Kearney Mr. Stallworth
Seconded:	Mr. Weber		

THE CITY PLANNING COMMISSION

Katherine Keough-Jurs

Katherine Keough-Jurs, FAICP, Director
Department of City Planning and Engagement

city of CINCINNATI
Interdepartment Correspondence Sheet

September 13, 2022

To: Members of the Equitable Growth and Housing Committee

From: John P. Curp, Interim City Manager 202201658

Subject: Ordinance for the Rezoning of 3002-3026 Woodburn Avenue in Evanston

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Transmitted is Ordinance captioned:

> **AMENDING** the official zoning map of the City of Cincinnati to rezone the real property located at 3002-3026 Woodburn Avenue in the Evanston Neighborhood from the RMX, "Residential Mixed," zoning district to the RM-0.7, "Residential Multi-Family," zoning district to facilitate the construction of a 29-home single-family development.

The City Planning Commission recommended approval of the plan at its August 5, 2022 meeting.

Summary:
The petitioner, Onyx + East, requests a zone change at 3002 through 3026 Woodburn Avenue in Evanston from Residential Mixed (RMX) to Residential Multi-Family (RM-0.7) to permit the future construction of 29 single-family attached and detached residences on their own separate lots. The proposed zone change will allow the planned future construction of 29 detached and attached single-family homes.

There will be 26 townhomes (two-to-three-bedroom units) and three (3) four-bedroom, single-family homes on the site with a newly created private street with intended access from Woodburn Avenue. Each of these proposed residences will have rear facing garages, with the private streets allowing access. Most of the proposed residences will have the front of the structures face the street on Woodburn Avenue and DeSales Lane, with the three, single-family detached homes in the northeast portion of the project site. Three different varieties of floor plans are being proposed.

The City Planning Commission recommended the following on August 5, 2022, to City Council:

> **APPROVE** the proposed change in zoning from Residential Mixed (RMX) to Residential Multifamily (RM-0.7) at 3002-3026 Woodburn Avenue in Evanston.

cc: Katherine Keough-Jurs, FAICP, Director, Department of City Planning and Engagement

AMENDING the official zoning map of the City of Cincinnati to rezone the real property located at 3002-3026 Woodburn Avenue in the Evanston neighborhood from the RMX, "Residential Mixed," zoning district to the RM-0.7, "Residential Multi-Family," zoning district to facilitate the construction of a 29-home single-family development.

WHEREAS, Onyx + East ("Petitioner") has petitioned to rezone the real property located at 3002-3026 Woodburn Avenue in the Evanston neighborhood ("Property") from the RMX, "Residential Mixed," zoning district to the RM-0.7, "Residential Multi-Family," zoning district; and

WHEREAS, the Property currently consists of nine contiguous parcels totaling 2.12 acres surrounded by a mix of single-family and multi-family housing; and

WHEREAS, rezoning the Property from the RMX, "Residential Mixed," zoning district to the RM-0.7, "Residential Multi-Family," zoning district would facilitate the construction of a 29-home single-family development consisting of attached and detached housing units ("Project"); and

WHEREAS, the proposed zone change is consistent with *Plan Cincinnati* (2012), including the Live Initiative goals to "[c]reate a more livable community" (p.160) and to "[p]rovide a full spectrum of housing options and improve housing quality and affordability" (p.164); and

WHEREAS, the proposed zone change is also consistent with the *Evanston Work Plan* (2019), including its goal to "[c]reate a sustainable, mixed income neighborhood without displacement" (p. 40); and

WHEREAS, at its regularly scheduled meeting on August 5, 2022, the City Planning Commission determined that the proposed zone change is in the interest of the public's health, safety, morals, and general welfare, and it recommended rezoning the Property from the RMX, "Residential Mixed," zoning district to the RM-0.7, "Residential Multi-Family," zoning district; and

WHEREAS, a committee of Council held a public hearing on the proposed rezoning of the Property following due and proper notice pursuant to Cincinnati Municipal Code Section 111-1, and the committee approved rezoning the Property, finding it in the interest of the public's health, safety, morals, and general welfare; and

WHEREAS, the Council resolves to rezone the Property from the RMX, "Residential Mixed," zoning district to the RM-0.7, "Residential Multi-Family," zoning district, finding it to be in the interest of the public's health, safety, morals, and general welfare; now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That the shape and area of the City of Cincinnati's official zoning map in the location of the real property located at 3002-3026 Woodburn Avenue in the Evanston neighborhood, shown on the map attached hereto as Exhibit "A" and incorporated herein by reference, and being more particularly described on the legal description contained in Exhibit "B," attached hereto and incorporated herein by reference, is hereby amended from the RMX, "Residential Mixed," zoning district to the RM-0.7, "Residential Multi-Family," zoning district.

Section 2. That this ordinance shall take effect and be in force from and after the earliest period allowed by law.

Passed: _____, 2022

_____
Aftab Pureval, Mayor

Attest: _____
Clerk

Honorable City Planning Commission **August 5, 2022**
Cincinnati, Ohio

SUBJECT: A report and recommendation on a proposed zone change from Residential Mixed (RMX) to Residential Multi-family (RM-0.7) located at 3002-3026 Woodburn Avenue in Evanston.

GENERAL INFORMATION:

Location: 3002-3026 Woodburn Avenue
Cincinnati, OH 45206

Petitioner: Onyx + East
1828 N Central Avenue
Indianapolis, IN 46202

EXHIBITS:

Provided in addition to this report are the following exhibits:

- Exhibit A Location Map
- Exhibit B Zone Change Application
- Exhibit C Zone Change Plat
- Exhibit D Legal Description
- Exhibit E Proposed Development
- Exhibit F Coordinated Site Review Letter
- Exhibit G Community Engagement Summary
- Exhibit H Correspondence

BACKGROUND:

The petitioner, Onyx + East, requests a zone change at 3002 through 3026 Woodburn Avenue in Evanston from Residential Mixed (RMX) to Residential Multi-family (RM-0.7) to permit the future construction of 29 single-family attached and detached residences on their own separate lots. Currently, the subject property consists of nine parcels that will be consolidated into a single parcel consisting of 2.21 acres to be reclassified.

The existing properties currently consist of multiple lots with vacant, abandoned houses and are located at the northeast corner of Woodburn Avenue and DeSales Lane, abutting the East Walnut Hills neighborhood. The proposed zone change is additionally one block to the east of the Walnut Hills neighborhood boundary. The area is characterized by a mix of single-family and multi-family housing. DeSales Flats apartment buildings consisting of one-to-two-bedroom units, sit directly south and west of the site along with Purcell Marion Catholic High School to the south across the other side of DeSales Lane.

The subject property is currently zoned RMX. The RMX zone is intended to create, maintain, and enhance areas of the city that have a mix of lot sizes and house types at moderate intensities (one to three dwelling units). Existing multi-family buildings of four or more units are acknowledged but new construction is not permitted. The proposed zone is RM-0.7 where the character is intended to be urban and should be used where high intensity residential is needed to provide a residential base for important commercial areas. The zone change is needed for the future development to be able to have smaller lot sizes, smaller setback requirements and to eliminate the need for a Conditional Use permit to construct

more than three rowhouses in a row.

ADJACENT LAND USE AND ZONING:
The subject properties are currently zoned RMX (Residential Mixed) as shown on the attached map (Exhibit A). The zoning and land uses surrounding the subject properties are as follows:

North:
Zoning: Residential Mixed (RMX)
Existing Use: Music Resource Center Cincinnati and Urban Stead Cheese Shop

East:
Zoning: Residential Mixed (RMX)
Existing Use: Single-family and multi-family residential (along Hackberry Street)

South:
Zoning: Residential Mixed (RMX); Community Commercial – Mixed (CC-M)
Existing Use: Vacant property (owned/utilized by Purcell Marion Catholic High School)

West:
Zoning: Planned Development #72 (PD-72)
Received a zone change in February 2015 for 92 apartment units.
Existing Use: DeSales Flats II – apartment buildings

PROPOSED DEVELOPMENT:
The proposed zone change will allow the planned future construction of 29 detached and attached single-family homes. There will be 26 townhomes (two-to-three-bedroom units) and three (3) four-bedroom, single-family homes on the site with a newly created private street with intended access from Woodburn Avenue. Each of these proposed residences will have rear facing garages, with the private streets allowing access. Most of the proposed residences will have the front of the structures face the street on Woodburn Avenue and DeSales Lane, with the three, single-family detached homes in the northeast portion of the project site. Three different varieties of floor plans are being proposed.

If the zone change is approved, all new construction will have to conform to the development regulations set forth in the Cincinnati Municipal Zoning Code in the RM-0.7 zone.

COORDINATED SITE REVIEW:
The applicant submitted their proposed project for Coordinated Site Review in June 2022. The applicant stated their desire for a zone change during this process from RMX to RM-0.7 to allow for more density and smaller setbacks for the proposed single-family homes. Many departments had comments regarding future permits and the Cincinnati Fire Department expressed concerns regarding the accessibility of fire hydrants and roadway access (Exhibit F). The applicant team is aware of these concerns and has been advised to remedy these and work with the appropriate departments. They will need to coordinate with the various permitting agencies to meet requirements outlined in the feedback letter.

PUBLIC COMMENT:
The applicant team submitted a summary of the extensive community engagement completed in advance of filing for the zone change (Exhibit G). The applicant team has met with both the Evanston and East

Walnut Hills community councils, created a website to house information regarding the proposed project (www.liveonwoodburn.com), and sent out a survey for input from residents. The applicant team held three (3) community input sessions themselves with a total of 24 people in attendance from all three sessions. Letters of support were received from the Evanston Community Council and East Walnut Hills Assembly (Exhibit H).

The Department of City Planning and Engagement held a virtual public staff conference on this proposed zone change on July 7, 2022. Notices were sent to property owners within a 400-foot radius of the subject properties, including both the Evanston Community Council and East Walnut Hills Assembly. A total of eight (8) community members attended, in addition to City staff and the applicant team. Most of the questions were regarding project timeline, the project process and notification period, and a concern for increasing property values around the new development.

All property owners within a 400-foot radius of the subject properties and the Evanston Community Council and East Walnut Hills Assembly were also notified of the City Planning Commission meeting. No additional correspondence was received as of July 29, 2022.

CONSISTENCY WITH PLANS:

Plan Cincinnati (2012)

The proposed zone change is consistent with the Live Initiative Area of *Plan Cincinnati*, specifically the Goal to, "Create a more livable community" through the Strategy to "Support and stabilize our neighborhoods" (p. 160). This proposal is additionally consistent with the Goal to "Provide a full spectrum of housing options, and improve housing quality and affordability" (p. 164) and the Strategy to "Offer housing options of varied sizes and types for residents at all stages of life" (p. 169). There have been several similar new developments constructed near this project, including DeSales Flats Apartments and the single-family homes built to the north along Merrimac Street, which are also zoned RM-0.7.

This subject property is located within an identified Neighborhood Center through the Guiding Geographic Principles of *Plan Cincinnati* and correlate with the goals to focus revitalization on existing centers of activity (p. 86).

This proposal is situated along a busy corridor and is located just outside the East Walnut Hills Neighborhood Business District. The business district has also seen several new developments like DeSales Plaza Apartments which has retail on the ground floor. The proposed development is within walking distance of the business district, Purcell Marion Catholic High School, Hoffman Park, Evanston Recreation Center, and various religious institutions.

This request is also consistent with the Guiding Policy Principles to "Increase our population" and to "Be aggressive and strategic in future growth and development" (p. 77). Economic development and job growth is the key to maintain a stable city and growing the Cincinnati tax base to allow for public services and future improvements.

Evanston Work Plan (2019)

The proposed zone change is consistent with Goal 1 of the *Evanston Work Plan* to "create a sustainable, mixed income neighborhood without displacement" through the Objective "There should be a broad spectrum of housing choices in the neighborhood (price and type)". Lastly, the proposed development is

consistent with the Strategy to "Develop the capacity in Evanston to renovate housing and engage in new construction to reach community goals" (p. 40).

ANALYSIS:

The current RMX zone *does* permit single-family homes and is intended to create, maintain and enhance areas of the city that have a mix of lot sizes and house types at moderate intensities. However, it does not permit any new buildings with four or more units.

The future development has been revised and changed since the initial review done by the Department of City Planning and Engagement – Zoning Division, which identified the need for relief for lot sizes for 27 of the proposed lots and the relief for setback relief for some. A Conditional Use would additionally be required for any runs of rowhomes which exceed three in a row. The proposed zone change would alleviate these requests. The proposed zone change would permit homes to have smaller front yard setbacks which would allow close proximity to the sidewalks and street, creating and enhancing the pedestrian environment in the neighborhood. It would also allow smaller lot sizes for both the rowhomes and single-family homes.

This zone change will permit the planned future construction of 29 residential units and will provide additional housing options to the Evanston and East Walnut Hills communities. It is consistent with the existing surrounding zoning districts and built environment. This proposal will additionally alleviate the abandoned, blighted homes that exist on the property.

Lastly, when the time comes for the applicant to subdivide the lots and if they are proposing condominiums, that request would be exempt from the City's Subdivision Process per the Ohio Revised Code.

CONCLUSIONS:

The staff of the Department of City Planning and Engagement supports the proposed change in zoning for the following reasons:

1. The proposed zone is consistent with the existing surrounding built environment with regards to allowable uses, building scale, massing, and adjacent zoning districts.

2. It is consistent with the objective in the *Evanston Work Plan* (2019) that "There should be a broad spectrum of housing choices in the neighborhood (price and type)."

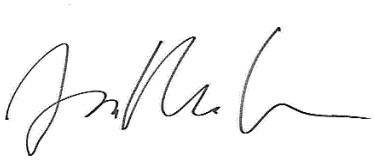
3. It is consistent with *Plan Cincinnati* (2012) within the Live Initiative Area, specifically the goal to, "Provide a full spectrum of housing options, and improve housing quality and affordability."

RECOMMENDATION:

The staff of the Department of City Planning and Engagement recommends that the City Planning Commission take the following action:

> **APPROVE** the proposed change in zoning from Residential Mixed (RMX) to Residential Multi-family (RM-0.7) at 3002-3026 Woodburn Avenue in Evanston.

Respectfully submitted:



Jesse Urbancsik, Senior City Planner
Department of City Planning and Engagement

Approved:



Katherine Keough-Jurs, FAICP, Director
Department of City Planning and Engagement

September 13, 2022

Cincinnati City Council
Council Chambers, City Hall
Cincinnati, Ohio 45202

Dear Members of Council:

We are transmitting herewith an Ordinance captioned as follows:

> **AMENDING** the official zoning map of the City of Cincinnati to rezone the real property located at 3002-3026 Woodburn Avenue in the Evanston neighborhood from the RMX, "Residential Mixed," zoning district to the RM-0.7, "Residential Multi-Family," zoning district to facilitate the construction of a 29-home single-family development.

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> **APPROVE** the proposed zone change from Residential Mixed (RMX) to Residential Multi-family (RM-0.7) at 3002-3026 Woodburn Avenue in Evanston.

Motion to Approve:	Mr. Samad	Ayes:	Mr. Eby
			Ms. McKinney
Seconded:	Mr. Eby		Mr. Samad
			Mr. Stallworth
			Mr. Weber

THE CITY PLANNING COMMISSION

Katherine Keough-Jurs

Katherine Keough-Jurs, FAICP, Director
Department of City Planning and Engagement