



City of Cincinnati

801 Plum Street
Cincinnati, OH 45202

Agenda - Final-revised

Climate, Environment & Infrastructure

Councilmember Meeka Owens, Chairperson
Councilmember Mark Jeffreys, Vice-Chair
Councilmember Jeff Cramerding, Member
Councilmember Seth Walsh, Member

Tuesday, January 28, 2025

10:00 AM

Council Chambers, Room 300

ROLL CALL

AGENDA

1. [202500054](#) **MOTION**, submitted by Councilmembers Walsh, Cramerding, Jeffreys and Owens, **WE MOVE** that the Administration provide a report and presentation to Council evaluating the snow removal plan implemented during the week of January 6, 2025. This report should discuss the positives from the response, lessons learned and identified areas for improvement, creative and innovative solutions to the identified areas of improvement, and funding needs to implement the areas for improvement. (STATEMENT ATTACHED)

Sponsors: Walsh, Cramerding, Jeffreys and Owens
Attachments: [202500054](#)
2. [202500110](#) **MOTION**, submitted by Councilmembers Albi, Owens, and Vice Mayor Kearney, **WE MOVE** that the Department of Transportation and Engineering produce a report within 30 days on the feasibility of creating a residential sidewalk repair pilot program using Cincy on Track funding. (BALANCE ON FILE IN THE CLERK'S OFFICE)

Sponsors: Albi, Owens and Kearney
Attachments: [Motion](#)
3. [202500125](#) **MOTION**, submitted by Councilmember Albi, **WE MOVE** that the Department of Public Services publish a report within 30 days to highlight how the City could leverage Cincy on Track funding to prioritize preventative road maintenance and use sealcoating to minimize the severity of potholes. This report should also highlight strategies that the City has previously employed and/or best practices from other peer cities across the country.

Sponsors: Albi
Attachments: [Motion](#)

PRESENTATIONS

4. [202500148](#) PRESENTATION submitted by Sheryl M. M. Long, City Manager, dated 1/28/2025, regarding the 2024-20025 Winter Maintenance Program.
- Sponsors:** City Manager
- Attachments:** [Transmittal](#)
[Presentation](#)
5. [202500165](#) PRESENTATION submitted by Sheryl M. M. Long, City Manager, dated 1/28/2025, regarding the Resilience Hubs.
- Sponsors:** City Manager
- Attachments:** [Transmittal](#)
[Presentation](#)

ADJOURNMENT



202560054

Seth Walsh
Councilmember

1/14/24

MOTION

To Review the City's Response to Winter Storm Blair and Prepare for Future Major Weather Events

WE MOVE that the Administration provide a report and presentation to Council evaluating the snow removal plan implemented during the week of January 6, 2025. This report should discuss the positives from the response, lessons learned and identified areas for improvement, creative and innovative solutions to the identified areas of improvement, and funding needs to implement the areas for improvement.

STATEMENT

Winter Storm Blair hit Cincinnati the week of January 6th, dropping over 10 inches of snow and ice according to the National Weather Service. The Department of Public Services (DPS) worked tirelessly, with snowplow drivers working alternating 12-hour shifts for days to get the streets cleared to get schools and businesses open following the snowfall.

Now that the storm has passed, we are asking the City to do an after-action look at what went well and what did not in the preparation and response to the snowfall. Particularly, we are asking the Administration to look at the policies regarding the prioritization of residential streets and those surrounding schools and hospitals which prevent them from opening, ensuring all roads get cleared and any capital needs associated with implementing improvements for future major storms.

Some solutions may include reviewing current staffing levels and policies within DPS that makes retaining experienced drivers difficult, exploring collaborations between other departments such as utilizing off duty firefighters to provide additional manpower during major snow or other weather events, exploring share services with Hamilton County, and evaluating and improving the how we track progress on clearing streets of ice and snow including improving the plow tracker and working with the Office of Performance and Data Analytics and 311 Cincy .

Councilmember Seth Walsh

Councilmember Jeff Cramerding

Councilmember Mark Jeffreys

Councilmember Meeka D. Owens



20250110

Anna Albi
Councilmember

January 16, 2025

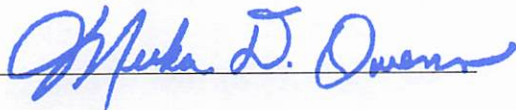
MOTION

We MOVE that the Department of Transportation and Engineering produce a report within 30 days on the feasibility of creating a residential sidewalk repair pilot program using Cincy on Track funding. The report should include the following details:

- Process for how the City could take on the cost of identifying, assessing and repairing residential sidewalks
- Identify several target neighborhoods for the pilot that are underserved and geographically close by to achieve economies of scale for the pilot



Councilmember Anna Albi





01/20/2010

CEI

MEMORANDUM

TO : [Illegible]

FROM : [Illegible]

SUBJECT : [Illegible]

[Illegible text follows]

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[Illegible signature]

[Illegible signature]

City of Cincinnati



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Cincinnati, Ohio 45202

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Email: anna.albi@cincinnati-oh.gov
Web: www.cincinnati-oh.gov

202500125

Anna Albi
Councilmember

January 21, 2025

MOTION

We MOVE that the Department of Public Services publish a report within 30 days to highlight how the City could leverage Cincy on Track funding to prioritize preventative road maintenance and use sealcoating to minimize the severity of potholes. This report should also highlight strategies that the City has previously employed and/or best practices from other peer cities across the country.

Anna Albi

Councilmember Anna Albi

January 28, 2025

To: Members of the Climate, Environment, & Infrastructure Committee

From: Sheryl M.M. Long, City Manager

202500148

Subject: Presentation – 2024-2025 Winter Maintenance Program

Attached is a presentation regarding the Department of Public Services 2024-2025 Winter Maintenance Program.

cc: Cathy Bailey, Interim Assistant City Manager

Jerry Wilkerson, Director of Public Services

Eric Jamison, Chief Performance Officer

Winter Maintenance Program

2024 - 2025

Department of Public Services



Overview

The goal of DPS is to remove snow and ice from our roadways in an efficient and rapid manner. This does not always mean pavement will be bare and dry, but it will be passable. While the severity of each winter storm is unpredictable, DPS will continue to work to maintain the highest level of customer service possible while balancing efficiency in snow and ice control.

The Traffic and Roads Operations Division (TROD) of DPS is responsible for coordinating winter roadway safety for approximately 3112 lane miles. These lane miles consist of thoroughfares, bridges, overpasses, side streets, cul-de-sacs and alleyways.



Snowfall totals: Cincinnati sets record for daily snowfall amount

> BIGGEST TWO-DAY SNOWFALLS IN CINCINNATI

Rank	Date	Total
6.)	MAR 7-8, 2008	10.7"
7.)	JAN 5-6, 2025	10.6"
8.)	MAR 22-23, 1968	10.5"
9.)	FEB 8-9, 2021	9.8"
10.)	DEC 22-23, 2004	9.4"



The National Weather Service reports we got a record snowfall of 4.2 inches today, breaking the old record of 3.5 inches set in 1981. In total, CVG saw 10.6 inches over two days. bit.ly/3DHfHZH

9 FIRST WARNING WEATHER

SNOWFALL UPDATE

10.6" OF SNOW AT CVG

MOST 2 DAY SNOWFALL IN CINCINNATI SINCE...

10.7" MAR 7 & 8, 2008



@NWSILN

[5:11 PM]...Record Daily Maximum Snowfall Set at Cincinnati, OH...

A record snowfall of 4.2 inches was set at Cincinnati on 01/06/25. This breaks the old record of 3.5 inches set in 1981.

This brings Cincinnati's 2-day total to 10.6 inches.

5:12 PM · 1/6/25 · 17K Views



Sheriff McGuffey has declared a Level 2 Snow Advisory for Hamilton County. Roads are HAZARDOUS and icy. Only drive if necessary and use extreme caution. All employees should contact their employer to see if they should report to work. Tune to local media for more info. #CincyWX

Level 2 Snow Advisory

Issued for Hamilton County by Sheriff Charmaine McGuffey

Roadways are HAZARDOUS. Only those...

CINCINNATI BATTLES HISTORIC SNOWFALL: CREWS STEADFAST IN SNOW REMOVAL EFFORTS

By Avery Bennett Published on January 08, 2025



Local News

Cincinnati's first snowfall of 2025 almost breaks 1977 record

91.7 WXU | By Nick Swartzell
Published January 6, 2025 at 12:10 PM EST

9 FIRST WARNING WEATHER ALERT DAY

CLEANUP BEGINS AFTER HISTORIC SNOWFALL

5:59 26° WCPO

> CINCY LEADING THE PACK! > OHIO SNOW TOTALS THIS SEASON

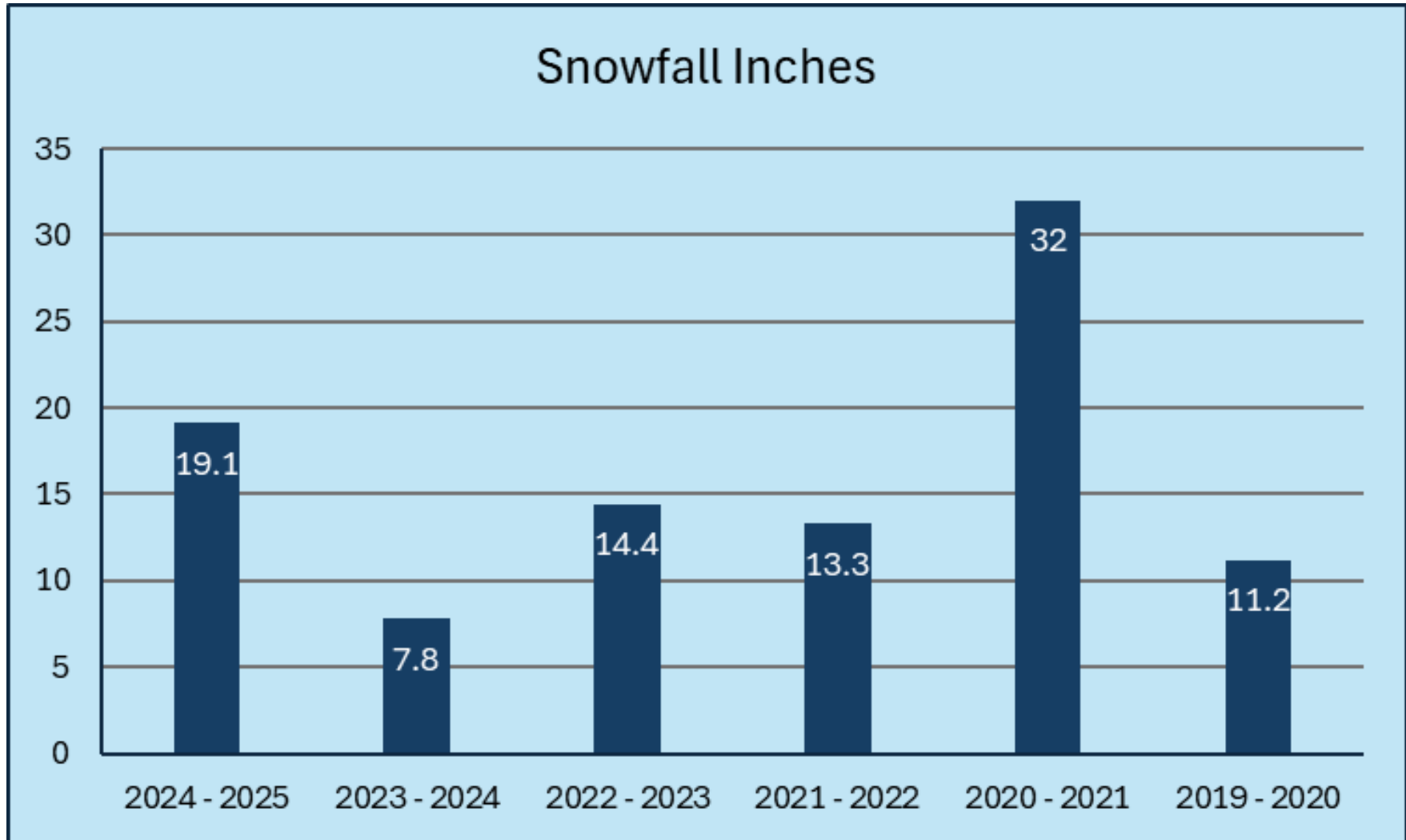
CINCINNATI	16.0"
CLEVELAND	15.1"
AKRON	13.6"
COLUMBUS	7.3"
TOLEDO	2.0"

Heaviest snowfall in a decade is possible as wintry mix blasts across the country

Nation Jan 5, 2025 5:28 PM EST

Cincinnati area deals with one of most memorable snowfalls in recent history

Annual Snowfall Totals



Preparation

Strategic Planning

- Routes
 - *Update route books ensuring each district has 25 binders*
 - *Update Supervisor contact info*
- Materials
 - *Ensuring domes are fully stocked with salt*
 - *Ensuring liquid materials are at full capacity*
- Review of polices and procedures
 - *Completed during classroom training*
- Street Adjustments
 - *Adding any new dedicated streets submitted by DOTE*
- Staffing levels
 - *Ensuring all districts and A & B shift are assigned drivers by Nov 1st*
- Collaboration
 - Cincinnati Public Schools
 - METRO
 - Uptown Consortium
 - DCI
 - City Departments



Preparation

Equipment

- Nov 1st: equipment ready for service
 - *Mechanics continue to repair equipment after snowfall*
- Inventory
 - *Ensuring each district is balanced with necessary snow vehicles and equipment*
- List of repairs
 - *Ensuring there is a reporting mechanism in place to report downed equipment during an active event*
- Plows inspected for damage, cleaned, lubricated and stored

Training

- Snow Removal Procedures
- 5 years or less Training
- Classroom Training
- Cold Stress
- Radio Etiquette
- Power Lines



Winter Operations Methods

- **Goal: Remove snow and ice from the roadways in an efficient and rapid manner.**
- **Anti-icing**
 - Used to prevent the formation or bonding of snow and ice by timely applications of a chemical.
 - Begins with the use of dry, liquid or pre-wetted material such as salt, salt brine and IceBite (beet juice).
 - Crews proactively anti-ice bridges, hills and overpasses
- **De-icing**
 - Used during/after precipitation to assist with the dissolving accumulation.
 - Begins with plowing, using dry or liquid materials, application of heat (friction) or a combination of these practices.

Winter Operations Methods

- **Snow Hauling**
 - When large amounts of accumulation occur, **where plowing is not possible**, snow is hauled. This mainly occurs only in the CBD area.
 - Large equipment such as backhoes and loaders are used to load snow and haul to dump area.
- **Plowing**
 - The most effective practice at removing compacted snow or loose ice before applying chemicals. If pavement and snow are cold and dry, and the tires are not adhering to the pavement, application of chemicals will have an insignificant affect.

Street Priorities

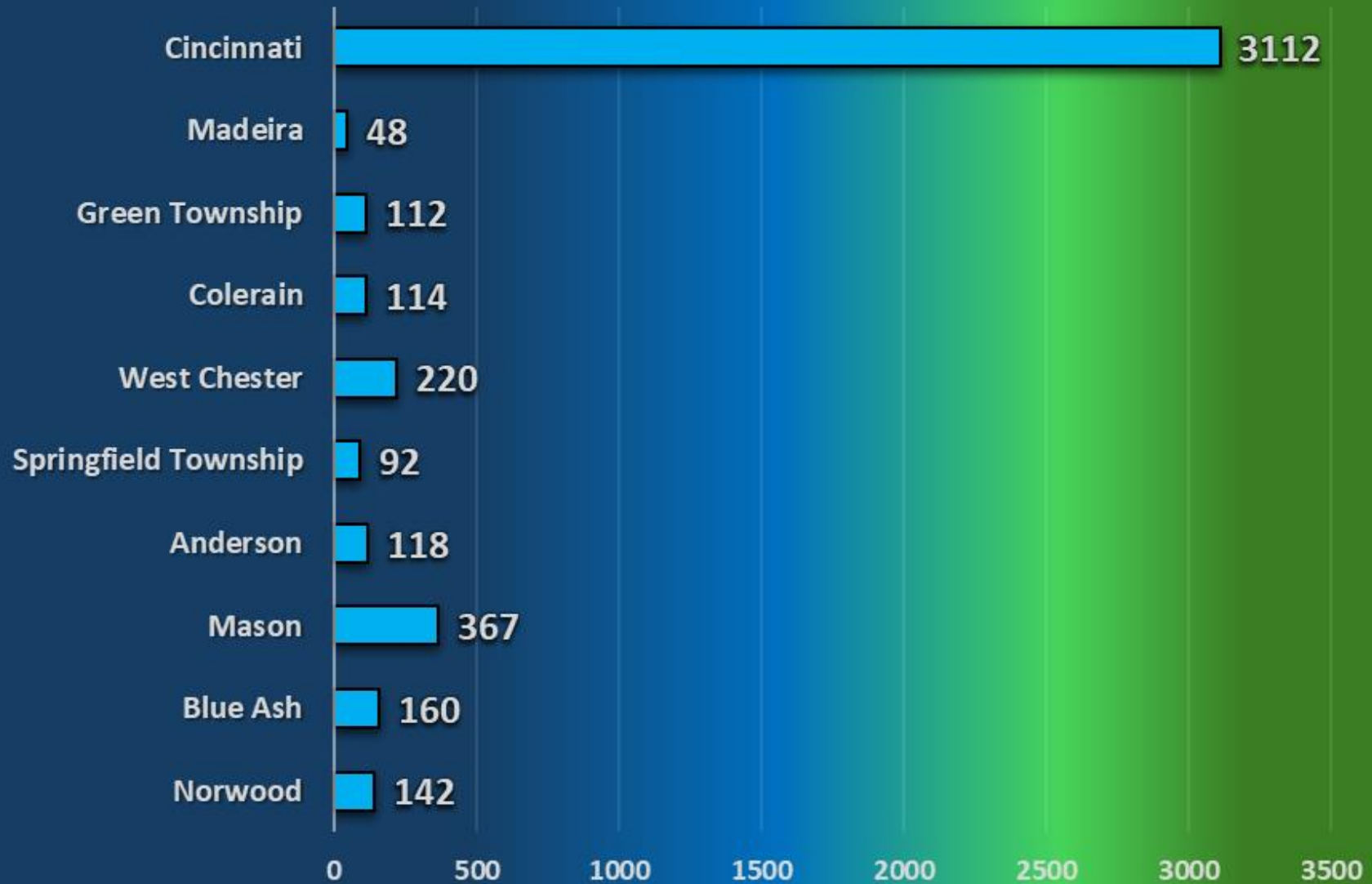
Street prioritizations were developed using the Cincinnati Area Geographic Information System (CAGIS), a division of Enterprise Technology Solutions (ETS) mapping systems. All major arteries, feeders, and alleys are included in the city's snow and ice control plan.

Streets are treated and plowed based on three categories of route priorities: Primary, Residential and Pickup.

- Primary routes include major thoroughfares and hospital routes
- Residential routes are pathways off major thoroughfares and still accessible with larger trucks
- Pickup routes are streets which can only be accessed with smaller trucks

All routes are treated by priority beginning with primary.

Lane Miles Comparison



Equipment

	South	North	East	West
Pickup	4	4	4	4
Contractor Dump	3	1	3	3
Single Axle	11	10	10	10
Tandem	4	3	3	3
Brine	4	4	4	3
Loader	2	1	2	1
Total	27	22	24	23

Additional Equipment supplied by MSD include 4 single axle trucks.



Staffing

- Winter maintenance personnel report to one of four locations strategically throughout the City.
- Personnel for each reporting location are assigned to one of two shifts so that during an event we can operate 24/7 until the need has concluded.
- Each location has a Supervisor and ideally 15 drivers plus a loader operator for each shift.
- Support personnel such as dispatchers and mechanics report to auxiliary locations.
- Winter Night Force (WNF)
 - 25 employees with two Supervisors and one Dispatcher work the night shift from late fall to early spring.
- A & B Shifts
 - Crews split into 2 shifts during major events.
 - A = 7AM – 7PM
 - B = 7PM – 7AM

Winter Operations Staff

- DPS does not have a designated Winter Operations staff.
- Winter Operations staff is pulled from various divisions of DPS and volunteers from various City Departments.
- Staff is taken off their primary assignment during this time.
- Average Years of Experience = 4 years



Assorted Roles of Winter Operations

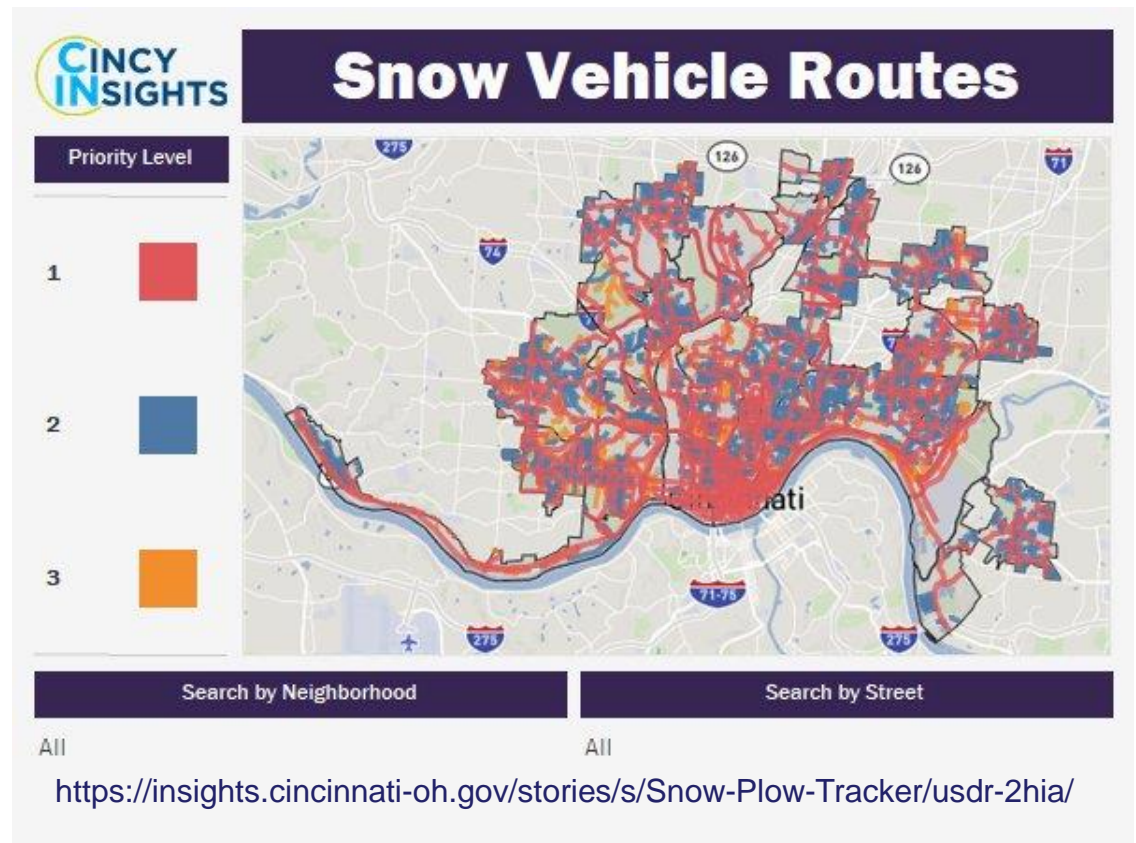
Traffic & Road Operations Division (TROD)	Neighborhood Operation Division (NOD)
Laborer	Laborer
<ul style="list-style-type: none"> • Road Repair – Potholes, Landslides, Stormwater 	<ul style="list-style-type: none"> • Greenspace Maintenance - Cutting
<ul style="list-style-type: none"> • Traffic Control – Painting, Street Closures 	<ul style="list-style-type: none"> • Illegal Encampments - Clean up
<ul style="list-style-type: none"> • Street Signs - Replace and Repair 	<ul style="list-style-type: none"> • Flooding- Clean up
<ul style="list-style-type: none"> • Winter Operations - Plowing & Treating 	<ul style="list-style-type: none"> • Winter Operations - Plowing & Treating



Snow Plow Tracker

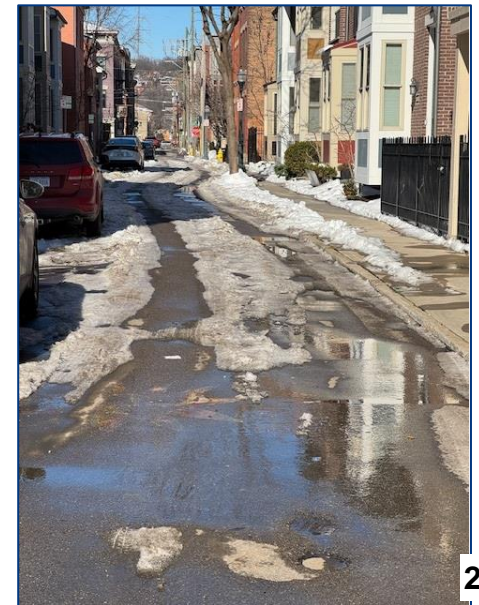
Residents are able to track real-time winter operations data via the CincyInsights Snow Plow Tracker. During winter weather events the interactive website shows:

- Where snow vehicles have already been
- When a vehicle was on a particular street
- The distance covered by snow vehicles since the start of the winter weather event



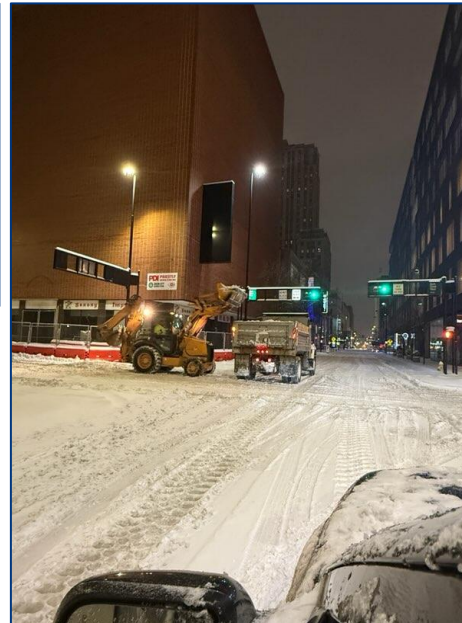
Opportunities for Additional Support

- On Street Parking Messaging and Removal
- Available Assets



Opportunities for Additional Support

- Technology
- Innovation for Geographical Challenges



After Action Review & Next Steps

- City Manager Directed SIET Initiative
- Comprehensive Review and Continuous Improvement effort across all the 3 Phases of Winter Operations: Pre, During, and Post event.
- Scope of work includes:
 - Staffing – Size, scalability, skill sets
 - Resources – DPS/Enterprise Fleet Inventory
 - Command & Control/Technology – See ourselves
 - Communications – Timely, coordinated, consistent

Immediate Opportunities

Staffing

- Activate CDL & non CDL staffing from outside DPS earlier in the event to begin clearing residential streets.

Resources

- Utilization of already equipped vehicles from outside DPS at the onset of operations

Command & Control / Technology

- Implement the piloted OPDA solution leveraging GPS, and SRs to identify challenged areas.

Communications

- Streamlined communications internally and to the public/media.

Additional Opportunities

Staffing

- Identify and implement a strategic, scalable, and adaptive city-wide staffing plan for extreme weather events. Plan will outline mandatory vs voluntary roles & responsibilities and differentiate city response based on extreme event circumstances.

Resources

- Fleet inventory, maintenance planning.

Command & Control / Technology

- Route and street classification reviews, fully automated tracking systems, in vehicle technology, cross-departmental coordination.

Communications

- Coordinated communication plan and public response process for DPS, 311, CPD/Sherriff's Office, Administration & Council. Will cover pre-event, active, and post-event service delivery.

Updated Enterprise playbook with a comprehensive plan of action for extreme weather emergencies, clear roles and responsibilities, defined expectations.

Questions?

city of
CINCINNATI
PUBLIC SERVICES



January 28, 2025

To: Members of the Climate, Environment & Infrastructure Committee

From: Sheryl M.M. Long, City Manager

202500165

Subject: Presentation – Resilience Hubs

Attached is a presentation regarding the Resilience Hubs .

cc: Oliver Kroner, Director, Office of Environment & Sustainability

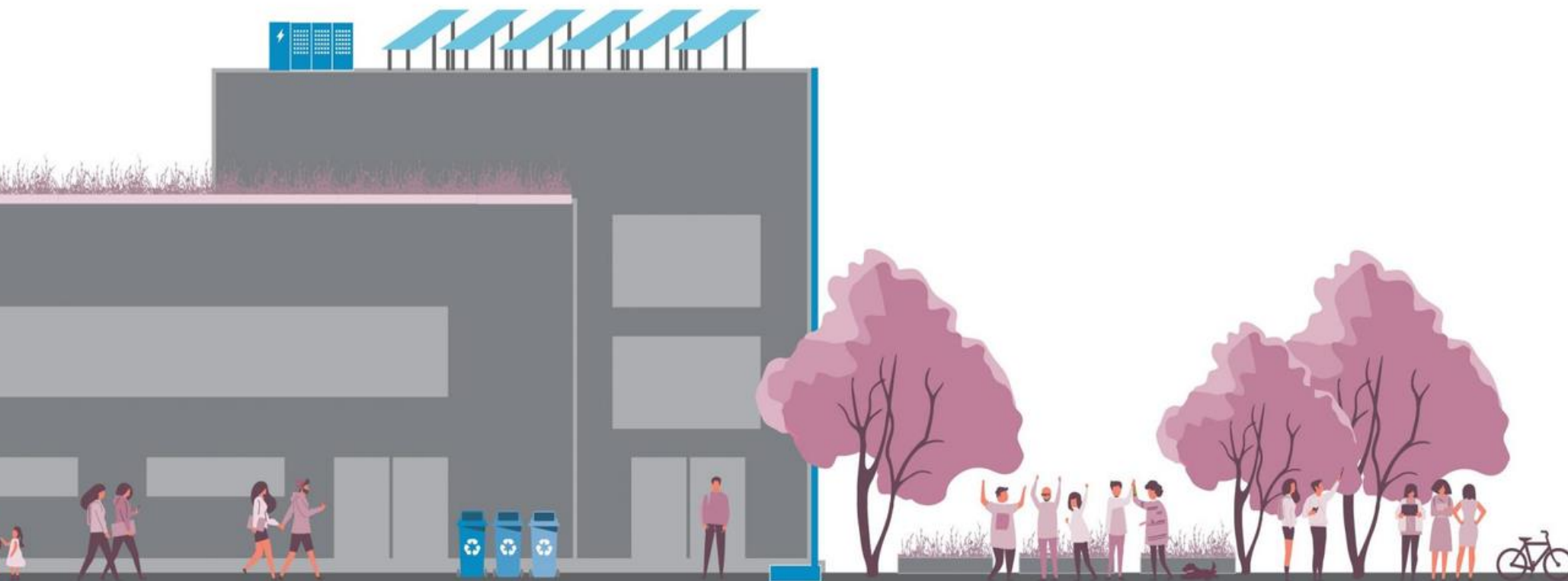
Howard Miller, Environmental Manager, Office of Environment & Sustainability

Deanna White, Director, Office of Human Services



Resilience Hubs

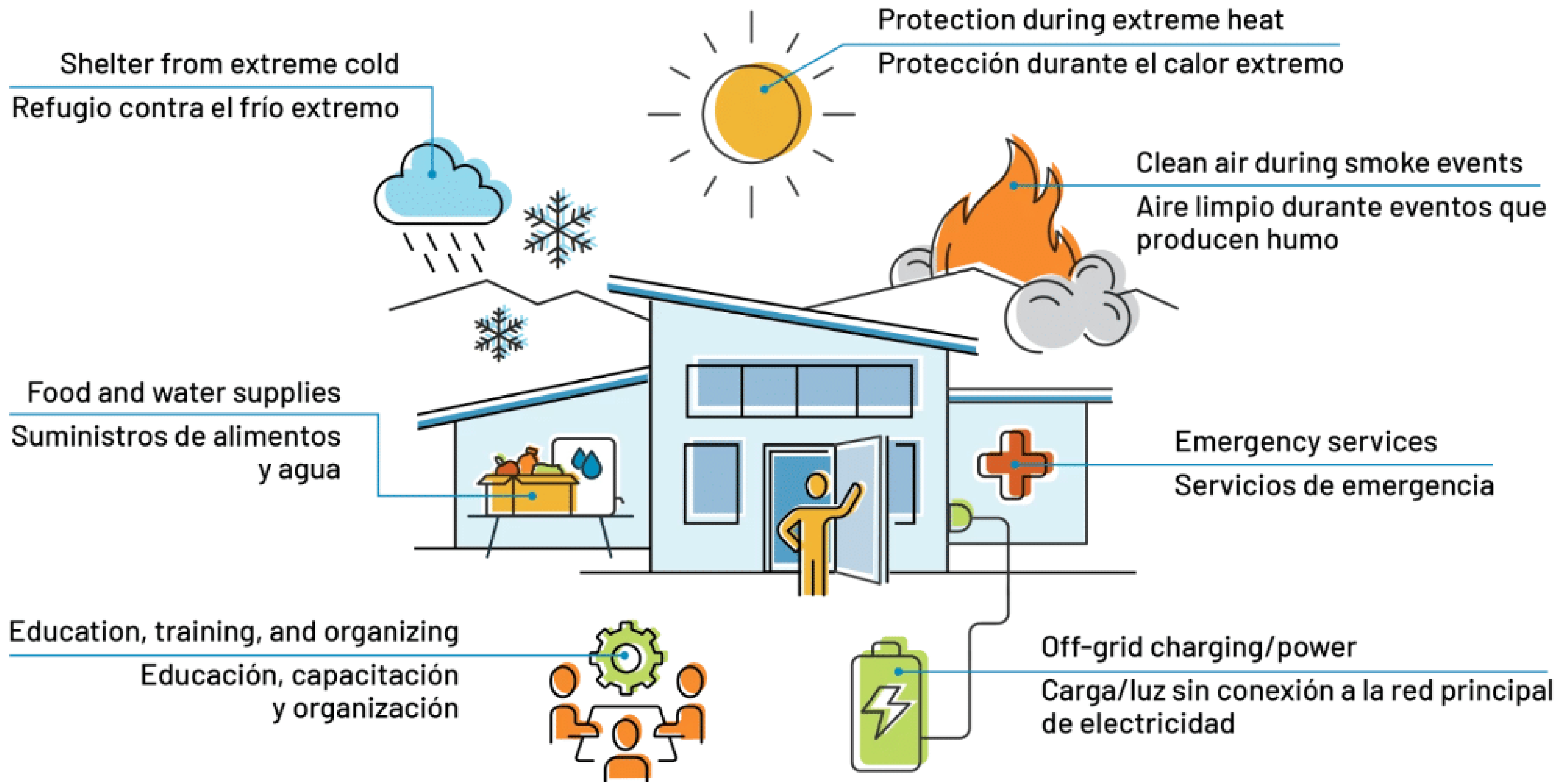
Update for Climate, Environment &
Infrastructure Committee
January 28, 2025



Resilience hubs are **community-focused facilities that enhance residents' resilience**, emergency preparedness, and health.

Resilience hubs offer emergency services, like shelter, power, communication, food, and water during disasters and provide resources and programming during everyday operations.

These hubs **ensure vulnerable populations have equitable access to resources** and can recover from disasters.



Urban League Resilience Hub Project

The Office of Environment & Sustainability is working with the **Urban League** and **Groundwork ORV** to:

- conduct a community engagement process to **co-create a Resilience Hub in Avondale** and
- complete an **energy audit** with solar array/battery assessment at the Urban League's facility.

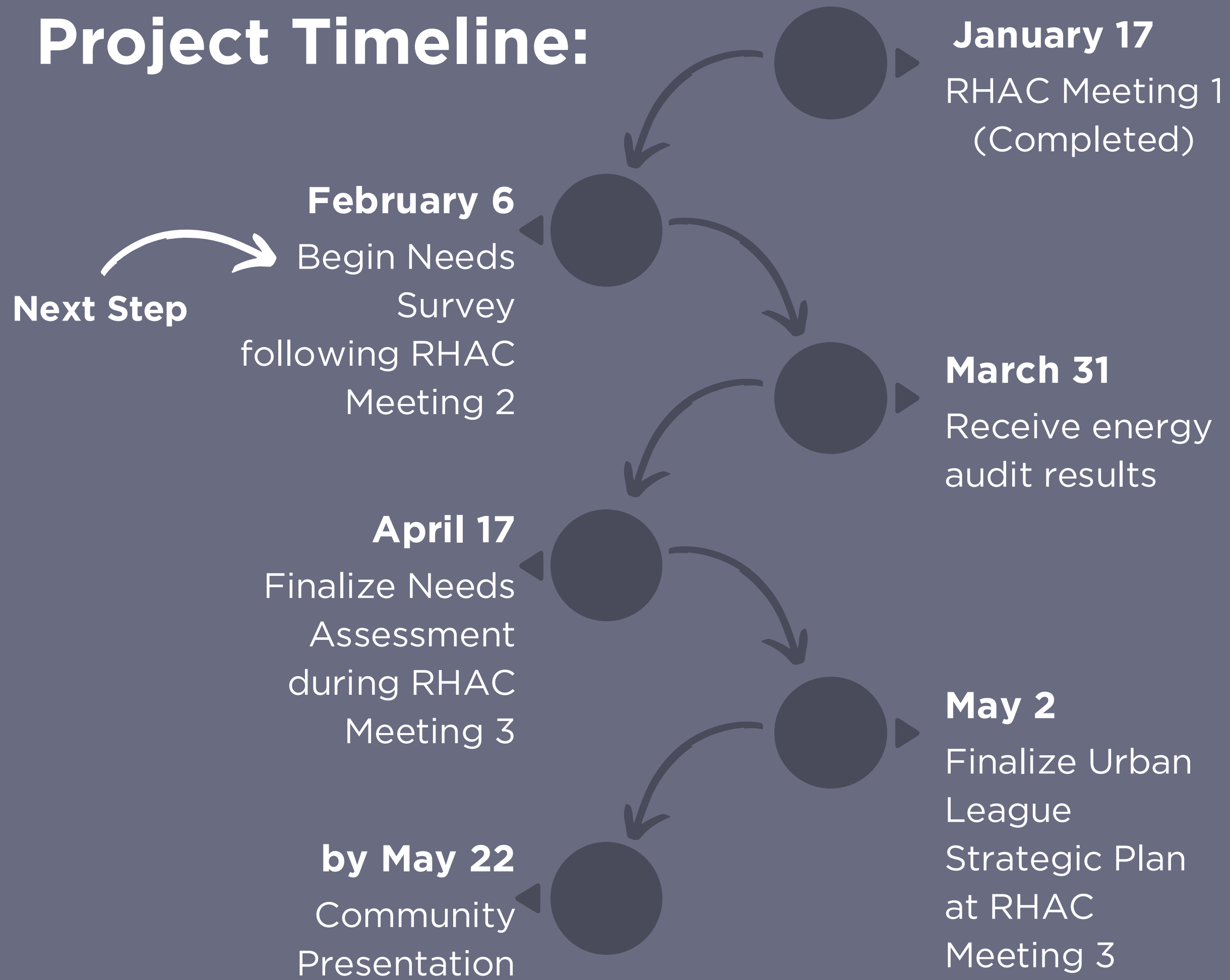
This project is **grant funded** through the **Urban Sustainability Directors Network (USDN)**.



Project Deliverables

- **Resilience Hub Advisory Committee (RHAC)**
 - Includes Avondale residents and members of the Avondale Community Council
- **Avondale Community-Wide Needs Assessment**
 - Based on a Needs Survey to be co-created by project team and RHAC
- **Energy audit** of the Urban League's facility with a solar and battery assessment
- **Urban League Resilience Hub Strategic Plan**
 - Outlines next steps for Resilience Hub establishment at the Urban League facility

Project Timeline:



Moving Forward:

- **Based on initial RHAC input**, prioritize:
 - Trauma awareness
 - Tenant advocacy and education
 - Connecting people and resources
 - Building trust
- Conduct a **Needs Survey**
- **Share information** about Resilience Hubs



Potential Future Resilience Hub Locations

- MOU with CRC to work toward resilience hub tenets
- CRC already home to much community resilience programming – warming & cooling stations
- Three CRC buildings currently have solar installations
 - College Hill
 - Evanston
 - Millvale
- City will RFP for battery backup at these locations in 2025



Cold Weather

**OTR Warming Hub
Daily Activation:**

1. CFD EOC
Advanced
Notice

12. 3CDC
GeneroCity513
- Cleanup Crew

11. Kroger -
Food
Donations

10. Foundhouse
Pet Program -
Dog Food

9. Greater
Cincinnati
Behavioral
Health - Drop
In Caseworkers

8. CPD - 2 Officers/
3 Shifts Daily

7. LaSoupe -
Dinner Meals

6. Our Daily
Bread - Lunch
Meals

5. City -
Breakfast Meals

4. Metro Bus
Service - to and
from overnight
shelters

3. City
Administration
and CRC
Leadership
Coordination

2. Expanded
Hours



Climate Safe Neighborhoods

- 6-week workshops with citizens who are paid to offer their community expertise on climate change impacts in their neighborhood
- Elevate community needs and priorities
- Build relationships and trust and a better understanding of how to work together
- Empower community to take advantage of government and community programs
- Inspire and train climate advocates

