

March 16, 2022

To: Mayor and Members of Council 202200604

From: John P. Curp, Interim City Manager

Subject: Department of Transportation and Engineering – 2020 Infrastructure Condition Reports

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Hereby submitted is the Department of Transportation and Engineering's (DOTE) infrastructure condition reports for 2020. The list of submitted reports is as follows:

- 2020 Bridge Condition Report Summary (the full report is filed with the Clerk of Council)
- 2020 Pavement Condition Report
- 2020 Traffic Engineering Condition Report
- 2020-2021 Retaining Wall and Landslide Condition 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 FY20-21 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.

Over the past three years DOTE has applied for more than 70 individual grants and funding was awarded for over 60 percent of the applications. The department has an excess of 169

percent return-on-investment, thereby leveraging capital funds as the local match for these grants. The result of these efforts is the addition of greater than \$44.5M for improvements to our aging infrastructure outside of budgeted resources since 2019.

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. DOTE anticipates utilizing any future increases in our capital budget to obtain Federal Infrastructure grants.

## **SUMMARY**

DOTe has talented employees that are skilled in finding ways to maximize funding and stretch resources when addressing our immense infrastructure needs. The availability of outside funds including local, state, and federal grants are potential sources that will be evaluated to 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 – 2020 Bridge Condition Report

Attachment II – Pavement Condition Report

Attachment III –Traffic Engineering Condition Report

Attachment IV – 2020-2021 Retaining Wall and Landslide Report

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