

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

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