



City of Arts & Innovation

City Council Memorandum

TO: HONORABLE MAYOR AND CITY COUNCIL **DATE: FEBRUARY 27, 2018**
FROM: PUBLIC WORKS DEPARTMENT **WARDS: ALL**
SUBJECT: PAVEMENT MANAGEMENT PLAN UPDATE

ISSUE:

Receive and file a progress update including a video presentation on the Pavement Management Plan Update.

RECOMMENDATION:

That the City Council receive and file the Pavement Management Plan Update.

BACKGROUND:

In 2008, the City prepared a Pavement Management Plan (PMP), which established the Pavement Condition Index (PCI) for all streets in the City. Utilizing this information as a guide, the City invested funds each year for pavement preservation and restoration from 2008 to 2012 on a pay as you go basis completing approximately 20 miles per year. Unfortunately, due to lack of funding, the PMP was not actively maintained on a yearly basis and eventually the data became outdated.

In 2012, City Council approved issuing funds with Certificates of Participation backed by the City's Measure A revenues to provide an extensive pavement program between 2012 and 2016. The City eventually obtained \$38 million and combined with other annual funds, the City repaved 33.7 miles of arterial highways and 69.5 miles of local roads with 76.2 miles of preservation.

On December 20, 2016, City Council approved an agreement with IMS Infrastructure Management Services (IMS) to complete a Pavement Management Plan Update. IMS was procured to update the existing pavement management database to include the recently completed pavement maintenance work, update the PCIs for all streets, provide a recommended systematic pavement analysis cycle moving forward, determine maintenance and rehabilitation strategies, and provide budgetary recommendations to maintain and improve overall PCI levels.

DISCUSSION:

To date, IMS has completed the pavement management surveys for the entire roadway network and has determined all the current associated PCI scores. IMS utilized an array of technical equipment and vehicles to determine the existing pavement conditions. The collected pavement

data will be uploaded and analyzed utilizing our new pavement management software named Lucy. Lucy is an effective tool to assist the City with the best pavement management strategies and corresponding budget recommendations.

The final baseline report prepared by IMS with input by City Engineering staff will soon be completed and presented to City Council by June 2018. Moving forward, the PMP will be maintained on a continual basis in order to provide the City with the most updated information needed to make effective pavement management decisions.

For informational purposes, staff has prepared the attached video presentation, which describes the Pavement Management Program and associated components.

FISCAL IMPACT:

There is no fiscal impact associated with this update.

Prepared by: Kris Martinez, Public Works Director
Certified as to
availability of funds: Adam Raymond, Chief Financial Officer/Treasurer
Approved by: Al Zelinka, FAICP, Assistant City Manager
Approved as to form: Gary G. Geuss, City Attorney

Attachment: Presentation