



DATE: May 23, 2017

CATEGORY: Consent

DEPT.: Public Works

TITLE: **2016-17 Street Resurfacing and Slurry Seal Program, Project 17-01 – Approve Plans and Specifications/ Authorize Bids**

RECOMMENDATION

1. Appropriate and transfer \$262,000 from Annual Traffic Studies/NTMP Improvements, Project 17-15, to 2016-17 Street Resurfacing and Slurry Seal Program, Project 17-01. (Five votes required)
2. Approve plans and specifications for 2016-17 Street Resurfacing and Slurry Seal Program, Project 17-01, and authorize staff to advertise the project for bids.
3. Authorize the City Manager to award the construction contract to the lowest responsible bidder if the low bid is within the project budget.

BACKGROUND

Each year, the Public Works Department undertakes preventive maintenance of City streets through the annual street resurfacing and slurry seal programs. These programs reduce the overall cost of street maintenance by extending the pavement's service life and preventing the need for more costly patching or reconstruction.

Street resurfacing typically involves spreading a 1" to 2" layer of asphalt over the existing surface every 15 to 20 years. Slurry sealing involves applying a thin coat of liquid asphalt and fine aggregate mixture to the surface of smaller (residential and collector) streets at approximately 8- to 10-year intervals while the structural integrity of the street is intact. With both methods, localized failures of the existing pavement surface are repaired prior to spreading the asphalt or slurry seal. Streets are selected for resurfacing or slurry seal each year based on pavement condition and field assessments.

ANALYSIS

On March 21, 2017, the City Council approved plans and specifications for Annual Traffic Studies/NTMP Improvements, Project 17-15, and authorized staff to advertise the project for bids. This project proposes to install traffic-calming devices such as a raised, high-visibility crosswalk on Rose Avenue and raised, high-visibility crosswalks with Rectangular Rapid Flashing Beacon (RRFB) warning lights on Cuesta Drive; bulb-outs at the existing midblock signalized crossing along Cuesta Drive; and a narrow median island at Cuesta Drive and Springer Road. The estimated project cost for these improvements is \$262,000, and construction was scheduled to begin in June 2017 and be completed by August 2017.

In the Final Citywide Pavement Management Program Report completed recently, the segment of Cuesta Drive between Miramonte Avenue and Springer Road is identified as a candidate for asphalt resurfacing in late summer 2017 or spring 2018. Staff recommends combining the scope of work for the two projects to take advantage of the economy of scale of a larger project and to reduce construction impacts to the adjacent neighbors. As part of the paving project, the street will be reconfigured to meet ADA (Americans with Disabilities Act) requirements and include the installation of ADA curb ramps at the end of the raised crosswalks.

The other streets selected for resurfacing and slurry seal are shown in Attachment 1 – Street Improvement List. Plans and specifications for the project are available for viewing in the Public Works Department.

If the recommended actions are approved, construction is expected to begin in July 2017 and be complete in October 2017.

FISCAL IMPACT

2016-17 Street Resurfacing Program, Project 17-01, is funded with \$1,539,000 from the Construction/Conveyance Tax (\$954,000) and Gas Tax (\$585,000) Funds. Annual Traffic Studies/NTMP Improvements, Project 17-15, is currently funded with \$307,500 from the Construction/Conveyance Tax Fund. After transferring \$262,000 from Annual Traffic Studies/NTMP Improvements, Project 17-15, the proposed funding of Project 17-01 will be \$1,801,000.

The total estimated project cost is as follows:

Construction (including contingency)	\$1,444,000
Crack Seal (by staff)	30,000
Pavement Base Repair (by staff)	25,000
Engineering and Design	90,000
Inspection and Testing	86,000
Miscellaneous	<u>10,000</u>
Subtotal	1,685,000
City Administration @ 6.5%	<u>110,000</u>
TOTAL PROJECT COST	<u>\$1,795,000</u>

ALTERNATIVES

1. Bid and construct the projects separately.
2. Select other candidates for street improvements.
3. Provide other direction.

PUBLIC NOTICING

Agenda posting. Staff will provide notification of work to affected residents prior to construction.

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QT/TS/7/CAM
928-05-23-17CR-E

Attachment: 1. Street Improvement List

cc: PCE – Au, PCE – Macaraeg, AE – Tran, AAI – Goedicke, SLCM, SS – Gonzales,
F/c