



DATE: March 6, 2018

CATEGORY: Consent

DEPT.: Public Works

TITLE: **2017-18 Street Resurfacing and Slurry Seal Program, Project 18-01 – Approve Plans and Specifications/ Authorize Bids**

RECOMMENDATION

1. Approve plans and specifications for 2017-18 Street Resurfacing and Slurry Seal Program, Project 18-01, and authorize staff to advertise the project for bids.
2. 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 each year based on condition, overlay history, and timing of other improvements, such as underground utility installation, street improvements by developers, and other factors.

ANALYSIS

Streets selected in this year's project are shown in Attachment 1 – Street Improvement List. All streets in the project this year were selected for slurry seal treatment. Potential candidates for street resurfacing have conflicts with either private developments or

underground utilities projects and will be included in an upcoming street resurfacing project as soon as the conflicting work is complete. The project will also include installation of 10 speed humps, four ADA compliant curb ramps, and 5,000 tons of asphalt pavement base repairs. Plans and specifications for the project are available for viewing in the Public Works Department.

On July 27, 2017, the City entered into an agreement to reimburse Los Altos to slurry seal portions of Grant Road and El Monte Avenue within the Mountain View City limits at an estimated cost of \$160,000. This work will be managed by the City of Los Altos and is not part of the recommended plans and specifications.

If the recommended actions are approved, construction is expected to begin in May 2018 and be complete in July 2018.

FISCAL IMPACT

2017-18 Street Resurfacing Program, Project 18-01, is funded with \$2,018,300 from the Construction/Real Property Conveyance Tax (\$973,000) and Gas Tax (\$1,045,300) Funds.

The total estimated project cost is as follows:

| | |
|---------------------------------------|--------------------|
| Construction (including contingency) | \$1,475,000 |
| Crack Seal (by staff) | 30,000 |
| Pavement Base Repair (by staff) | 30,000 |
| Engineering and Design | 100,000 |
| Inspection and Testing | 100,000 |
| Miscellaneous | <u>3,000</u> |
| Subtotal | 1,738,000 |
| City Administration @ 6.5% | <u>113,000</u> |
| Subtotal | \$1,851,000 |
| Encumbrance for the City of Los Altos | <u>160,000</u> |
| TOTAL PROJECT COST | <u>\$2,011,000</u> |

ALTERNATIVES

1. Select other candidates for street improvements.
2. 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/2/CAM
928-03-06-18CR-E

Approved by:

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Public Works Director

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Attachment: 1. Street Improvement List

cc: APWD – Solomon, PCE – Au, PCE – Macaraeg, SCE – Chang, AE – Tran, AAI – Goedicke, SS – Gonzales, AAI – Doan, cmvgis@mountainview.gov, File