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Staff Report for a City of San Leandro City Council Resolution to Accept the Work for the Annual Street Sealing 2017-18 Project, Project No. 2018.0070

SUMMARY AND RECOMMENDATIONS

This \$2.3 million dollar project installed pavement surface sealing treatments to preserve and prolong the useful pavement life on approximately 15.2 street lane miles, three parking lots at City parks, and Fire Station No. 13's parking lot. The project also installed forty-nine concrete curb ramps to meet current accessibility standards at locations within the street sealing work areas.

Staff recommends the following actions:

- Accept the work by American Pavement Systems, Inc.;
- Authorize the City Manager to file the Notice of Completion;
- Release the performance and payment bonds; and
- Release the maintenance bond upon successful completion of the one-year maintenance period.

BACKGROUND

Street sealing is an annual maintenance activity that can prolong the useful life of existing pavement up to ten years, depending on the treatment and significantly lower the overall life-cycle cost for maintaining our streets. The treatments associated with this project include slurry sealing, asphalt rubber chip sealing, and micro-surfacing. These treatments involve the application of one or more layers of rock chips, crumb rubber chips produced by recycling used tires, and asphalt binders. The particular process is individually selected for each street based on the pavement condition.

Forty-nine curb ramps within the street sealing work areas were upgraded to comply with current Americans with Disabilities Act (ADA) standards.

The City was awarded a grant from CalRecycle in March 2017 for the use of recycled crumb rubber chips in the rubberized chip seal process and will be reimbursed at a rate of \$1.00 per square yard of roadway where that process was applied on this project. The City will be reimbursed \$80,004 from the grant for this project and the efforts diverted approximately 5,280 waste tires from California landfills.

Each year work is performed in one of the City's four maintenance areas. This year streets within the eastern maintenance quadrant of San Leandro were evaluated for work. Priority was given to streets with the lowest pavement condition index that had not deteriorated to the point that replacement was required. The project installed approximately 6.7 lane miles of slurry seal and approximately 8.5 lane miles of cape seal.

The successful completion of this project extended the useful life of 44 street segments of 15.5 lane miles and four (4) city owned parking lots and installed 49 curb ramps to meet current standards.

Analysis

Construction is complete. The work was inspected and found in compliance with the contract documents and City standards.

Current Agency Policies

- Maintain and enhance San Leandro's infrastructure.

Previous Actions

- On July 16, 2018, by Resolution No. 2018-079, the City Council awarded a contract for construction of the work to American Pavement Systems, Inc. for the Annual Street Sealing 2017-18 Project.
- On October 15, 2018, by Resolution No. 2018-129, the City Council Authorized the City Manager to increase the Cumulative Contract Change Orders to 25% of the Original Contract Amount for Expanding the Limits of Work, and appropriation of additional \$185,000 of Gas Tax Funds

Applicable General Plan Policies

- **Transportation Goal T-2** Design and operate streets to be safe, attractive, and accessible for all transportation users whether they are pedestrians, bicyclists, transit riders or motorists, regardless of age or ability.
- **Transportation Goal T-3** Promote and accommodate alternative, environmentally-friendly methods of transportation, such as walking and bicycling.
- **Transportation Goal T-5** Improve major transportation arteries for circulation in and around the City.

Environmental Review

This project is categorically exempt from CEQA review per CEQA Guidelines section 15301(c). The Notice of Exemption was filed with the Alameda County Recorder on November 27, 2017.

Summary of Public Outreach Efforts

- The Notice to Bidders was published in the Daily Review, the South County Post, Vision Hispana and Sing Tao.
- Notices were issued to twenty-three builders' exchanges and construction data firms as well as a list of contractors that have asked to be notified of bidding opportunities via email.
- The project was described on the Engineering and Transportation Department website.
- Prior to construction, staff notified residents residing on the streets included in the project of the project schedule. The contractor also provided notifications to properties adjacent to the work area via door hangers immediately before the work started.

Fiscal Impacts

The total cost of the Annual Street Sealing 2017-18 Project, was \$2,330,842, which included design, construction management, inspection, and construction of the improvements.

A summary of the construction contract with American Pavement Systems, Inc. is listed below:

Original Contract:	\$ 1,894,316
Change Orders:	<u>\$ 258,624</u>
Total Contract Amount:	\$ 2,152,940

Budget Authority

<u>Account No.</u>	<u>Source</u>	<u>FY/Approp Date.</u>	<u>Amount</u>
143-38-381	Vehicle Registration Fees	FY16-17	\$156,000
144-38-393	Measure B	FY17-18	\$1,850,000
210-62-122	General Fund	FY17-18	\$124,000
150-38-404	Cal Recycle Grant	FY17-18	\$80,004
140-38-393	Gas Tax	FY18-19	\$185,000
210-18-139	General Fund	FY18-19	\$2,000
593-52-266	WPCP Enterprise Fund	FY18-19	\$25,850
140-31-056	Gas Tax	FY18-19	\$180,000
Total Project Appropriation:			\$2,602,854

Attachments to Staff Report

- Annual Street Sealing 2017-18 Project Photos
- Annual Street Sealing 2017-18 Map & Street List Exhibit

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