



City of San Leandro

Meeting Date: February 3, 2020

Staff Report

File Number: 20-001 **Agenda Section:** CONSENT CALENDAR

Agenda Number: 8.C.

TO: City Council

FROM: Jeff Kay
City Manager

BY: Keith Cooke
Engineering & Transportation Director

FINANCE REVIEW: Liz Warmerdam
Interim Finance Director

TITLE: Staff Report for a City of San Leandro City Council Resolution to Accept the Work for the Annual Street Sealing 2018-19 Project, Project No. 2019.0070

SUMMARY AND RECOMMENDATIONS

This \$2.8 million dollar project installed pavement surface sealing treatments to preserve and prolong the useful pavement life on approximately 19.2 street lane miles.

Staff recommends the following actions:

- Accept the work by American Pavement Systems, Inc.;
- Authorize the City Manager to file the Notice of Completion;
- Authorize the City Manager to release the performance and payment bonds; and
- Authorize the City Manager to 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.

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 \$70,000 from the grant for this project and the efforts diverted approximately 6,906

waste tires from California landfills.

Each year work is performed in one of the City's four maintenance areas. This year streets within the western 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. Those projects are done through the Annual Streets Overlay program (roughly \$10 million in Fiscal Year 2018-19). The project installed approximately 9.0 lane miles of slurry seal and approximately 10.25 lane miles of cape seal.

The successful completion of this project extended the useful life of 42 street segments. Additionally, under a separate construction contract, eighty-one curb ramps, within the street sealing work areas, were upgraded to comply with current Americans with Disabilities Act (ADA) standards.

Analysis

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

The Contractor was unable to achieve the stated goals of the Community Workforce Agreement (CWA). The contractor requested workers from local Union Halls but with sparse results, attracting 2% of the workforce from San Leandro and 5% from within Alameda County. While the contractor could not meet the CWA goals, the contractor provided sufficient documented evidence of good faith efforts.

Current Agency Policies

- Maintain and enhance San Leandro's infrastructure.

Previous Actions

- On July 1, 2019, by Resolution No. 2019-113, the City Council awarded a contract for construction of the work to American Pavement Systems, Inc. for the Annual Street Sealing 2018-19 Project in the amount of \$1,720,000

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 March 3, 2019.

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 project cost is \$2,795,000, as follows:

Design and Bid:	\$55,000
Construction Contract:	\$1,720,000
<u>Construction Management and Inspection:</u>	<u>\$120,000</u>
Sub-total:	\$1,895,000
<u>Curb Ramp Upgrade Work (Awarded Separately)</u>	<u>\$900,000</u>
Project Total	\$2,795,000

Change Order Summary

Change Order limit authorized at contract Award: 15% (or \$258,130)

<u>CCO No.</u>	<u>Description</u>	<u>Amount</u>	<u>%</u>
1.0	quantities, for City of seal treatments conditions, and differences measured quantities	\$ 49,654	3%
		added scope, partial revision due to re-evaluated field between bid and installed	
2.1	chip seal to slurry	\$ (105,279)	-6%
		seal	
2.2	bike lanes on Alvarado	\$ 50,791	3%
		Street	
3.1	made to pavement striping	\$ 10,175	1%
		Additions and revisions	

3.2	quantities; actual measured	after review of field layouts Decrease in measured \$ (5,100) 0% quantities were lower than
	quantities estimated at	
3.3	quantities; actual measured	bidding Decrease in measured \$ (2,000) 0% quantities were lower than
	quantities estimated at	
	(1,759)	bidding Change Order Total \$ 0%

Budget Authority

<u>Account No.</u>	<u>Source</u>	<u>FY/Approp Date</u>	<u>Amount</u>
140-38-393	Gas Tax	FY18-19	\$42,000
144-38-393	Measure B Streets	FY17-18	\$258,000
141-38-402	Measure BB Streets	FY18-19	\$2,130,000
142-38-402	Gas Tax (Sec. 2103)	FY18-19	\$350,000
143-38-402	Vehicle Registration Fees	FY18-19	\$400,000
150-38-402	Cal Recycle Grant	FY18-19	\$70,000
Total Project Appropriation:			\$3,250,000

Attachments to Staff Report

- Annual Street Sealing 2018-19 Project Photos
- Annual Street Sealing 2018-19 Map & Street List Exhibit

PREPARED BY: John O'Driscoll, Associate Engineer, Engineering and Transportation Department



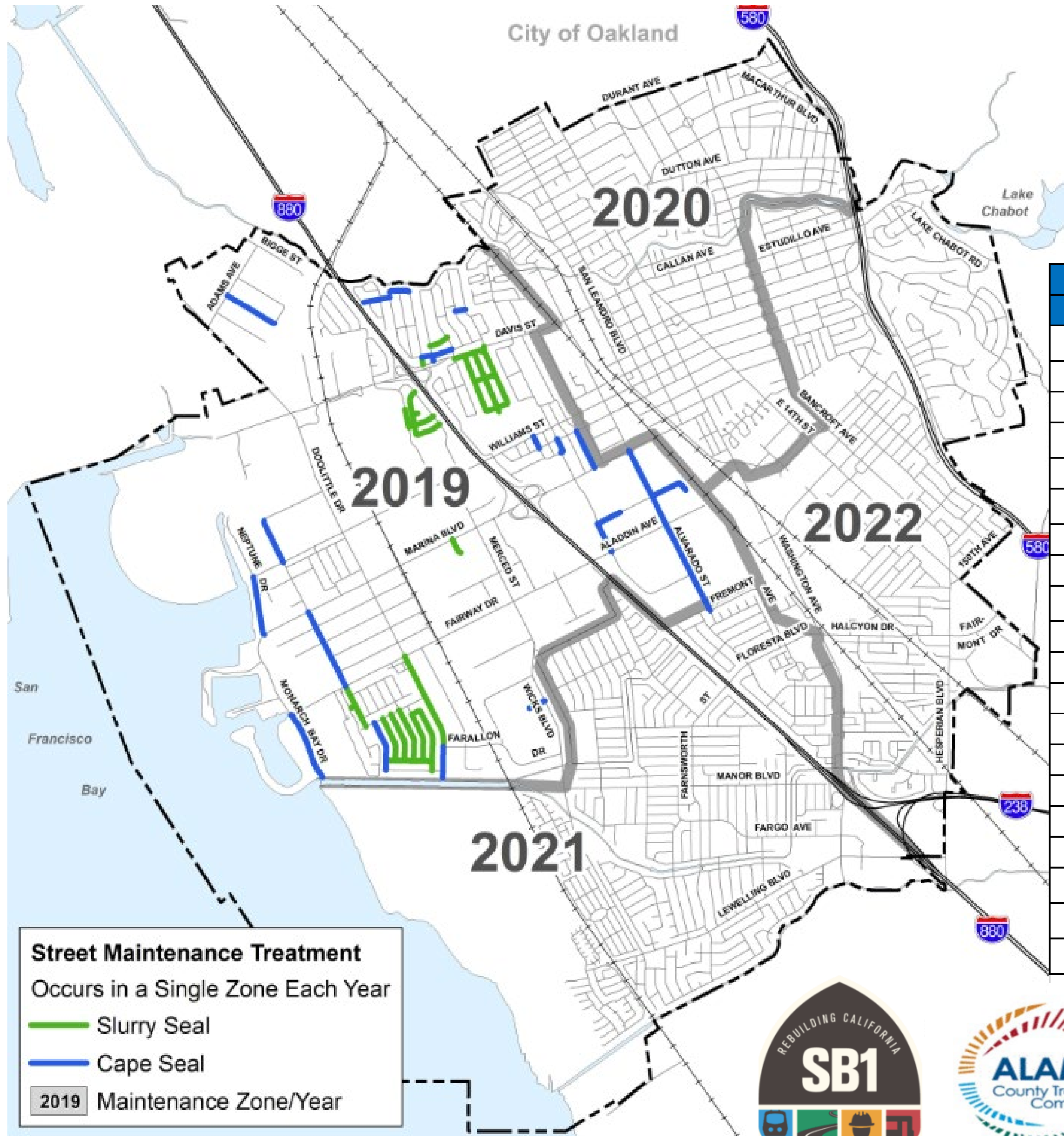
COMPLETED SLURRY SEAL ON PIERCE AVENUE



COMPLETED CAPE SEAL WITH NEW CLASS IV BIKE LANES ON ALVARADO STREET

ANNUAL STREET SEALING 2017-18, PROJECT NO. 2019.0070

Annual Street Sealing Project 2018-19 - \$3.3M



Cape Seal Locations			Slurry Seal Locations		
Street Name	Begin Location	End Location	Street Name	Begin Location	End Location
Acapulco Rd	Bermuda Av	Belvedere Av	Amy St	Pierce Av	Kelly Av
Alvarado St	Marina Bl	Fremont Av	Aurora Dr	Fairway Dr	Bermuda Av
Aurora Dr	Polvorosa Av	Williams St	Billings Bl	Martin St	Dead End S (soundwal)
Aurora Dr	Marina Bl	Fairway Dr	Bodega Way	Aurora Dr	West Dead End
Campbell Av	Williams St	Castro St	Charles Rd	Donovan Dr	Frederick Rd
Donovan Dr	Virginia St	S end (soundwal)	Charlotte Av	Marybelle Av	Timothy Dr
Doolittle Dr	Farallon Dr	ACFC Channel (dead-end)	Davis Frontage Rd	Gilmore Dr	Pierce Av
Jean Wy	Arthur Av	Douglas Dr	Doolittle Dr	Fairway Dr	Farallon Dr
Monarch Bay Dr	Fairway Dr	Flood Channel Gate	Driftwood Wy	Acapulco Rd	Tiburon Rd
Montegue Av	Teagrden St	SPRR Xing	Kelly Av	Davis St	Navy St
Montegue Av	Alvarado St	E to end (SPRR Xing)	Maracaibo Rd	Bermuda Av	Driftwood Wy
Neptune Dr	Williams St	Marina Bl	Marybelle Av	Charlotte Av	Timothy Dr
North Bl	Martin Bl	Billings Bl	Nassau Rd	Bermuda Av	Driftwood Wy
Pacific Av	Castro St	Marina Bl	Navy St	Pierce Av	Kelly Av
Pike Av	373' w/o Wicks Bl	Wicks Bl	Pierce Av	Davis St	Navy St
Reynolds Av	Martin Bl	White Fir Ln	Santiago Rd	Bermuda Av	Driftwood Wy
Teagrden St	Aladdin Av	Montegue Av	Tiburon Rd	Maracaibo Rd	Belvedere Av
Virginia St	Martin Bl/ Billings Bl	Frederick Rd	Trinidad Rd	Bermuda Av	Driftwood Wy
Wayne Av	Castro St	Linton Av	Vema Ct	Marina Bl	S to end (cul-de-sac)
Whitney St	Adams Av	Edison Av	Vestal Ct	Marybelle Av	E to end (cul-de-sac)
			Wainwright Av	Davis St	S to end (s/ o Navy St)
			Wallace Ave	Marybelle Av	Timothy Dr
			Westgate Pkwy	Home Depot Ent	Walmart Dwy





City of San Leandro

Meeting Date: February 3, 2020

Resolution - Council

File Number: 20-002 **Agenda Section:** CONSENT CALENDAR

Agenda Number:

TO: City Council

FROM: Jeff Kay
City Manager

BY: Keith Cooke
Engineering & Transportation Director

FINANCE REVIEW: Liz Warmerdam
Interim Finance Director

TITLE: RESOLUTION of the City of San Leandro City Council to Accept the Work for the Annual Street Sealing 2018-2019 Project; Project No. 2019.0070 (provides for acceptance of the work performed by American Pavement Systems, Inc., filing the Notice of Completion, releasing the Performance and Payment Bonds, and Releasing the Maintenance Bond upon successful completion of the one-year maintenance period)

WHEREAS, pursuant to a construction contract between the City of San Leandro and American Pavement Systems, Inc., approved on July 1, 2019, by Resolution No. 2019-113, American Pavement Systems, Inc., completed the Annual Street Sealing 2018-2019, Project No. 2019.0070; and

WHEREAS, said work was completed in accordance with the plans and specifications and to the satisfaction of the Engineering and Transportation Director, who therefore recommends that said work should be accepted.

NOW, THEREFORE, the City Council of the City of San Leandro does RESOLVE as follows:

1. That the work hereinbefore described is hereby accepted; and
2. That the City Clerk is hereby directed to file a Notice of Completion on said project;
and
3. That the bonds heretofore given for performance and payment of said conditions are hereby discharged and exonerated from further liability when the statute of limitations expires after the recording of the Notice of Completion; and
4. That upon completion of the one-year maintenance period established pursuant to said contract, and to the satisfaction of the Engineering and Transportation Director, the City Manager is hereby authorized to release the maintenance bond heretofore given for maintenance of the

work hereinbefore described.