



CITY COUNCIL AGENDA REPORT

April 20, 2021
Engineering

TITLE: APPROVE PLANS AND SPECIFICATIONS, REVIEW BIDS, AND AWARD A CONSTRUCTION CONTRACT TO JJR CONSTRUCTION, INC. IN THE AMOUNT OF \$813,816 FOR THE ANNUAL CURB AND GUTTER REPLACEMENTS FOR STREET RESURFACING PROJECT, CIP NO. 21509

SUMMARY

This annual project removes and replaces damaged concrete street improvements, sidewalk, and curb and gutter. The project also includes the installation or modification of Americans with Disabilities Act (ADA) pedestrian access ramps where none exist or where the ramps are significantly out of compliance with current ADA standards. The project was designed in-house, then competitively bid for construction. Staff recommends award of the construction contract to the lowest bidder, JJR Construction, Inc., in the amount of \$813,816.

RECOMMENDATION

1. Approve the plans and specifications for this project, review the bids received, and award the construction contract for the project to JJR Construction, Inc. of San Mateo, California, in the amount of \$813,816.
2. Authorize the City Manager to enter into the construction contract with JJR Construction, Inc.
3. Authorize the Director of Engineering to approve and execute contract change orders for a not-to-exceed contingency amount of \$81,545.
4. Authorize the transfer of \$250,000 from the Annual Sidewalk and Intersection Ramp Installations Project, CIP No. 21505, to the Annual Curb and Gutter Replacements for Street Resurfacing Project, CIP No. 21509.
5. Authorize the transfer of \$210,500 from the Annual Streets Resurfacing and Reconstruction Project, CIP No. 21503, to the Annual Curb and Gutter Replacements for Street Resurfacing Project, CIP No. 21509.

FINANCIAL STATEMENT

The anticipated total expenditure for this project is \$910,500, including a construction contingency of \$81,545 and \$15,139 in miscellaneous expenses, which include anticipated work related to tree root pruning and/or removal, and materials testing. A

total of \$700,000 is budgeted for this project; \$450,000 in CIP No. 21509, and \$250,000 in the Annual Sidewalk and Intersection Ramp Installations Project, CIP No. 21505, leaving a shortfall of \$210,500. Staff recommends transferring \$250,000 from CIP No. 21505 and \$210,500 from the Annual Streets Resurfacing and Reconstruction Project, CIP No. 21503, to CIP No. 21509 to fully fund the project. The funding and anticipated project expenditures are detailed in Attachment 1.

BACKGROUND

The project consists of removal and replacement of curb and gutter (to improve storm water drainage), and removal and replacement of damaged sidewalks that are potential trip hazards. Pedestrian access ramps that are damaged, missing, or significantly out of compliance with current ADA standards are also included in the project. The proposed concrete work is carefully coordinated to occur prior to the Annual Street Resurfacing Project scheduled for construction this summer. Street resurfacing, by law, triggers the requirement to address any ADA deficiencies, which this project does in preparation for the street paving work. See Attachment 2 for the general project locations of the planned work.

DISCUSSION

The Annual Curb and Gutter Replacements for Street Resurfacing Project, CIP No. 21509, consists of removing and replacing approximately 5,250 square feet of sidewalk, 1,725 linear feet of curb and gutter, 125 new pedestrian ramps (including 12 oversized ramps to accommodate pedestrian traffic in school areas), and improvements to 57 existing pedestrian ramps to bring them into ADA compliance.

Several sections of curb and gutter, as well as several ADA ramps, are impacted by the roots of existing trees. After the concrete is removed in these locations the City's on-call contractor, West Coast Arborists, Inc. (WCA), will be used to assess whether root pruning is feasible or whether the root pruning necessary is so extensive that it would compromise the tree. WCA will present their recommendation to City staff, then perform the pruning or removal as directed by staff. The goal will be to keep the trees with removal as a last resort. Sometimes removal is unavoidable; for example, when it is determined that the pruning of roots to reinstall the concrete will compromise the stability of the tree. If a tree must be removed, depending on the location, another may be planted.

During the implementation of the project and depending on the encountered soil conditions, one of the City's on-call geotechnical firms may be utilized for soil/materials testing to ensure that improvements are constructed on a stable subbase.

Bids

Sealed bids for this project were opened on March 23, 2021. A total of eight bids were received, ranging from \$813,816 to \$1,251,875, compared with the Engineer's Estimate of \$1,000,000 (See Attachment 3). The lowest responsible bid was received from JJR Construction, Inc. of San Mateo, California, in the amount of \$813,816 which is approximately 18 percent lower than the Engineer's Estimate. All other bid documents were found to be in order and past work performed by JJR Construction, Inc. was

verified to be satisfactory. Staff recommends award of the construction contract to JJR Construction, Inc.

Budget

The anticipated total expenditure for this project is \$910,500, including a recommended construction contingency of \$81,545 (approximately 10 percent of the bid amount). The contingency is for unanticipated costs that may become apparent during the demolition phase. This could include things such as lengthening the amount of curb and gutter specified for removal due to conditions in the field that differ since the original survey used to determine the length necessary to ensure drainage. The budget also includes \$10,000 for potential tree removal and \$5,000 for materials testing services under existing on-call contracts.

A total of \$700,000 was budgeted for this work in two projects in the FY 2020/21 Capital Improvement Program: \$450,000 in the Annual Curb and Gutter Replacements for Street Resurfacing Project, CIP No. 21509, and \$250,000 in the Annual Sidewalk and Intersection Ramp Installations Project, CIP No. 21505. The amount budgeted in these two projects was based upon past experience with how much concrete work is necessary for the amount of street repair programmed. When the design of the projects began in fall 2020, it was quickly discovered that the amount of concrete work necessary was much more than anticipated, particularly the number of ADA ramps that needed to be installed or upgraded before the street resurfacing work. Consequently, staff was required to balance the amount of street resurfacing possible based upon available funding with the amount of concrete work necessary. This process decreased the amount of street work programmed for the upcoming summer. Staff recommends the transfer of \$210,500 from the Annual Streets Resurfacing and Reconstruction Project, CIP No. 21503, to cover the additional concrete work. This transfer amount represents the decrease in street pavement reconstruction feasible, given the amount of concrete work necessary before the reconstruction can be accomplished. However, since the project's low bid amount is less than the Engineer's Estimate, during the project implementation staff may add some concrete work to allow some of the paving that was deferred to be accomplished. This will depend in large part on how much of the contingency is needed for unforeseen conditions.

The funding and anticipated project expenditures are further detailed in Attachment 1.

Schedule

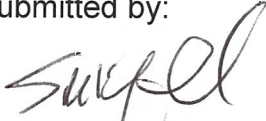
This project specifications require the work to be completed no later than July 29, 2021, so the annual streets resurfacing program can follow and be completed during the expected dry weather in August through early October 2021.

The proposed schedule for the project is as follows:

Approval of Plans and Specifications/Award of Contract
Start of Construction
End of Construction

April 20, 2021
May 2021
August 2021

Submitted by:



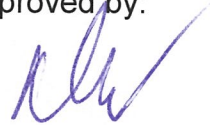
Stephen Kirkpatrick
Director of Engineering

Fiscal Review:



Tina Olson
Director of Finance

Approved by:



Nelson Fialho
City Manager

Attachments:

1. Funding and Estimated Expenditures Summary
2. Project Locations
3. Bid Summary

ANNUAL CURB & GUTTER
CIP NO. 21509
04/20/21

<u>Project Funding to Date</u>	<u>Amount</u>	<u>Totals</u>
2020-21 CIP Allocation	\$450,000	
SUBTOTAL FUNDING TO DATE		<u>\$450,000</u>
<u>Anticipated Project Expenditures</u>		
Advertising	\$139	
JJR Construction Inc. - Contract	813,816	
JJR Construction Inc. - Contingeny (approximately 10%)	81,545	
West Coast Arborist - Tree and Stump Removal	10,000	
Material Testing	5,000	
TOTAL PROJECT EXPENDITURES		<u>\$910,500</u>
<u>Funding Balance/ (Shortfall)</u>		
Current (Shortfall)		<u><u>(\$460,500)</u></u>
Transfer - Annual Sidewalk & Intersection Ramp Install. (CIP No. 21505)	\$250,000	
Transfer - Annual Streets Resurfacing (CIP No. 21503)	\$210,500	
		<u>\$460,500</u>

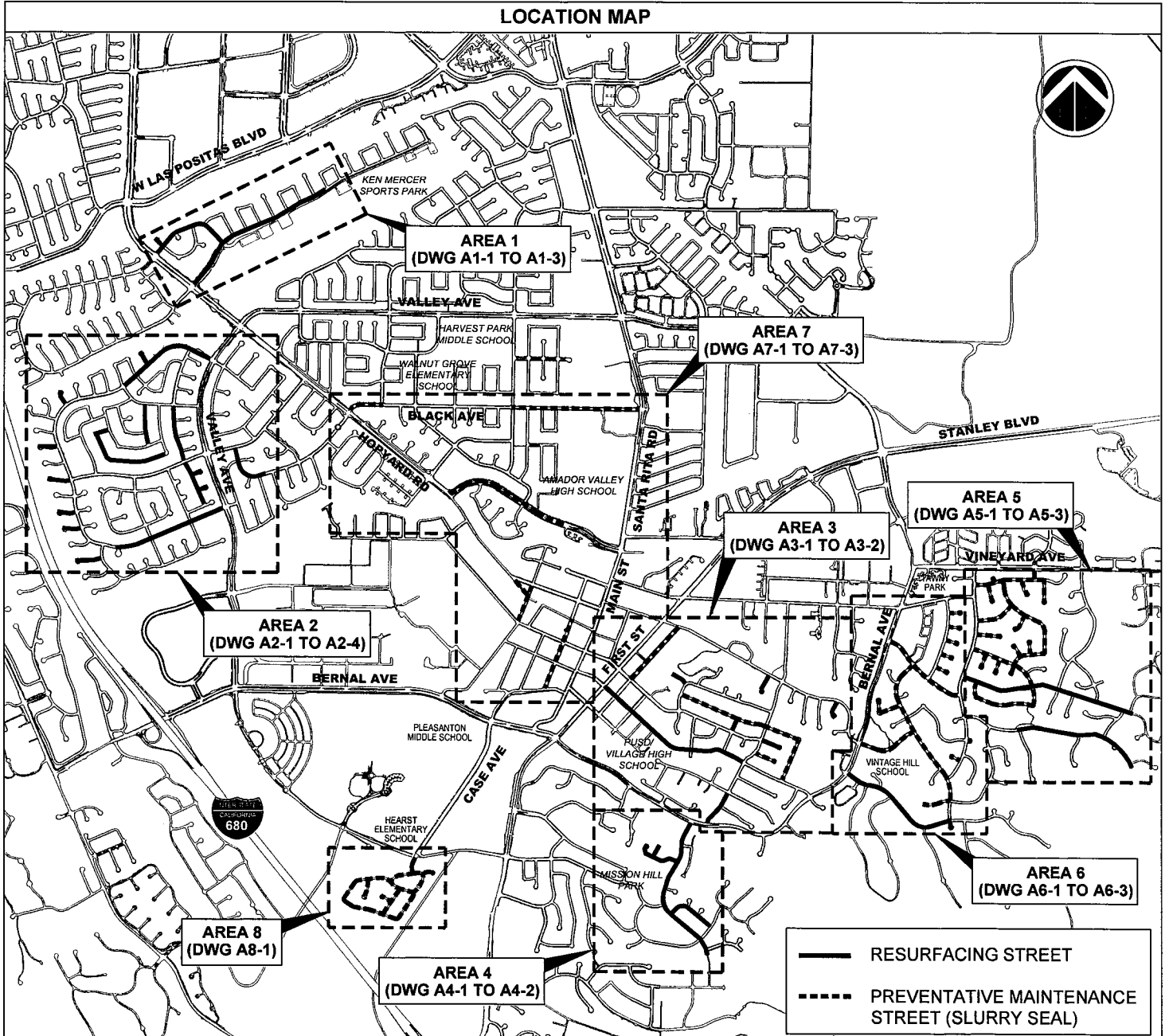
CITY OF PLEASANTON

DEPARTMENT OF
ENGINEERING

ANNUAL CURB & GUTTER FOR STREET RESURFACING PROJECT

CIP NO. 21509

LOCATION MAP



LOCATION MAP

NTS

Bid Opening: 03/23/2021		Engineer's Estimate: \$1,000,000		Sposeto Engineering		Burch Engineering & Construction, Inc.		Cazadoro Construction Inc.		J.J.R. Construction		
		4558 Contractors Place Livermore, CA 94551 US Bidder Status: Valid		180 Mendell Street San Francisco, CA US Bidder Status: Valid		1485 Bayshore Blvd. Box 201 San Francisco, CA 94124 US Bidder Status: Valid		1120 Ninth Avenue San Mateo, CA 94402 US Bidder Status: Valid				
Bid Items	Item #	Item Description	Quantity	Unit of Measure	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total
	1	Remove and Replace (R/R) Curb and Gutter (C/G) Regardless of type	1725	LF	\$109.00	\$188,025.00	\$133.00	\$229,425.00	\$72.98	\$125,890.50		
	2	Remove and Replace (R/R) Sidewalk (S/W) and/or Driveway (D/W)	5250	SF	\$18.00	\$94,500.00	\$24.00	\$126,000.00	\$15.00	\$78,750.00		
	3	Remove and Replace (R/R) Case " " (all cases) ADA Ramp	112	EACH	\$5,270.00	\$590,240.00	\$6,400.00	\$716,800.00	\$4,200.00	\$470,400.00		
	4	Remove and Replace (R/R) Case " " (all cases) Oversize (OS) ADA Ramp	13	EACH	\$7,900.00	\$102,700.00	\$7,900.00	\$102,700.00	\$5,400.00	\$70,200.00		
	5	Grind Lip and Install ADA Domes	46	EACH	\$918.00	\$42,228.00	\$700.00	\$32,200.00	\$550.00	\$25,300.00	\$900.00	\$41,400.00
	6	Install ADA Domes	11	EACH	\$750.00	\$8,250.00	\$700.00	\$7,700.00	\$450.00	\$4,950.00	\$400.00	\$4,400.00
	7	Remove Park Strip Concrete Replace with " " (regardless of type: soil & 3" mulch, decomposed granite, grass)	200	SF	\$14.00	\$2,800.00	\$25.00	\$5,000.00	\$30.00	\$6,000.00	\$10.00	\$2,000.00
	8	Temporary Asphalt (regardless of depth)	325	SF	\$14.00	\$4,550.00	\$20.00	\$6,500.00	\$36.00	\$11,700.00	\$12.00	\$3,900.00
	9	Red Feather Drive Modified Valley Gutter A5-3	1	LS	\$45000.00	\$45,000.00	\$25000.00	\$25,000.00	\$29000.00	\$29,000.00	\$16875.50	\$16,875.50
Total Bid Amount						\$1,078,293.00		\$997,900.00		\$1,251,875.00		\$813,816.00