



Memorandum

TO: HONORABLE MAYOR AND
CITY COUNCIL

FROM: John Ristow

SUBJECT: 2019 LOCAL STREETS
RESURFACING SOUTH PROJECT

DATE: May 20, 2019

Approved

Date

5/22/19

COUNCIL DISTRICTS: 1, 2, 6, 7, 8, 9, & 10

RECOMMENDATION

- (a) Award a construction contract for the 2019 Local Streets Resurfacing South Project to the low bidder, Granite Construction Company in the amount of \$7,617,373.
- (b) Approve a five percent contingency in the amount of \$380,868.

OUTCOME

Award of this contract will resurface approximately 12 miles of streets on the Local and Neighborhood Streets Network. Approval of a 5% contingency will provide funding for unanticipated work necessary for the proper construction and completion of the project.

BACKGROUND

The Department of Transportation (DOT) planned to perform \$23.8 million in maintenance on the Local and Neighborhood Streets Network in the 2018 construction season with VTA 2016 Measure B funds. Due to a legal challenge, this funding was placed in an escrow account and was inaccessible to the City until February of 2019. With the resolution of the challenge and the FY 2018-2019 allocation of \$19 million, DOT combined two-years of planned street maintenance on local and neighborhood streets, totaling approximately 196 miles, in the 2019 construction season. This work will be performed in addition to the major street maintenance plan highlighted in the December 2018 informational memorandum provided to Council.

The 2019 Local Streets Resurfacing South Project is one of five pavement maintenance projects occurring on local and neighborhood streets during the 2019 construction season. The 2019 pavement maintenance program for these streets was provided in an information memorandum to the Council in March 2019.

DOT annually schedules streets to be resurfaced to improve their structural integrity, ride quality, and appearance, and extend the useful life of the streets in order to defer more costly reconstruction. Resurfacing of streets generally includes the repair or replacement of damaged pavement, application of a new layer of asphalt, installation of new roadway striping and markings, and installation or retrofit of curb ramps where needed to comply with the Americans with Disabilities Act (ADA).

In 2019, DOT is planning to resurface approximately 26 miles of local and neighborhood streets throughout the City. To decrease the overall timeframe for completing the pavement work, the resurfacing work will be divided into two separate projects. The contract proposed in this memorandum will resurface 12 miles of streets. The second project providing additional resurfacing work on the remaining 14 miles of local and neighborhood streets will be brought to the City Council for award on June 11, 2019.

The City's Local and Neighborhood Street Network is organized into 135 geographically contiguous "Pavement Maintenance Zones" (PMZs). The PMZs were established several decades ago to support efficient planning and delivery of paving projects, maximize the amount of paving work completed at one time within a neighborhood area, and provide geographic equity of pavement maintenance across the City.

Information provided by the City's pavement management database is used to identify candidate PMZs for preventive maintenance and sealing. The final list of PMZs to receive sealing was established using the following criteria:

- Funding availability and funding use restrictions
- Streets on the Local and Neighborhood Streets Network
- Streets not affected by current or future street related projects
- Maintenance history and prescribed treatment schedules
- Community and Council feedback regarding road conditions
- Multi-year geographic equity across the City and street network

The attachment contains the list of streets to be resurfaced with the proposed contract. The list may change if unforeseen circumstances arise or new information regarding other street-related projects becomes available.

ANALYSIS

Bids were opened on April 11, 2019 with the following results:

CONTRACTOR	CITY	BID AMOUNT	VARIANCE	% UNDER/OVER ENGINEER'S ESTIMATE
<i>ENGINEER'S ESTIMATE</i>	--	\$7,196,986	--	--
Granite Construction Company	Santa Clara, CA	\$7,617,373	\$420,387	5.8%
MCK Services, Inc.	Concord, CA	\$7,673,122	\$476,136	6.6%
DeSilva Gates Construction	Dublin, CA	\$7,762,415	\$565,429	7.9%
Granite Rock Company	San Jose, CA	\$8,023,312	\$826,326	11.5%
O'Grady Paving, Inc.	Mountain View, CA	\$8,140,440	\$943,454	13.0%

The low bid submitted by Granite Construction Company in the amount of \$7,617,373 is 5.8% above the Engineer's Estimate of \$7,196,986 for this project. The estimate is based on bids received from similar past projects and current estimated construction prices. The bids are higher than the engineer's estimate due to a larger than anticipated increase in asphalt and striping prices. However, the bid is considered acceptable for the work involved in the project, and staff recommends that the construction contract be awarded to Granite Construction Company.

Council Policy provides for a standard contingency of five percent on projects involving street resurfacing and sealing. The funding budgeted for this project is sufficient to provide for a five percent contingency of \$380,868.

Construction is scheduled to begin in June 2019 with a target completion date of October 2019.

EVALUATION AND FOLLOW-UP

DOT provides an ongoing evaluation of the City's pavement conditions and provides periodic reports on this topic to the Transportation and Environment Committee and the City Council. No further City Council action is necessary.

PUBLIC OUTREACH

The project was listed on Bidsync (www.bidsync.com) and advertised in the San José Post Record. The complete bid package and project information for DOT construction projects are available on BidSync for interested contractors, contractor organization and builders' exchange. In addition, when the project commences, the contractor, as stated in the specifications, will provide advance notification regarding working hours, duration of project, and any appropriate schedule and lane closures to affected businesses and residents. To inform traveling motorists of upcoming construction activities and potential traffic delays, changeable message signs will be used stating the schedule dates and time for work to occur on the street. This memorandum will be posted on the City's Council Agenda website for the June 4, 2019 Council Meeting.

COORDINATION

This project, including specifications and bid documents, has been coordinated with the Department of Public Works, and this memorandum has been coordinated with the City Attorney's Office and the City Manager's Budget Office.

COMMISSION RECOMMENDATION/INPUT

No commission recommendation or input is associated with this action.

FISCAL/POLICY ALIGNMENT

This project supports the Transportation and Aviation Services City Service Area goal to *Preserve and Improve Transportation Assets and Facilities*.

ATTACHMENT

List of Streets

CD	Street Name	Start	End
1	AKRON WY	BOYNTON AV	W END
1	ALBANY DR	PALACE DR	KIELY BL
1	ALDEN WY	CYPRESS AV S	W END
1	KIELY BL	BOYNTON AV	NORTHLAKE DR
1	KIELY BL	NORTHLAKE DR	SARATOGA AV
1	NORTHLAKE DR	STEVENS CREEK BL	S KIELY BL
1	NORWALK DR	KIELY BL	AUBURN WY
1	RICHFIELD DR	ALBANY DR	STEVENS CREEK BL
1	RICHFIELD DR	ALBANY DR	NORWALK DR
2	APPLE BLOSSOM DR	CHYNOWETH AV	HAYES AV
2	BANGOR AV	CALPINE DR	LEAN AV
2	BEEGUM WY	LEAN AV	BELDEN DR
2	BELDEN DR	CALPINE DR	LEAN AV
2	BODIE CT	BLOSSOM HILL RD	S END
2	CALPINE DR	HERLONG AV	BLOSSOM HILL RD
2	MINDEN CT	BLOSSOM HILL RD	S END
2	OMIRA DR	LATHROP DR	LEAN AV
2	SPINNAKER DR	JUDITH ST	TRADEWINDS DR
2	TRADEWINDS CT	TRADEWINDS DR	S END
2	TYHURST CT	TRADEWINDS DR	S END
6	REDWOOD AV S	STEVENS CREEK BL	HEMLOCK AV
7	ROBERTS AV	STORY RD	100'N/LE COMPTE PL
8	ALLENWOOD DR	WHITE RD S	REMINGTON WY
8	CORD CT	STUTZ WY	S END
8	CROFT DR	882'E/SEBASTIAN BORELLO DR	MILLBROOK DR
8	EDENBANK CT	EDENBANK DR	E END
8	EDENBANK DR	STEVENS LN	CROFT DR
8	LINKSHEAD CT	STEVENS LN	S END
8	MILLBROOK DR	CROFT DR	STEVENS LN
8	MILLBROOK DR	STEVENS LN	REMINGTON WY
8	PENDLETON DR	QUIMBY RD	REMINGTON WY
8	REMINGTON CT	REMINGTON WY	S END
8	REMINGTON WY	MILBROOK DR	WHITE RD S
8	STEVENS LN	MILLBROOK DR	1650'W/MILLBROOK DR
8	STEVENS LN	1650'W/MILLBROOK DR	WHITE RD
8	STUTZ WY	STEVENS LN	WHITE RD S
8	YANCY DR	MT ISABEL DR	MILBROOK DR
9	ABINANTE LN	ASSUNTA WY	NEW JERSEY AV
9	ASSUNTA WY	UNION AV	EVORA DR
9	CODY WY	COIT DR	LEIGH AV
9	DRY CREEK CT	N END	DRY CREEK RD
9	ELDEN DR	HORACE AV	NEW JERSEY AV
9	EVORA DR	JOSEPHINE AV	ASSUNTA WY
9	EVORA DR	ASSUNTA WY	ABINANTE LN

List of Streets (Cont.)

CD	Street Name	Start	End
9	HARRIS AV	NEW JERSEY AV	GUNAR DR
9	HOCKING DR	CURTNER AV	SCHRADER DR
9	MINNA WY	NICHOLAS DR	VIVIAN LN
9	SCHRADER DR	HOCKING WY	NEW JERSEY AV
9	ST LAWRENCE DR	HARRIS AV	CURTNER AV
10	AZALEA DR	MAIDEN LN	BURNSIDE DR
10	BRET HARTE DR	140'S/MOONGATE PL	VIA VALIENTE
10	BURLWOOD DR	BURNSIDE DR	ELDRIDGE DR
10	BURLWOOD DR	ELDRIDGE DR	VIA VALIENTE
10	BURNSIDE DR	OLD CREEK DR	VIA VALIENTE
10	ELDRIDGE DR	VIA VALIENTE	BURLWOOD DR
10	ELMSDALE DR	BROOKTREE WY	BURNSIDE DR
10	HURLSTONE LN	TURNBRIDGE WY	N END
10	MARLINTON CT	S END	N END
10	MT DARWIN DR	MT LENEVE DR	TRINIDAD DR
10	MT LENEVE DR	ALMADEN RD	MT DARWIN DR
10	QUEENSWOOD WY	CAMDEN AV	VILLAGEWOOD WY
10	WORTHING CT	HURLSTONE LN	W END