



Memorandum

TO: HONORABLE MAYOR
AND CITY COUNCIL

FROM: John Ristow

SUBJECT: 2023 MAJOR STREETS REMOVE
AND REPLACE PAVEMENT
PROJECT

DATE: February 21, 2023

Approved

Date

3/2/23

RECOMMENDATION.

- a) Approve award of a construction contract for the 2023 Major Streets Remove and Replace Pavement Project, to the low bidder, G. Bortolotto & Company, Inc., in the amount of \$1,815,463.
- b) Approve an approximate 10% contingency in the amount of \$181,500.

SUMMARY AND OUTCOME

Approval of this construction contract provides required asphalt concrete pavement repairs along the Major Street Network to be maintained in the 2023 construction season. Approval of the approximate 10% contingency will provide funding for any unanticipated work necessary for the proper completion or construction of the project.

BACKGROUND

The Department of Transportation (DOT) is planning to seal 41 miles of streets out of the approximate 75 miles planned for maintenance on the Major Street Network in the 2023 construction season as a preventative maintenance measure to extend the useful life and reduce long-term maintenance costs to the City.

The sealing treatment to be used is called “micro-surfacing”, which is the application of a thin layer of asphalt emulsion blended with rock approximately 3/8 an inch in depth to the pavement. This is typically performed in two separate phases: preparation and a final surface sealing application. The preparation phase includes American with Disabilities Act (ADA) curb ramp installations and retrofits prior to the commencement of the pavement treatment. Streets to be

sealed will also require the removal and replacement of any structurally failed areas of pavement. The final surface treatment is applied to the entire street after preparation phases are complete.

To decrease the overall timeframe for completing the preparation work, DOT is managing multiple projects for the concrete and ADA curb ramp improvements, most of which are in the construction phase. This project for the removal and replacement of failed asphalt pavement areas, where required, is the final preparation project prior to the final surface application.

The Major Street Network consists of 944 miles of the City's most heavily traveled streets, which collectively carry over 85% of the traffic in the City. DOT annually schedules streets to be resurfaced to improve their structural integrity, ride quality, appearance, and extend the useful life of the streets to defer more costly reconstruction. DOT utilized information provided by the City's Pavement Management System to generate a candidate list of streets for pavement maintenance. The candidate list was then thoroughly analyzed by staff using the following criteria to create the final list of streets:

- Funding availability and funding use restrictions
- Streets on the Major Street Network
- Streets not affected by current or future street related projects
- Maintenance history and prescribed treatment schedules
- Streets associated with planned safety, bikeway or other "complete streets" projects
- Community and City Council office feedback regarding roadway conditions and priority street segments
- Relative location of street segments to create multiple, continuous segments, consistency within neighborhoods, and project efficiency
- Multi-year geographic spread across the City and street network

As part of DOT's equity analysis in the development of the 2023 Major Streets paving program, staff cross-referenced the selected streets relative to census tracts designated by the Metropolitan Transportation Commission as "Equity Priority Communities". Based on this analysis, DOT will be maintaining 20 miles designated as Equity Priority Communities in 2023, which is roughly 26% of the 75 miles of Major Streets selected for maintenance.

The attached List of Streets identifies streets to be prepared for sealing. The list may change if unforeseen circumstances arise or new information regarding other street-related projects becomes available.

ANALYSIS

Bids for the 2023 Major Streets Remove and Replace Pavement Project were opened on January 12, 2023, with the following results:

CONTRACTOR	CITY	BID AMOUNT	VARIANCE	% UNDER/OVER ENGINEER'S ESTIMATE
G. Bartolotto & Company, Inc.	San Carlos, CA	\$1,815,463.00	\$380,842.00	-17.34%
QA Constructors, Inc.	San Francisco, CA	\$2,003,767.00	\$192,538.00	-8.77%
J.V. Lucas Paving, Inc.	Martinez, CA	\$2,064,743.00	\$131,562.00	-5.99%
O'Grady Paving, Inc.	Mountain View, CA	\$2,086,306.40	\$109,998.60	-5.01%
<i>ENGINEER'S ESTIMATE</i>	--	<i>\$2,196,305.00</i>	--	--
Radius Earthwork Inc.	Campbell, CA	\$2,457,700.00	\$261,395.00	11.90%

The low bid submitted by G. Bartolotto & Company, Inc. is \$1,815,463 and is 17.34% below the Engineer's Estimate. The Engineer's Estimate for this project is \$2,196,305. The estimate is based on bids received from similar past projects and current estimated construction prices. The bid is considered acceptable for the work involved in the project. Staff recommends that the construction contract be awarded to G. Bartolotto & Company, Inc.

San José Municipal Code section 7.04.050 provides that the contingency for all public works contracts (except those involving the renovation of a building or buildings) cannot exceed 10% of the total contract amount. Staff recommends an approximate 10% percent contingency, which should be sufficient to account for unforeseen conditions that might arise in the excavation, removal, and replacement of failed asphalt concrete pavement areas.

Project Labor Agreement Applicability

Project Labor Agreement does apply to this project.

Local and Small Business Outreach

This project does not have a preference for local and/or small businesses.

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 Environmental Committee. In addition to the

projects discussed in this memorandum, three additional pavement maintenance projects are tentatively scheduled for City Council action this spring.

COST SUMMARY/IMPLICATIONS

This project supports the Transportation and Aviation Services City Service Area goal to *Preserve and Improve Transportation Assets and Facilities*. By performing pavement maintenance with this project, the extension of the useful life of the project streets will defer more costly reconstruction. The source of funding for this project is through the 480 – State Gas Tax Pavement Maintenance Fund. This project will have no net operating and maintenance costs to the General Fund.

1. TOTAL COST OF PROJECT:

Programmatic Project Delivery Estimate	\$181,500.00
Construction Contract	\$1,815,463.00
Contingency	\$181,500.00
TOTAL PROJECT COSTS:	\$2,178,463.00

BUDGET REFERENCE

The table below identifies the fund and appropriation to fund the contract recommended as part of this memorandum and remaining project costs, including project delivery, construction, and contingency costs.

Fund #	Appn #	Appn Name	Total Appn	Amt. for Contract	2022-23 Adopted Capital Budget Page	Last Budget Action (Date, Ord. No.)
Source of New Funding						
480	406C	Pavement Maintenance-SB1 Road Repair & Accountability Act 2017	\$39,274,833	\$1,815,463.00	1081	10/18/22, 30833
Total Current Funding Available			\$39,274.833	\$1,815,463.00		

COORDINATION

This project has been coordinated with the Department of Public Works, and this memorandum has been coordinated with the Department of Planning, Building and Code Enforcement, the City Attorney's Office, and the City Manager's Budget Office.

PUBLIC OUTREACH

This memorandum will be posted on the City's Council Agenda website for the March 14, 2023 City Council meeting.

To solicit contractors, this project was listed on an online bid solicitation website, Biddingo, where bid packages were made available to download for contractor organizations and builders' exchange. When the project commences the contractor will provide advance notification regarding working hours, duration of project, and any appropriate schedule and lane closures to affected businesses and residents, as stated in the specifications. To inform traveling motorists of upcoming construction activities and potential traffic delays, changeable message signs may be used on selected streets stating the scheduled date and time for work to occur on the street.

COMMISSION RECOMMENDATION AND INPUT

No commission recommendation or input is associated with this action.

CEQA

Environmental status granted by the Planning, Building and Code Enforcement Department. Exempt, File No. ER23-009, CEQA Guidelines Section 15301(c), Existing Facilities.

PUBLIC SUBSIDY REPORTING

This item does not include a public subsidy as defined in section 53083 or 53083.1 of the California Government Code or the City's Open Government Resolution.

/s/
JOHN RISTOW
Director of Transportation

For questions, please contact Frank Farshidi, Transportation Division Manager, at frank.farshidi@sanjoseca.gov or (408) 794-1945.

Attachment: List of Streets

List of Streets

Street Name	Street From	Street To	Council District
HAMILTON AV	CAMPBELL AV W	400 'E/O BACK DR	1
WESTMONT AV	HARRIET AV	QUITO RD	1
SILVER CREEK VALLEY RD	HELLYER AV	YERBA BUENA RD	2, 8
4 th ST	ST. JAMES ST	SANTA CLARA ST	3
BERRYESSA RD	MABURY RD	LUNDY AV	3, 4
JULIAN ST E	6 TH ST	21 ST ST	3
MABURY RD	BERRYESSA RD	OAKLAND RD	3
MARKET ST	SANTA CLARA ST	REED ST	3
ZANKER RD	BERING DR	515' E/O HWY 101	3
1 ST ST	LIBERTY ST	SOUTHBAY DR	4
HOLGER WY	1 ST ST	ZANKER RD	4
KIRK AV	CITY LIMIT	MADLINE DR	5
MT. PLEASANT RD	CLAYTON RD	KOHLER AV	5
SAN ANTONIO ST	SUNSET AV	SCHARFF AV	5
STORY RD	CAPITOL EXPY	CLAYTON RD	5
TULLY RD	ALVIN AV	CAPITOL EXPY	5, 7, 8
COTTLE AV	PINE AV	KOCH LN	6, 9
LEIGH AV	SOUTHWEST EXPY	HAMILTON AV	6
MERIDIAN AV	PARK AV	FRUITDALE AV	6
TULLY RD	MONTEREY RD	ALVIN AV	7
ABORN RD	RUBY AV	MURILLO AV	8
CLASSICO AV	FOWLER RD	EVERGREEN VILLAGE SQ	8
EVERGREEN VILLAGE SQ	RUBY AV	CLASSICO AV	8
FOWLER RD	SAN FELIPE RD	BIANCO WY	8
RUBY AV	ABORN RD	EVERGREEN VILLAGE SQ	8
CARLTON AV	NATIONAL AV	130' W/O WINTON WY	9
LOS GATOS ALMADEN RD	TAFT DR	LEIGH AV	9