



Memorandum

TO: HONORABLE MAYOR
AND CITY COUNCIL

FROM: John Ristow

SUBJECT: SEE BELOW

DATE: March 29, 2021

Approved

Date

4/1/2021

**SUBJECT: AWARD OF CONSTRUCTION CONTRACTS FOR THE 2021 MAJOR
STREETS CONCRETE AND ADA RAMPS MAJOR PROJECT AND THE
2021 MAJOR STREETS REMOVE & REPLACE PROJECT**

RECOMMENDATION

- (a) Approve award of a construction contract for the 2021 Major Streets Concrete and ADA Ramps Major Project, to the low bidder, McKim Corporation, in the amount of \$1,538,654 and approve an approximate 10% contingency in the amount of \$153,900.
- (b) Approve award of a construction contract for the 2021 Major Streets Remove & Replace Project, to the low bidder, Radius Earthwork, Inc., in the amount of \$1,427,100 and approve an approximate 10% contingency in the amount of \$142,700.

OUTCOME

Approval of these construction contracts will provide required concrete and sidewalk accessibility (ADA-compliant curb ramp) improvements and asphalt concrete pavement repairs along the Major Street Network to be maintained in the 2021 construction season. Approval of contingencies will provide funding for any unanticipated work necessary for the proper construction and completion of the projects.

BACKGROUND

The Department of Transportation (DOT) will maintain approximately 80 miles of streets on the Major Street Network in the 2021 construction season. Pavement maintenance is typically performed in two separate phases: preparation and a final surface application. The preparation phase requires the removal of structurally failed areas of pavement and replaces them with new asphalt concrete. The preparation phase also includes concrete work, Americans with Disabilities Act (ADA) curb ramps upgrades and installation. The preparation phase is the subject of this

memorandum and will result in the construction of 303 curb ramp locations and asphalt repairs along the Major Streets identified in the attachment. The final phase of maintenance will be covered by one sealing and one resurfacing project, which DOT plans to bring to Council in May and June.

To decrease the overall timeframe for completing the preparation work, reduce cost, and provide more bidding opportunities for small and local contractors, DOT divided the Concrete and ADA ramps preparation work into one major and four minor public works projects across the City. A description of the 2021 pavement maintenance projects was provided in an information memorandum to the Council in February 2021.

The Major Street Network consists of 967 miles of the City's most heavily traveled streets, which collectively carry over 85% of the traffic in the City. 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

While equity was not specifically considered in the development of the 2021 Major Streets paving program, similar to the efforts initiated this year with the Local and Neighborhood Streets program, DOT intends to include an assessment of selected streets relative to census tracts designated by the Municipal Transportation Commission (MTC) as "Communities of Concern" in future development of the Major Streets program.

The Attachment to this memo contains the list of streets that are part of the preparation phase this construction season. The list may change if unforeseen circumstances arise or new information regarding other street-related projects becomes available.

ANALYSIS

Bids for the 2021 Major Streets Concrete and ADA Ramps Project were opened on February 18, 2021 with the following results:

CONTRACTOR	CITY	BID AMOUNT	VARIANCE	% UNDER/OVER ENGINEER'S ESTIMATE
McKim Corporation	Gilroy, CA	\$1,538,654.00	\$667,234.00	-30.25%
Duran Construction Group	San Jose, CA	\$1,739,906.76	\$465,981.24	-21.12%
JJR Construction, Inc.	San Mateo, CA	\$1,833,510.00	\$372,378.00	-16.88%
Yerba Buena Engineering & Construction, Inc.	San Francisco, CA	\$1,919,916.00	\$285,972.00	-12.96%
SpenCon Construction Inc.	San Ramon, CA	\$1,987,274.00	\$218,614.00	-9.91%
<i>ENGINEER'S ESTIMATE</i>	--	<i>\$2,205,888.00</i>	--	--
FBD Vanguard Construction, Inc.	Livermore, CA	\$2,644,582.00	\$438,694.00	+19.89%

The low bid submitted by McKim Corporation is \$1,538,654 and is 30.25% below the Engineer's Estimate. The Engineer's Estimate for this project is \$2,205,888. 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 McKim Corporation.

San Jose 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% contingency, which should be sufficient to account for unforeseen conditions that might arise in the excavation, removal and replacement of concrete areas.

Construction for the 2021 Major Streets Concrete and ADA Ramps Major Project is scheduled to begin in May 2021 and be completed by the end of September 2021.

Bids for the second project, 2021 Major Streets Remove and Replace Project, were opened on February 18, 2021 with the following results:

CONTRACTOR	CITY	BID AMOUNT	VARIANCE	% UNDER/OVER ENGINEER;'S ESTIMATE
Radius Earthwork Inc.	San Jose, CA	\$ 1,427,100.00	\$ 295,620.00	-17.16%
G. Bortolotto & Co. Inc.	San Carlos, CA	\$ 1,565,220.00	\$ 183,130.00	-9.14%
A Teichert & Son, Inc. Dbs Teichert Construction	Pleasanton, CA	\$ 1,689,520.00	\$ 231,650.00	-1.93%
<i>Engineer's Estimate</i>	--	\$ 1,722,720.00	--	0.00%
O'Grady Paving, Inc.	Mountain View, CA	\$ 1,748,350.00	\$ 25,630.00	1.49%
Desilva Gates Construction Lp	Dublin, CA	\$ 1,921,170.00	\$ 198,450.00	11.52%

The low bid submitted by Radius Earthwork Inc. is \$1,427,100 and is 17.16% below the Engineer's Estimate. The Engineer's Estimate for this project is \$ 1,722,720. 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 Radius Earthwork Inc.

San Jose 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% contingency, which should be sufficient to account for unforeseen conditions that might arise in the excavation, removal and replacement of failed concrete areas.

Construction for the 2021 Major Streets Remove and Replace Project is scheduled to begin in third week of April 2021 and be completed by the end of May 2021.

Project Labor Agreement Applicability

A project labor agreement (PLA) is not applicable to either of these projects as they both meet the following exemption: City's engineer's estimate of the total cost of the Construction Contracts is less than three million dollars (\$3,000,000).

Local and Small Business Outreach

Both projects do not have a preference for local and/or small businesses but the recommended low bid contractor for the 2021 Major Streets Remove and Replace Project is a local and small business from San Jose, CA.

CONCLUSION

Based on the evaluation of bids for the 2021 Major Streets Concrete and ADA Ramps Major Project, and the 2021 Major Streets Remove and Replace Project, the low bids are considered acceptable and staff recommends awarding the construction contracts to McKim Corporation and Radius Earthwork Inc.

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. In addition to the projects discussed in this memo, two additional pavement maintenance projects on the major street network are tentatively scheduled for Council action in April and May:

CLIMATE SMART SAN JOSE

The recommendation in this memo aligns with one or more Climate Smart San José energy, water, or mobility goals.

PUBLIC OUTREACH

To solicit contractors, both projects were listed on an online bid solicitation website, Biddingo, where bid packages were made available to download for contractor organizations and builders' exchange. When the projects commence the contractors 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.

COORDINATION

Both projects have been coordinated with the Department of Public Works. This memorandum has been coordinated with the Department of Planning, Building and Code Enforcement, 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*.

COST SUMMARY/IMPLICATIONS

1. COST OF PROJECT:

Programmatic Project Delivery Estimate	\$312,000.00
Construction Contracts	\$2,965,754.00
Contingency	\$296,600.00
TOTAL PROJECT COSTS:	\$3,574,354.00
2. SOURCE OF FUNDING: 480 – Pavement Maintenance – SB1 Road Repair & Accountability Act 2017
3. FISCAL IMPACT: This project will have no net operating and maintenance costs to the General Fund.

BUDGET REFERENCE

The table below identifies the fund and appropriation proposed to fund the recommended contract awards, including project delivery, construction, and contingency costs.

Fund #	Appn #	Appn Name	Total Appn	Amt. for Contracts	2020-2021 Adopted Capital Budget Page	Last Budget Action (Date, Ord. No.)
Source of New Funding						
480	406C	Pavement Maintenance - SB1 Road Repair & Accountability Act 2017	\$29,100,176	\$2,965,754.00	V-623	10/20/20, 30494
Total Current Funding Available			\$29,100,176	\$2,965,754.00		

CEQA

Exempt, File No. PP18-029, CEQA Guidelines Section 15301(c), Existing Facilities.

/s/
JOHN RISTOW
Director of Transportation

For questions please contact Frank Farshidi, DOT Division Manager, at (408) 794-1945.

Attachment

List of Streets

2021 MAJOR STREETS SEALING PROJECT			
STREET NAME	BEG LOCATION	END LOCATION	CD
1ST ST N	ROSEMARY	TAYLOR	3
4TH ST	ST JAMES	SANTA CLARA	3
24TH ST	WILLIAM	SANTA CLARA	3
BERNAL RD	SANTA TERESA BL	HEATON MOOR DR	2
CAPITOL AV S	WILBUR AV	BERRYESSA RD	4,5
EDEN AV	MOORPARK AV	PAYNE AV	1
FARNSWORTH DR	SILVER CREEK VALLEY RD	SAN FELIPE RD	8
FOXWORTHY AV EB	OLD ALMADEN RD	HILLSDALE AV	6,9
FRUITDALE AV	SOUTHWEST EX	RACE ST	6
GRAND BL	LOS ESTEROS RD	N END	4
HEATON MOOR DR	BERNAL RD	ENDMOOR DR	2
HILLSDALE	CAMDEN	ALMADEN	9
HOSTETTER RD	PIEDMONT RD	MORILL AV	4
KIELY BL	SARATOGA AV	STEVENS CREEK	1
LEAN AV	CURIE DR	BLOSSOM HILL RD	2
MCABEE RD	CAMDEN	ALMADEN	10
MCLAUGHLIN	WILLIAM	STORY	3, 7
OLD TULLY RD	TULLY RD	MONTEREY RD	7
PEARL AVE	HILLSDALE AV	CHYNOWETH AV	9
QUITO RD	ASPESI DR	MCCOY AV	1
QUITO RD SB	SARATOGA AV	COX AV	1
REDMOND AV	ALMADEN EX	COLEMAN RD	10
SNOW DR	COYOTE RD	WAR ADMIRAL AV	2
THORNWOOD DR	SANTA TERESA BL	WINFIELD BL	10
WHITE RD S	ABORN RD	MARTEN AV	8
WINCHESTER BL	MOORPARK AV	WILLIAMS RD	1
YERBA BUENA RD	KAUAI DR	TUERS RD	7,8
YERBA BUENA RD	TUERS RD	DEANS PLACE	2,7
WINFIELD DR	ALMADEN EX	CROSS SPRING DR	10

2021 MAJOR STREETS RESURFACING PROJECT			
STREET NAME	BEG LOCATION	END LOCATION	CD
4TH ST	HEDDING ST	OLD BAYSHORE HY	3
COE AV	BIRD AV	LINCOLN AV	6
CYPRESS AV	STEVENS CREEK BL	CONSTANCE DR	1
ENDMOOR DR	VINEYARD	HEATON MOOR DR	2
HOSTETTER RD	MORRILL AV	LUNDY AV	4
LANDESS AV	I 680	PIEDMONT RD	4
LOS ESTEROS RD	2900' E/ SPRECKLES AV	ZANKER RD	4
MCABEE RD	CAMDEN	LEYLAND PARK DR	10
MONTEREY RD	METCALF	355' N/O TILTON AV	2
MURPHY AV	OAKLAND RD	LUNDY AV	3,4
OLD ALMADEN RD	CAPITOL EX	1100 N FOXWORTHY (CITY LIMIT)	6,9
SIERRA RD	PIEDMONT RD	710' E VARNET CT	4
TISCH WY	S GENEVIEVE LN	WINCHESTER BL	6
TUERS RD	CAPITOL EX	MCLAUGHLIN AV	2,7
YERBA BUENA AV	SAN FELIPE RD	4497 YERBA BUENA AV	8
ZANKER RD	LOS ESTEROS RD	HY 237	4