



# Memorandum

**TO:** HONORABLE MAYOR  
AND CITY COUNCIL

**FROM:** John Ristow

**SUBJECT: 2020 MAJOR STREETS CONCRETE  
& ADA RAMPS PROJECT**

**DATE:** March 3, 2020

Approved

Date

3/4/2020

## RECOMMENDATION

- (a) Approve award of a construction contract for the 2020 Major Streets Concrete & ADA Ramps Project, to the low bidder, Wattis Construction Company, Inc. in the amount of \$1,576,234.
- (b) Approve an approximate five percent contingency in the amount of \$78,800.70.

## OUTCOME

Approval of this construction contract will provide required concrete and sidewalk accessibility (ADA-compliant curb ramp) improvements along 47 miles of streets on the Major Street Network to be maintained in the 2020 construction season. Approval of an approximate 5% contingency will provide funding for any unanticipated work necessary for the proper construction and completion of the project.

## BACKGROUND

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. The Department of Transportation (DOT) incorporates both preventive maintenance (typically surface sealing) and resurfacing treatments in its annual maintenance plans. Both types of treatments typically require minor concrete repairs as well as ADA curb ramp installations and retrofits prior to the commencement of the pavement treatment. Streets to be surface 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.

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In 2020, DOT is planning to provide maintenance on approximately 77 miles of major streets throughout the City. The 2020 Major Streets Concrete & ADA Ramps Project is one of six pavement maintenance projects occurring on the Major Streets Network during the 2020 construction season and is the subject of this memorandum that will provide for maintenance on 47 miles.

To decrease the overall timeframe for completing the preparation work, DOT divided the preparation work into two separate projects: one project for concrete and ADA curb ramp improvements along 13 miles of resurfacing streets and 34 miles of sealing streets, and one project for removal and replacement of failed asphalt where required. This project will also construct 204 curb ramps.

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

The Attachment to this memo contains the list of streets that are included in this project. The list may change if unforeseen circumstances arise or new information regarding other street-related projects becomes available.

**ANALYSIS**

Bids were opened on February 6, 2020 with the following results:

CONTRACTOR	CITY	BID AMOUNT	VARIANCE	% UNDER/OVER ENGINEER'S ESTIMATE
Wattis Construction Company, Inc.	San Jose, CA	\$1,576,234.00	\$111,614.00	-6.6%
<i>ENGINEER'S ESTIMATE</i>	--	<i>\$1,687,848.00</i>	--	--
Spenco Construction Inc.	Danville, CA	\$1,731,520.00	\$43,672.00	+2.6%
Rosas Brothers Construction	Oakland, CA	\$1,806,224.00	\$118,376.00	+7.0%
FBD Vanguard Construction	Livermore, CA	\$1,917,464.00	\$229,616.00	+13.6%
Sposeto Engineering Inc.	Livermore, CA	\$2,185,990.50	\$498,142.50	+29.5%

The low bid submitted by Wattis Construction Co., Inc. is \$1,576,234 and is 6.6% below the Engineer's Estimate. The Engineer's Estimate for this project is \$1,687,848. 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 Wattis Construction Company, 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 percent of the total contract amount. Staff recommends a five percent contingency, which should be sufficient to account for unforeseen conditions that might arise in the excavation, removal and replacement of failed concrete areas.

Construction is scheduled to begin in April 2020 and be completed by the end of July 2020.

**CONCLUSION**

Based on the evaluation of bids, the low bid is considered acceptable and staff recommends awarding the construction contract for the 2020 Major Streets Concrete & ADA Ramps Project to Wattis Construction Co., Inc.

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### **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 project discussed in this memo, additional pavement maintenance projects are tentatively scheduled for Council action as follows:

- 2020 Major Streets Remove and Replace Asphalt Concrete Project – March 2020
- 2020 Major Streets Resurfacing Project – April 2020
- 2020 Major Streets Sealing Project – April 2020
- OBAG Resurfacing Projects 1 & 2 – Pending federal and state approval, summer 2020

### **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, 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. This memorandum will be posted on the City's Council Agenda website for the March 17, 2020 Council Meeting.

### **COORDINATION**

This project 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.



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**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**

<b>2020 MAJOR STREETS SEALING PROJECT</b>			
<b>STREET NAME</b>	<b>FROM</b>	<b>TO</b>	<b>COUNCIL DISTRICT</b>
10 <sup>TH</sup> ST	HEDDING ST	HWY 280	3
11 <sup>TH</sup> ST	E HEDDING ST	HWY 280	3
COPPERFIELD DR	CAPITOL EXPY	VISTAPARK DR	10
DELTA RD	PINOT BLANC WY	MACKIN WOODS LN	8
MCLAUGHLIN AV	CAPITOL EXPY	STORY RD	7
SAN ANTONIO ST E	17 <sup>TH</sup> ST S	JACKSON AV S	3, 5
SENER RD S	STORY RD	MONTEREY RD	2, 3, 7
TULLY RD	RUBY AV	WHITE RD	8
VISTAPARK DR	HILLSDALE AV	CAPITOL EXPY	10

<b>2020 MAJOR STREETS RESURFACING PROJECT</b>			
<b>STREET NAME</b>	<b>FROM</b>	<b>TO</b>	<b>COUNCIL DISTRICT</b>
7 <sup>TH</sup> ST S	ALMA AV E	TULLY RD	7
ABORN RD	420' E/O GURDWARA AV	1630' E/O GURDWARA AV	8
BARNARD AV	POMONA AV	MONTEREY RD	7
BOLLINGER RD (EB ONLY)	DE ANZA BL	ARLINGTON LN	1
BOLLINGER RD	MILLER AV	LAWRENCE EXPY	1
CAPITOL AV	HOSTETTER RD	385' N/O TRIMBLE RD (CITY LIMIT)	4
CAMPBELL AV	SUPERIOR DR (CITY LIMIT)	145' E/O ABBEY LN (CITY LIMIT)	1
DELTA RD	SAN FELIPE RD	PINOT BLANC WY	8
SANTA CLARA ST	HWY 101 RAMP	HWY 101 RAMP	3, 5
TULLY RD	WHITE RD	CAPITOL EXPY	8
NEWHALL ST	WINCHESTER BL (CITY LIMIT)	SUNNY VISTA DR (CITY LIMIT)	6