



COUNCIL AGENDA: 5/17/2022

FILE: 22-700

ITEM: 2.15

Memorandum

TO: HONORABLE MAYOR
AND CITY COUNCIL

FROM: John Ristow

SUBJECT: 2022 MAJOR STREETS
SEALING PROJECT

DATE: May 2, 2022

Approved

Date

05/05/22

RECOMMENDATION

- (a) Approve award of a construction contract for the 2022 Major Streets Sealing Project, to the low bidder, VSS International, Inc., in the amount of \$3,155,120.
- (b) Approve an approximate 10% contingency in the amount of \$315,500.

OUTCOME

Approval of this construction contract will surface seal approximately 25 miles of streets on the Major Street Network. Approval of an approximate 10% contingency will provide funding for unanticipated work necessary for the proper construction and completion of the project.

BACKGROUND

The Department of Transportation (DOT) will maintain approximately 59 miles of streets on the Major Street Network in the 2022 construction season. Approximately 25 of those miles will be surfaced sealed (micro-surfaced) and are the subject of this memorandum.

Micro-surfacing is the application of a thin layer of asphalt emulsion blended with rock, approximately 3/8 of 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 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 final surface treatment is applied to the entire street after preparation phases are complete.

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 one minor public works project across the City. A description of the 2022 pavement maintenance projects was provided in an information memorandum to the City Council in February 2022.

The Major Street Network consists of 967 miles of the City of San José's (City) 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 2022 Major Streets paving program, DOT cross-referenced the selected streets relative to census tracts designated by the Municipal Transportation Commission as "Equity Priority Communities." Based on this analysis, DOT will be maintaining 14 equity priority communities miles in 2022, which is roughly 24% of the 59 miles of Major Streets selected for maintenance. This project will maintain 7.8 equity priority communities miles which is roughly 32% of the scope of work.

The Attachment to this memorandum contains the list of streets to be surfaced sealed. The list may change if unforeseen circumstances arise or new information regarding other street-related projects become available.

ANALYSIS

Bids for the 2022 Major Streets Sealing Project were opened on March 17, 2022, with the following results:

CONTRACTOR	CITY	BID AMOUNT	VARIANCE	% UNDER/OVER ENGINEER'S ESTIMATE
VSS International, Inc.	Sacramento, CA	\$3,155,120	(\$1,210,530)	(27.73%)
Graham Contractors, Inc.	San José, CA	\$3,311,310	(\$1,054,340)	(24.15%)
Pavement Coating Company	Mira Loma, CA	\$4,244,700	(\$120,950)	(2.77%)
ENGINEER'S ESTIMATE	--	\$4,365,650	--	--

The low bid submitted by VSS International, Inc. is \$3,155,120 and is 27.73% below the Engineer's Estimate. The Engineer's Estimate for this project is \$4,365,650. 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 VSS International, 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% contingency, which should be sufficient to account for unforeseen conditions that might arise in construction.

Construction for the 2022 Major Streets Sealing Project is scheduled to begin in the third week of August 2022 and to be completed by mid-November 2022.

Project Labor Agreement Applicability

A project labor agreement is not applicable to this project as more than 50% of the scope of the work within the project is providing street maintenance for existing infrastructure.

Local and Small Business Outreach

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

CONCLUSION

Based on the evaluation of bids for the 2022 Major Streets Sealing Project, the low bid is considered acceptable and staff recommends awarding the construction contract to VSS International, 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 Environmental Committee. In addition to the project discussed in this memorandum, two additional pavement maintenance projects on the Major Street Network are tentatively scheduled for City Council action this spring.

CLIMATE SMART SAN JOSE

The recommendation in this memorandum 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.

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.

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	\$315,512
2022 Major Streets Sealing Construction Contract	\$3,155,120
Contingency	\$315,500
TOTAL PROJECT COSTS:	\$3,786,132

2. **SOURCE OF FUNDING:** 309 – VTA Measure B VRF Fund

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 award, including project delivery, construction, and contingency costs.

Fund #	Appn #	Appn Name	Total Appn	Amt. for Contract	2022-2026 Adopted Capital Budget Page	Last Budget Action (Date, Ord. No.)
Source of New Funding						
309	7440	Pavement Maintenance - VTA Measure B VRF	\$15,309,467	\$3,155,120	969	10/19/21, 30682
Total Current Funding Available			\$15,309,467			

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: 2022 Major Streets Sealing Project List of Streets

List of Streets

2022 MAJOR STREETS SEALING PROJECT			
STREET NAME	BEG LOCATION	END LOCATION	CD
AIRPORT BL	COLEMAN AV	TERMINAL DR	6
AIRPORT BL	EWERT RD	1891' S/O SKYPORT DR	6
BASKING RIDGE CT	DANNA CT	S END	2
CAMINO VERDE DR	SANTA TERESA BL	CURIE DR	10
CURTNER AV	LINCOLN AV	ALMADEN EXPY	6,7
EDENVALE AV	CHYNOWETH AV	SADDLE BROOK DR	2
GOLD ST	TAYLOR ST N	BRIDGE N/S	4
HAMPTON DR	CROWN BL	3442' S/O CROWN BL	10
HILLSDALE AV	VISTAPARK DR	VITTORIA PL	2,7
HOPKINS DR	OCALA AV	STORY RD	5
LEYLAND PARK DR	CAMDEN AV	BOX CANYON RD	10
METCALF RD	MONTEREY RD	400' N/O MALECH RD	2
PROSPECT	SARATOGA AV	LAWRENCE EXPY	1
QUIMBY RD	CAPITOL EXPY	WHITE RD	8
QUIMBY RD	WHITE RD	RUBY AV	8
SADDLE BROOK DR	BRANHAM LN	EDENVALE AV	2
SILVER CREEK RD	CAPITOL EXPY	YERBA BUENA RD	8
SILVER LEAF RD	FORD RD	TENNANT AV	2
SINGLETON RD	SENER RD	E END	7
SNELL AV	HILLSDALE AV	BRANHAM LN	2,7
SPRECKLES AV	GRAND BL	STATE ST	4
TAYLOR ST N	GOLD ST	LIBERTY ST	4
WHITE RD S	ALUM ROCK AV	MCKEE RD	5