



Memorandum

TO: HONORABLE MAYOR
AND CITY COUNCIL

FROM: John Ristow

**SUBJECT: 2021 LOCAL STREETS
RESURFACING #2 PROJECT**

DATE: May 24, 2021

Approved

Date

5/28/2021

COUNCIL DISTRICTS: 2 & 7

RECOMMENDATION

- (a) Approve award of a construction contract for the 2021 Local Streets Resurfacing #2 Project, to the low bidder, MCK Services, Inc. in the amount of \$6,999,419.10
- (b) Approve an approximate 10% contingency in the amount of \$699,900.

OUTCOME

Approval of this construction contract will resurface approximately 20 miles of streets on the Local and Neighborhood Streets Network in the 2021 construction season. Approval of an approximate 10% contingency will provide funding for any unanticipated work necessary for the proper construction and completion of the project.

BACKGROUND

The Department of Transportation (DOT) will maintain approximately 140 miles of streets on the Local and Neighborhood Street Network in the 2021 construction season. Of these 140 miles, DOT is planning to resurface approximately 83 miles of streets in poor to failed conditions, supported by the second annual allocation of \$37.5 million in voter approved Measure T funds.

Pavement maintenance is typically performed in two separate phases: preparation and a final surface application. The preparation phase consists of the installation and upgrade of Americans with Disability Act (ADA) curb ramps along the 83 miles of Local Streets planned for resurfacing. The preparation phase was included in two concrete projects previously presented to Council in March and April of 2021. The contract proposed in this memorandum will resurface approximately 20 miles of streets. Resurfacing of streets generally includes the repair or replacement of damaged pavement, application of a new layer of asphalt, and installation of new roadway striping and markings.

To decrease the overall timeframe for completing the pavement work, the resurfacing work will be divided into four separate projects of which this project is the second. A description of the 2021 pavement maintenance projects was provided in an information memorandum to the Council in February 2021.

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 treatments was established using the following criteria:

- Funding availability and funding use restrictions
- Total miles of streets in reconstruction and rehabilitation category
- Streets not affected by current or future street related projects
- Maintenance history and prescribed treatment schedules
- 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
- Number of public traffic attraction facilities such as schools, hospitals, libraries, community centers, etc.
- Community and City Council office feedback regarding roadway conditions and priority street segments

This year, DOT added an additional criterion: equity. DOT staff cross-referenced the selected zones with census tracts designated by the Municipal Transportation Commission (MTC) as "Communities of Concern" (COC) to better track equity in service delivery. Results confirmed that 207 out of 325 miles (roughly 65%) of local and neighborhood streets designated in COC areas will be maintained by the end of the three-year plan (2023). DOT anticipates completing pavement maintenance for nearly 50% of the local street network in this same timeframe.

Since 2019, DOT has maintained a total of 96 COC miles and will be maintaining an additional 52 COC miles in 2021, which is roughly 37% of the 140 miles of Local and Neighborhood Streets selected for maintenance in 2021. This project in particular will maintain approximately 14 miles of streets in COC neighborhoods, which accounts for approximately 70% of the scope of work.

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

ANALYSIS

Bids were opened on April 15, 2021 with the following results:

CONTRACTOR	CITY	BID AMOUNT	VARIANCE	% UNDER/OVER ENGINEER'S ESTIMATE
MCK Services Inc.	Concord, CA	\$6,999,419.10	\$1,253,690.51	-15.2%
DeSilva Gates	Dublin, CA	\$7,231,096.00	\$1,022,013.61	-12.4%
Teichert Construction	Sacramento, CA	\$7,381,732.00	\$871,377.61	-10.6%
O'Grady Paving	Mountain View, CA	\$7,685,891.90	\$567,217.71	-6.9%
<i>ENGINEER'S ESTIMATE</i>	-	<i>\$8,253,109.61</i>	-	-

The low bid submitted by MCK Services Inc. is \$6,999,419.10 and is 15.2% below the Engineer's Estimate. The Engineer's Estimate for this project is \$8,253,109.61. The estimate is based on bids received from similar past projects and most 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 MCK Services Inc.

San Jose Municipal Code Section 27.04.050 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 is scheduled to begin in July 2021 and be completed by the end of October 2021.

Project Labor Agreement Applicability

A project labor agreement (PLA) 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 businesses.

CONCLUSION

Based on the evaluation of bids, the low bid is considered acceptable, and staff recommends awarding the construction contract for the 2021 Local Streets Resurfacing #2 to MCK Services 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 & Environment Committee, and the City Council. In addition to the project discussed in this memo and the 2021 Local Streets Remove & Replace Project that also agendized for Council action on the same date, two additional projects for the Local & Neighborhood Streets Network will be brought forward for Council action this Spring. Specifically, these additional contracts will provide sealing or resurfacing work on a combined total of 140 miles neighborhood streets.

CLIMATE SMART SAN JOSE

The recommendation in this memo has no effect on 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 June 8, 2021 Council meeting.

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.

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	\$699,900.00
Construction Contract	\$6,999,419.10
Contingency	<u>\$699,900.00</u>
TOTAL PROJECT COSTS:	\$8,399,219.10

2. **SOURCE OF FUNDING:** Fund 498 – Public Safety and Infrastructure Bond 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	2020-2021 Adopted Budget Page	Last Budget Action (Date, Ord. No.)
498	415Y	Pavement Maintenance - Measure T Bond	\$59,860,000	\$6,999,419.10	Adopted Capital Budget Pg. V-623	10/20/2020 30494
Totals			\$59,860,000	\$6,999,419.10		

HONORABLE MAYOR AND CITY COUNCIL
May 24, 2021
Subject: 2021 Local Streets Resurfacing #2 Project
Page 6

CEQA

Categorically 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 Project Locations

STREET NAME	FROM	TO	COUNCIL DISTRICT
ABERHAVEN CT	HOUNDSHAVEN WY	S END	2
ADAGIO WY	COYOTE RD	CONTINENTAL DR	2
APTOS AV	SKYWAY DR	RIVER VIEW DR	2
BOLERO DR	SKYWAY DR	SERENADE WY	2
BRAXTON DR	RAHWAY DR	PLAINFIELD DR	2
CAPITOLA AV	RIVER VIEW DR	SKYWAY DR	2
CHAPELHAVEN CT	STONEYHAVEN WY	S END	2
CONCERTO DR	SERENADE WY	LULLABY LN	2
CONCERTO WY	CONCERTO DR	N END	2
CONTINENTAL DR	COYOTE RD	BOLERO DR	2
CORDOLA CT	DEL REY AV	W END	2
DEL REY AV	RIVER VIEW DR	SKYWAY DR	2
DEL REY CT	DEL REY AV	W END	2
DICKINSON DR	DICKINSON WY	S END	2
DICKINSON WY	SAVSTROM WY	DICKINSON DR	2
DOTEY CT	RAHWAY DR	W END	2
EAGLEHAVEN CT	STONEYHAVEN WY	S END	2
HARMONY LN	BOLERO DR	SERENADE WY	2
HOUNDSHAVEN WY	BRANHAM LN EAST	MOUNDHAVEN CT	2
HOUNDSHAVEN WY	MOUNDHAVEN CT	SKYWAY DR	2
KIRKHAVEN CT	STONEYHAVEN WY	S END	2
KNIGHTSHAVEN WY	HOUNDSHAVEN WY	N END	2
LAMMERHAVEN CT	HOUNDSHAVEN WY	S END	2
LOBOS AV	RIVER VIEW DR	SKYWAY DR	2
LULLABY LN	CONCERTO DR	COYOTE RD	2
LYMEHAVEN CT	STONEYHAVEN WY	S END	2
LYRIC LN	SKYWAY DR	RIVER VIEW DR	2
LYRIC LN	RIVER VIEW DR	CONTINENTAL DR	2
MENDOZA AV	SKYWAY DR	RIVER VIEW DR	2
PALOMA AV	SKYWAY DR	RIVER VIEW DR	2
RAHWAY DR	GIRAUDO DR	BRAXTON DR	2
RENZO CT	GIRAUDO DR	N END	2
RHAPSODY WY	SERENADE WY	HARMONY LN	2
RIVER VIEW DR	ASHMONT DR	W END	2
ROTHERHAVEN WY	HOUNDSHAVEN WY	VALLEYHAVEN WY	2
SENER RD S	SENER RD	SENER RD	2
SENER RD S	SERENADE WY	S. END	2
SERENADE CT	SERENADE WY	S END	2
SKYWAY DR	W END	PLAINFIELD DR	2

STREET NAME	FROM	TO	COUNCIL DISTRICT
SKYWAY DR	MONTEREY RD	STONEYHAVEN WY	2
SKYWAY DR	STONEYHAVEN WY	N END	2
SONATA WY	HARMONY LN	SERENADE WY	2
SPRINGHAVEN CT	HOUNDSHAVEN WY	W END	2
SQUAREHAVEN CT	HOUNDSHAVEN WY	S END	2
SYMPHONY LN	CONTINENTAL DR	COYOTE RD	2
TANGO WY	SERENADE WY	SERENADE WY	2
THORNHAVEN WY	KNIGHTSHAVEN WY	1434'W/KNIGHTSHA VEN WY	2
THORNHAVEN WY	1434'W/KNIGHTSHA VEN WY	HOUNDSHAVEN WY	2
VENTURA AV	RIVER VIEW DR	SKYWAY DR	2
AETNA WY	LOUPE AV	SYLVIA DR	7
AETNA WY	SYLVIA DR	UMBARGER RD	7
APOLLO CT	APOLLO DR	W END	7
BAYSMILL CT	UMBARGER RD	S END	7
BECKET DR	BELLINGHAM DR	PLUMAS DR	7
BELLINGHAM CT	BELLINGHAM DR	S END	7
BELLINGHAM DR	PLUMAS DR	MCLAUGHLIN AV	7
BELLINGHAM DR	MCLAUGHLIN AV	SHERLOCK DR	7
BENDMILL WY	MCLAUGHLIN AV	TUERS RD	7
BOREN DR	SHERLOCK DR	KELDON DR	7
CADMILL CT	UMBARGER RD	E END	7
CANDIA DR	MCLAUGHLIN AV	ZACKARY WY	7
CARTERWOOD PL	ZACHARY WY	E END	7
CHESWICK DR	MCLAUGHLIN AV	SHERLOCK DR	7
CROSSMILL CT	UMBARGER RD	S END	7
CULPEPPER DR	ZACHARY WY	W END	7
DELANO CT	SAMUEL DR	E END	7
DREXEL WY	SHERLOCK DR	CHESWICK DR	7
EBANO CT	FLORY DR	E END	7
ERICA CT	SYLVIA DR	S END	7
EULALIE DR	BELLINGHAM DR	PELLIER DR	7
FLORY DR	BELLINGHAM DR	CARTERWOOD PL	7
FORGEMILL CT	TUERS RD	N END	7
GASSMANN DR	SHERLOCK DR	TUERS RD	7
IDLEWOOD CT	IDLEWOOD DR	S END	7
IDLEWOOD DR	SHERLOCK DR	MCLAUGHLIN AV	7
KANE CT	FLORY DR	E END	7
KASSON CT	FLORY DR	S END	7
KELDON CT	KELDON DR	S END	7

STREET NAME	FROM	TO	COUNCIL DISTRICT
KELDON DR	MCLAUGHLIN AV	SHILSHONE CR	7
KENDRICK CR	IDLEWOOD DR	IDLEWOOD DR	7
KERN AV	BELLINGHAM DR	S END	7
KIMBALL DR	IDLEWOOD DR	SHERLOCK DR	7
LANIER LN	LOOMIS DR	PELLIER DR	7
LODGE CT	FLORY DR	E END	7
LOOMIS CT	LOOMIS DR	E END	7
LOOMIS DR	LANIER LN	PELLIER DR	7
LOOMIS DR	PELLIER DR	SIMONSON WY	7
LOOMIS DR	CANDIA DR	CULPEPPER	7
LOUPE AV	SAMUEL DR	MCLAUGHLIN AV	7
MALOTT DR	SHERLOCK DR	MCLAUGHLIN AV	7
MAYHEW CT	FLORY DR	E END	7
MOCHO CT	FLORY DR	E END	7
MOSSMILL CT	UMBARGER RD	S END	7
OAKMILL CT	UMBARGER RD	S END	7
OXTON DR	FLORY DR	EULALIE AV	7
PARNELL DR	BELLINGHAM DR	S END	7
PELLIER CT	FLORY DR	E END	7
PELLIER DR	EULALIE DR	FLORY DR	7
PHILIP CT	SYLVIA DR	S END	7
PLUMAS DR	BELLINGHAM DR	BECKET DR	7
QUAMME DR	MCLAUGHLIN AV	EULALIE DR	7
ROBERTA CT	SYLVIA DR	S END	7
ROSLYN CT	CARTERWOOD PL	S END	7
SADDLEWOOD DR	WOODMINSTER DR	SHERLOCK DR	7
SALUDA CT	FLORY DR	E END	7
SAMUEL DR	WOODELF DR	SYLVIA DR	7
SHERLOCK DR	TULLY RD	BELLINGHAM DR	7
SHILSHONE CL	KELDON DR	KELDON DR	7
SHILSHONE WY	SHILSHONE CR	SHERLOCK DR	7
SIPPOLA WY	FLORY DR	ZACHARY WY	7
SOTO CT	FLORY DR	E END	7
SUMMERFIELD DR	TUERS RD	BELLINGHAM DR	7
SYLVIA DR	PLUMAS DR	AETNA WY	7
THORNMILL WY	UMBARGER RD	MCLAUGHLIN AV	7
TILTON CT	PELLIER DR	S END	7
TUERS RD	CAPITOL EX	150' N/ CAPITOL EX	7
TUERS RD	UMBARGER RD	150'N/CAPITOL EX	7
UMBARGER RD	MCLAUGHIN AV	TUERS RD	7

ATTACHMENT
Subject: 2021 Local Streets Resurfacing #2 Project
Page 4 of 4

STREET NAME	FROM	TO	COUNCIL DISTRICT
UMBARGER RD	MCLAUGHLIN AV	BAYSMILL CT	7
WOODMAN CT	SAMUEL DR	E END	7
WOODMINSTER DR	SHERLOCK DR	MCLAUGHLIN AV	7
ZACHARY WY	SIPPOLA WY	N END	7