

TO: Andrew P. Powers, City Manager

FROM: Clifford G. Finley, Public Works Director

DATE: February 22, 2022

SUBJECT: 2022 Pavement Overlay (CI 5538, CI 5568, and MI 2230) and Slurry Program (MI 2558)

RECOMMENDATION:

1. Approve project plans, specifications, Addenda Nos. 1 through 4, for the 2022 Pavement Overlay and Resurfacing Program (CI 5538, CI 5568, and MI 2230).
2. Award construction contract to Sully-Miller Contracting Company of Brea, CA for the 2022 Pavement Overlay and Resurfacing Program (CI 5538, CI 5568, and MI 2230) in the amount of \$13,176,154.20, plus a contingency of \$1,962,500.
3. Approve project plans, specifications, Addendum No. 1, for the 2022 Slurry Program (MI 2558).
4. Award construction contract to Petrochem Material Innovation, LLC, of Carlsbad, CA for the 2022 Pavement Slurry Program (MI 2558) in the amount of \$2,292,720, plus a contingency of \$229,300.
5. Approve Professional Services Agreement with Twining, Inc., of Long Beach, CA in the amount of \$705,135, plus extra services of \$70,515 [\$493,595 plus \$49,360 extra services (CI 5538), and \$211,540, plus \$21,155 extra services (MI 2558)] to provide material testing and inspection services for the 2022 Pavement Overlay (CI 5538) and Pavement Slurry Program (MI 2558), with a term ending June 30, 2023.
6. Approve budget appropriation increase to the FY 2021-22 Water and Wastewater Fund Budgets in the amount of \$270,000; \$70,000 from A/C #613-0000-341-9900 (Water Capital Fund, Net Position) to A/C #613-5310-682-8300 (Water Capital Fund Improvements) and \$200,000 from A/C #624-0000-341-9900 (Wastewater Capital Fund, Net Position) to A/C #624-5310-682-8300 (Wastewater Capital Fund Improvements).

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7. Approve budget transfer in the amount of \$360,000 from A/C #137-5310-631-8300 (2022 Pavement Overlay - CI 5538) to A/C #137-5310-631-8300 (2022 Citywide Curb Ramp Program - CI 5568).
8. Authorize expenditures in the amount of \$18,456,324.20 for the 2022 Pavement Overlay and Slurry Program; \$14,227,810.20 (CI 5538), \$1,157,475.00 (CI 5568), \$306,324.00 (MI 2230), and \$2,764,715.00 (MI 2558) as outlined in the budget appropriations and expenditures summary.
9. Delegate authority to the City Engineer to approve changes to the design, plans, and specifications of the projects on work directives and change orders up to the project's approved contingency amount.

FINANCIAL IMPACT:

\$270,000 Increase to FY 2021-22 Water Fund and Wastewater Fund Budgets.

Budget appropriation totaling \$270,000 is requested as follows: \$70,000 from Water Capital Fund, Net Position, and \$200,000 from Wastewater Capital Fund, Net Position (Attachment #1). Estimated project cost is \$19,785,545.

BACKGROUND:

The City maintains over 380 miles of streets valued at approximately \$700 million. It is critical to perform regular and timely maintenance on this critical asset through pavement repairs, sealing, resurfacing, and overlay programs.

The 2022 Pavement Slurry and Overlay Program includes 24.3 miles of pavement resurfacing using slurry seal, 19.1 miles of pavement overlay, 13.6 miles of micro-surfacing, and construction of 110 curb ramps and modification of 131 curb ramps to comply with Americans with Disabilities Act (ADA) requirements (Attachment #2). The Pavement Overlay Project also includes sealing of three City-owned parking lots and the Paige Lane Bike Path through Conejo Creek Park South.

Along with the traditional rubberized overlay, this year's program will utilize micro-surfacing for sealing of arterials, rubberized slurry (REAS) for residential streets, and a rubberized thin overlay for collectors and residential streets where the street condition requires additional treatment other than slurry seal.

Based on the different pavement materials, the program was split into two different contracts: the 2022 Pavement Overlay and Resurfacing Program (CI 5538, CI 5568, MI 2230), and the 2022 Pavement Slurry Program (MI 2558). Staff will closely coordinate the two contractors' work.

DISCUSSION/ANALYSIS:

On December 14, 2021, City Council authorized staff to advertise the 2022 Pavement Overlay and Resurfacing and Slurry projects for construction bids. Final plans, specifications, estimates, and solicitation for bids were published on December 16, 2021. The Notice Inviting Bids for both projects were sent to all eligible and qualified vendors on the City's bid list in accordance with the City's purchasing procedures. The bid results for both projects are presented below.

2022 Pavement Overlay & Resurfacing Project (CI 5538, CI 5568, & MI 2230)

Bids for this project were publicly opened on January 26, 2022, with the following results:

BIDDERS FOR OVERLAY	BASE BID PRICE
1. Sully-Miller Contracting Co.; Brea, CA	\$13,176,154.20
2. C.A. Rasmussen, Inc.; Valencia, CA	\$13,569,739.20
3. Toro Enterprises, Inc.; Oxnard, CA	\$14,995,213.20
4. All American Asphalt; Corona, CA	\$15,941,487.30
5. Granite Construction Co.; Santa Barbara, CA	\$15,898,825.10

Sully-Miller Contracting Company (Sully-Miller) is the apparent low bidder. Their bid of \$13,176,154.20 is approximately eight percent lower than the engineer's estimate of \$14,295,711.21. The bid package was reviewed and found to be in order. Sully-Miller has satisfactorily completed similar projects for Thousand Oaks including the 2018 and 2020 Pavement Program, and their references are acceptable. Award of the construction contract to Sully-Miller is recommended.

The overall project cost is as follows:

2022 Pavement Overlay & Resurfacing (CI 5538, CI 5568, & MI2230)	Cost
Construction Contract, City Items (this action)	\$ 13,176,154
Construction Contingency 15% (this action)	\$ 1,962,500
City Furnished Material and Supplies (this action)	\$ 10,000
Testing and Inspection (this action)	\$ 493,595
Testing and Inspection - extra services (this action)	\$ 49,360
Monument Survey Services (previously approved)	\$ 759,500
Design Support Services (previously approved)	\$ 406,952
TOTAL	\$ 16,858,061

The approved CIP Budget is as follows:

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2022 Pavement Overlay & Resurfacing (CI 5538, CI 5568, & MI 2230)	Budget
Gas Tax (Fund 132)	\$ 730,000
Gas Tax (Fund 135)	\$ 4,632,000
Gas Tax (Fund 137)	\$ 1,600,000
SB-1 Gas Tax (Fund 138)	\$ 5,194,000
Miscellaneous Developer Fees (Fund 539)	\$ 6,632,200
General Fund (Fund 001)	\$ 100,000
(Fund 110)	\$ 75,000
(Fund 671)	\$ 150,000
TOTAL PAVEMENT OVERLAY BUDGET	\$ 19,113,200

Appropriation of \$70,000 from the Water Capital Fund, Net Position to cover the necessary Water Valve Adjustments, and \$200,000 from the Wastewater Capital Fund, Net Position to cover the needed Wastewater Maintenance Hole Adjustments to the Pavement Overlay Program (CI 5538) are requested. In addition, a budget transfer, within the Gasoline Tax 2103 Fund (Fund 137), in the amount of \$360,000 from the 2022 Pavement Overlay Program (CI 5538) to the 2022 Curb Ramp Program (CI 5568) is requested to cover the full direct costs to the Curb Ramp Program.

2022 Pavement Slurry Project (MI 2558)

Bids for the 2022 Pavement Slurry Project (MI 2558) were publicly opened on January 26, 2022, with the following results:

BIDDERS FOR SLURRY	BID PRICE
1. Petrochem Materials Innovation; Carlsbad, CA	\$2,292,270
2. Pavement Coatings Co.; Jurupa Valley, CA	\$2,472,790

Petrochem Materials Innovation (PMI) of Carlsbad, CA, is the apparent low bidder. Their bid of \$2,292,270 is three percent lower than the engineer's estimate of \$2,363,700. The bid package was reviewed and found to be in order. PMI has satisfactorily completed similar projects for Thousand Oaks, including the 2016, 2018, and 2020 slurry programs, and their references are acceptable. Award of the construction contract to PMI is recommended.

The overall Pavement Slurry project costs are as follows:

2022 Pavement Slurry (MI 2558)	Cost
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Construction Contract (this action)	\$ 2,292,720
Construction Contingency 10% (this action)	\$ 229,300
Testing and Inspection (this action)	\$ 211,540
Testing and Inspection - extra services (this action)	\$ 21,155
City Furnished Materials and Supplies (this action)	\$ 10,000
Design Support Services (previously approved)	\$ 162,769
TOTAL	\$ 2,927,484

Approved CIP Budget is as follows:

2022 Pavement Slurry (MI 2549)	Budget
Gas Tax (Fund 132)	\$ 750,000
Gas Tax (Fund 137)	\$ 750,000
Miscellaneous Developer Fees (Fund 539)	\$ 1,500,000
MI 2558 SLURRY TOTAL BUDGET	\$ 3,000,000

Testing and Inspection Services

In accordance with Government Code section 4526 and Thousand Oaks Municipal Code section 3-10.401, staff solicited a Request for Proposals/Qualifications (RFP/Q) for Testing and Inspection Services. On December 16, 2021, the City published an RFP/Q for engineering firms that perform pavement testing and inspection services during construction. The City received six proposals as follows:

Proposer Name	Location
1. Construction Testing & Engineering, Inc.	Oxnard, CA
2. Filippin Engineering, Inc.	Ventura, CA
3. G3 Quality	Cerritos, CA
4. RMA Group	Carson, CA
5. Twining, Inc.	Long Beach, CA
6. Willdan & Associates, Inc.	Anaheim, CA

Staff evaluated each proposal for content, qualifications, and quality. Twining, Inc., was selected to provide testing and inspection services based on:

1. Experience with program materials and qualifications;
2. Key personnel experience with similar projects;
3. Knowledge of scope and project approach; and
4. Best overall qualifications and proposal.

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Staff recommends City Council approve the Professional Services Agreement with Twining, Inc. (Attachment #3) for a not-to-exceed amount of \$705,135. These costs are in line with similar services obtained for previous pavement programs.

Construction is anticipated to start in March 2022 and be completed by November 2022. The project plans, specifications, and Addenda for both projects are available for review upon request with the Public Works Department at publicworks@toaks.org or (805) 449-2400.

Community Outreach: Staff developed a comprehensive outreach campaign to keep residents informed and up to date. The pavement project branding strategy includes a project logo, slogan, dedicated webpage (www.toaks.org/streets), and phone number (805) 449-2487.



Residents will be notified prior to construction using a variety of communication tools including City social media outlets, changeable message signs, and project identification boards. Notices will be distributed to local utilities and Homeowners Associations impacted by street closures. Public outreach will continue as work progresses on this project with regular updates sent out through all of the City's communication outlets.

CIP PROJECT PRIORITY (As outlined in FY 2021-22 & FY 2022-23 CIP Program Budget)

Priority Two – Necessary, but not essential, and there could be consequences if deferred.

This project meets City Council's Top Ten Priorities #9 to, "Adopt and implement two-year Operating and Capital Improvement budgets that are aligned with best practices on fiscal sustainability and financial resiliency. Make strategic investments in existing critical public works infrastructure including pavement management, sidewalks, water resources, and streetscape."

COUNCIL GOAL COMPLIANCE:

Meets the following City Council goal(s):

C. Operate City government in a fiscally and managerially responsible and prudent manner to ensure that the City of Thousand Oaks remains one of California's most desirable places to live, work, visit, recreate, and raise a family.

F. Provide and enhance essential infrastructure to ensure that the goals and policies of the Thousand Oaks General Plan are carried out and the City retains its role and reputation as a leader in protecting the environment and preserving limited natural resources.

PREPARED BY: Michelle McCarty, Engineering Associate

Attachments:

- Attachment #1 – Budget Appropriations and Expenditures Detail
- Attachment #2 – 2022 Pavement Overlay and Resurfacing Program Map
- Attachment #3 – Testing and Inspection Agreement with Twining, Inc.

Documents Under Separate Cover:

- #1 – Project plans, specifications, and Addenda Nos. 1 through 4 for the 2022 Pavement Overlay and Resurfacing Program
- #2 – Project plans, specifications, and Addendum No. 1 for the 2022 Pavement Slurry Project