

City of Hesperia STAFF REPORT



DATE: May 20, 2025

TO: Mayor and Council Members
Chair and Board Members, Hesperia Water District

FROM: Rachel Molina, City Manager

BY: Cassandra Sanchez, Director of Public Works/City Engineer
Kevin Sin, Deputy City Manager
Tina Sousa, Senior Project Manager
Cristina Hall, Assistant Project Manager

SUBJECT: Construction Contract for Maple Avenue Sewer Line Replacement, C.O. No. 9018

RECOMMENDED ACTION

It is recommended that the City Council and Board of Directors of the Hesperia Water District:

- 1) Award a construction contract for the Maple Avenue Sewer Line Replacement project, C.O. No. 9018, to the responsive and responsible bidder, CEM Construction, for the bid amount of \$1,341,200, add Alternate A for the amount of \$20,000, plus a 10% contingency of \$136,120 for a not-to-exceed total of \$1,497,320.
- 2) Approve the project as represented by the plans and specifications; and
- 3) Authorize the City Manager or designee to execute the contract and any other necessary documents related to the project.

BACKGROUND

Maple Avenue currently contains a 12" sewer trunk line that is facing significant issues, including sagging and surcharging of the line and manholes. This line extends down Maple Avenue, connecting to sewer mains that eventually link to the Victor Valley Wastewater Reclamation Authority (VWRA) line on the east side of the railroad tracks.

The portion of the sewer line between Sultana Street and Yucca Street exhibits sagging in several areas, resulting in gravity feed failure, or retention of water and solids in the line, and subsequently, reduced flow and capacity. Consequently, surcharging occurs in the line and manholes, potentially leading to overflows. The flow in this line is approximately 287,000 gallons per day, making any overflow or surcharge event a concern. To mitigate the potential for these events, the line requires constant cleaning and maintenance to ensure it maintains moderate flows. The cause of the sag is unclear, with possible explanations including failed compaction (soil shifting or settling) or misalignment of the manholes, causing the sewer pipe to bend.

The proposed project seeks to remedy these issues by replacing the problematic sewer line and abandoning the existing sewer main. The work will include connecting the existing laterals to the new sewer main.

ISSUES/ANALYSIS

The project was advertised for bids on February 26, 2025, through Public Purchase, the City's online bidding platform. Bids were received on March 27, 2025. The bid results for the project were as indicated in Attachment 1, Bid Results Summary. The project is awarded based on these base bid amounts.

Staff reviewed the bids, evaluating accuracy, compliance with bid requirements, costs, experience, and references. Staff recommends awarding the subject project to the lowest responsive and responsible bidder, CEM Construction. With 13 years of experience, CEM Construction has delivered successful projects in Inglewood, Laguna Beach, Anaheim, and more. As specified in the bid documents, the contractor must execute and return the contract, along with other specified documents required, within ten (10) calendar days following receipt of a Notice of Award. Construction is anticipated to begin in early Summer 2025.

In addition, there was an Alternate Bid Item A to sack slurry the existing sewer main and manholes to be abandoned, which the City may award to the contractor at its discretion. Due to existing issues with the sewer line, staff is recommending to include Alternate Bid Item A in the amount of \$20,000 in the contract award. The total award is as follows:

Base Bid:	\$1,341,200
Add Alternate A:	\$ 20,000
Contingency:	<u>\$ 136,120</u>
Total Contract:	\$1,497,320

CITY GOAL SUPPORTED BY THIS ITEM

Capital Improvement – Continually evaluate capital improvement priorities.

FISCAL IMPACT

Funding in the amount of \$1,497,320 will be included in the FY 2025-26 Proposed Capital Improvement Program (CIP) Budget.

ALTERNATIVE(S)

1. Provide alternative direction to staff.

ATTACHMENT(S)

1. Attachment 1 – Bid Results Summary