



DATE: May 19, 2026

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: Adopt a Resolution Approving the Plans and Specifications and Calling for Bids for the FY24 Sewer Line Replacement Project, Project No. 07789

RECOMMENDATION

That City Council adopts a resolution (Attachment II) approving the plans and specifications for the FY24 Sewer Line Replacement Project, Project No. 07789, and calling for construction bids to be received on June 30, 2026.

SUMMARY

The Utilities Division of the Department of Public Works & Utilities manages replacement of the City's undersized or structurally damaged sewer mains through annual Capital Improvement Program (CIP) projects. The FY24 Sewer Line Replacement Project will improve the capacity and maintain the operability of the sewer collection system by replacing or rehabilitating approximately 4.68 miles of existing vitrified clay pipe (VCP) and asbestos cement pipe (ACP) ranging in diameter from 6 to 10-inch with new 8, 10, 12, 15, or 18-inch PVC or HDPE pipe. This project includes twenty-six locations throughout the City (Attachment III). Approximately 2.04 miles will be replaced by traditional open-cut method, another approximately 0.77 mile will be replaced by trenchless technology used to cross under obstructions that prohibit open-cut installation, and approximately 1.87 miles will be repaired with Cured-In-Place Pipe (CIPP) lining. Design has been completed and bid documents have been prepared. Staff is requesting City Council's approval of the plans and specifications and calling for bids to be received on June 30, 2026.

FISCAL IMPACT

There are no impacts to the General Fund or Measure C.

The estimated costs for the FY24 Sewer Line Replacement Project are as follows:

Construction Contract	\$14,359,000
Professional Engineering Services – Consultant	\$836,100
Inspection & Testing	\$612,400
Construction Administration – City Staff	<u>\$924,000</u>
Total	\$16,731,500

The adopted FY26 CIP includes \$23,000,000 for the FY24 Sewer Line Replacement Project, Project No. 07789, in the Sewer Replacement Fund 611, of which the estimated \$4,835,000 will be used for the A Street Sewer Line Replacement Project. The net remaining amount in the Sewer Replacement Fund 611 for this project is \$18,167,000. Due to the rising cost of construction labor and materials, the City needs to go through the bidding process to determine the most current project budget. Should the construction cost exceed the funds currently allocated, staff will return to City Council to request that additional funds are appropriated to cover the additional cost.

BACKGROUND

The City’s current CIP includes funding to replace the City’s undersized or structurally damaged sewer mains through annual sewer line replacement projects. The City operates approximately 325 miles of sanitary sewer mains. The Utilities Division staff performs regular sewer main cleaning and has an ongoing program to monitor and inspect the condition of the City’s sanitary sewer collection system using closed circuit television (CCTV) technology. The inspection is performed by placing a camera, mounted on tracks, inside a sewer pipe and remotely guiding it through the length of the pipe to identify structurally damaged sewer mains for repair or replacement.

On February 20, 2024¹, City Council approved Resolution No. 24-066, authorizing the City to enter into a Professional Services Agreement with BKF Engineers (BKF), for design services and technical support during construction. The City has completed the environmental analysis for the construction of the FY24 Water and Sewer Line Replacement Projects in accordance with the California Environmental Quality Act (CEQA) and City Council adopted the Initial Study/Mitigated Negative Declaration document on March 17, 2026. Combining both water and sewer projects into one analysis allows for better design efficiencies and economies of scale.

DISCUSSION

The FY24 Sewer Line Replacement Project consists of replacing 24,700 linear feet of VCP and ACP pipes with HDPE and PVC pipes by open trench and pipe bursting in addition to providing CIPP for existing pipes. Traditional open-trench sewer repair involves excavating a trench of approximately two to four feet in width and to the depth of the damaged or

¹ <https://hayward.legistar.com/LegislationDetail.aspx?ID=6517563&GUID=3DE2D074-1334-47C7-8115-C6F3C5D16B78>

undersized pipe. Once the sewer main is exposed, the damaged or undersized section is removed and replaced with new pipe. At the same time, a portion of the existing sewer laterals that connect to the sewer are replaced and services are restored. When the repair is complete, the open trench is backfilled, compacted, and paved to match the original pavement section. The pipe bursting method uses a bursting head that is pulled through the existing pipe and pushes the pipe outward until it breaks apart. At the same time, the bursting head pulls the new pipe behind it and fills the space created by the old pipe with the new pipe. The CIPP technique installs a resin-impregnated flexible tube inside the existing pipe, then inflates, and cures it with hot water or steam to form a structurally sound, water-tight new pipe within the host pipe with full standalone structural properties.

Construction is anticipated to begin in Fall 2026 and take approximately 12 months.

ECONOMIC IMPACT

The community will enjoy the benefits of the project, including the continued operability and serviceability of the sewer collection system. Furthermore, robust and reliable sewer infrastructure can help foster economic development and viability in the City.

Replacing the sewer main and appurtenances are part of an effort to, pursuant to City Council direction, modernize and upgrade existing infrastructure. The project will reduce operations and maintenance costs associated with servicing the undersized and structurally defective sewer mains. In addition, staff time attending to issues related to high frequency maintenance and sanitary sewer overflows will be reduced.

STRATEGIC ROADMAP

This agenda item supports the Strategic Roadmap, which includes Invest in Infrastructure as one of the strategic priorities. Specifically, this item relates to the implementation of Objective 4: Invest in Water Supplies, Sanitation Infrastructure & Storm Sewers under “Invest in Infrastructure:”

N20: Replace an average of 2.5 miles of sewer pipelines annually

SUSTAINABILITY FEATURES

The repair and replacement of deteriorating sewer lines reduce the risk of sewer overflows, which can cause untreated wastewater to flow into public waterways.

PUBLIC CONTACT

Prior to and during construction, notices will be provided to affected residents, property, and business owners to inform them of the nature and purpose of the work, potential impacts, work schedule and City contact for additional information. In addition, staff will separately contact any large employers and schools that may be affected by the project and coordinate work to minimize impact.

NEXT STEPS

If City Council approves the project, staff will solicit the construction project for public bidding and return to City Council for the award of the construction contract, after construction bids have been received and reviewed.

The following schedule has been developed for this project:

Receive Bids	June 30, 2026
Award Construction Contract	July 28, 2026
Notice to Proceed	September 2026
Construction Completion	Fall 2027

Prepared by: Derek Pham, Senior Utilities Engineer

Reviewed by: Zaheer Shaikh, Utilities Engineering Manager

Recommended by: Alex Ameri, Director of Public Works

Approved by:



Jennifer Ott, City Manager