



DATE: March 24, 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 Sewer Rehabilitation Project on Hesperian Boulevard at West A Street, Project No. 07832, and Approving the Appropriation of \$1,350,000 from the Sewer Replacement Fund

RECOMMENDATION

That the City Council adopts a resolution (Attachment II) approving:

- 1) plans and specifications, and calling for bids for the Sewer Rehabilitation Project on Hesperian Boulevard at West A Street, Project No. 07832; and
- 2) the appropriation of \$1,350,000 from the Sewer Replacement Fund (Fund 611).

SUMMARY

Staff proposes rehabilitating approximately 700 linear feet of 33-inch reinforced concrete pipe (RCP) sewer main on Hesperian Boulevard using the trenchless cured-in-place pipe (CIPP) method to address structural deficiencies and extend the service life of the sewer. CIPP involves inserting a resin-saturated liner into the existing pipe and curing it in place using steam, hot water, or ultraviolet (UV) light, forming a new jointless liner within the host pipe. The project includes a localized excavation to repair a section of pipe with an extensive deterioration that was observed during closed-circuit television (CCTV) inspection. Both the CIPP installation and local repairs require full bypass pumping of sewer flows during the construction. Work will also include pre- and post-construction CCTV inspections, traffic control, and coordination with City field staff. Design specifications and bid documents have been prepared for the rehabilitation project. Staff is requesting City Council's approval of the call of bids to be received by April 14, 2026.

The adopted FY 2026 CIP does not have funds specifically identified for the Hesperian Sewer Rehabilitation Project. However, the project is necessary to maintain service, protect public health, and prevent costly emergency repairs. As such, staff recommend that City Council authorize the City Manager to appropriate \$1,350,000 from the Sewer Replacement Fund (Fund 611), which has sufficient available funds to support this project, and to fully fund the project in FY 2026.

The project site is located along the southbound lanes of Hesperian Boulevard beginning at the intersection of Hesperian Boulevard and West A Street. The approximate locations of the project site and the 2024 sinkhole are shown on the map below.



Figure 1 - Project Location and 2024 Sinkhole Location along Hesperian Boulevard
Base aerial imagery from Google Earth; annotations by City staff.

DISCUSSION

Proposed Project and Justification

To address the identified deficiencies, staff proposes rehabilitating approximately 700 linear feet of 33-inch RCP sewer main on Hesperian Boulevard using CIPP. This trenchless method installs liner within the existing pipe, creating a new pipe inside the old one. CIPP

will restore structural integrity, extend service life, and minimize surface disruption compared to traditional open-cut replacement.

A localized excavation will be required to repair the section of pipe with the visible void. Full bypass pumping of the sewer flows along the pipe segment will be required during CIPP installation and local repairs. Additional work will include pre-cleaning of sewer main, pre- and post-construction CCTV inspections, traffic control measures, and coordination with City field staff for inspection and oversight.

Evaluation of Alternatives

Several trenchless repair options were considered, including CIPP, High-Density Polyethylene (HDPE) sliplining, segmental sliplining, and spiral wound liners. Pipe bursting was not viable for the existing 33-inch RCP pipe. Among the options, CIPP was determined to be the more practical and cost-effective method, offering structural restoration with minimal roadway surface disruption and a short installation timeline. Other methods would require larger excavations, longer schedules, additional traffic control, or had limited City experience and contractor availability. CIPP has a proven track record in the City, having been successfully implemented on multiple projects over the past three decades. Discussions were held with qualified contractors, and a preliminary engineer's estimate was prepared to support budgeting and scheduling.

Recommendation

Based on the urgency of repair, structural needs, and desire to minimize disruption, staff recommends the CIPP lining as the preferred trenchless repair method.

CEQA Exemption

The project qualifies for a categorical exemption of environmental review under the California Environmental Quality Act (CEQA), pursuant to CEQA Guidelines Section 15301, Class 1, which covers repair and maintenance of existing infrastructure with negligible or no expansion of use.

ECONOMIC IMPACT

Proactive maintenance and repair of aging utilities infrastructure is essential to maintain service, protect public health, and avoid costly emergency repairs. Rehabilitating the 700-foot-long segment of 33-inch RCP sewer main on Hesperian Boulevard with trenchless CIPP technology addresses structural deficiencies before they escalate, reducing the risk of service interruptions, sinkholes, and damage to surrounding infrastructure. This approach represents a cost-effective investment in the long-term reliability and safety of the sewer system.

STRATEGIC ROADMAP

This agenda item supports the various goals of City Council's Strategic Roadmap. The Hesperian Sewer Rehabilitation project will increase the reliability of the City's sewer

collection system, while supporting the goals of City Council. Specifically, this item relates to the implementation of the following strategic objectives:

Invest in Infrastructure

- *Invest in City-owned facilities & property*
 - *Enhance local water supplies and wastewater systems*

PUBLIC CONTACT

The public will be informed about this project through standard City notification procedures, including coordination with nearby residents, businesses, and other stakeholders along Hesperian Boulevard. Notifications will provide details on the construction schedule, traffic control measures, and any temporary construction-related impacts. The project will not result in any disruption of sewer service to community residents or businesses.

Construction will require temporary lane closures within the southbound travel lanes of Hesperian Boulevard in the vicinity of the project limits. Lane closures will occur between 9:00 AM and 3:00 PM, to minimize impacts on commuter traffic. Skywest Drive provides a parallel local street route that reconnects with Hesperian Boulevard south of the project limits and can accommodate diverted traffic during construction. If necessary to accommodate construction activities, limited night work may be permitted in accordance with City requirements and the approved traffic control plan. All work will be performed under an approved work zone traffic control plan in coordination with Alameda County Public Works. Access to adjacent businesses and properties will be maintained throughout construction.

The project will require an encroachment permit from the County for traffic control, and appropriate approvals and coordination will be obtained prior to construction. The City will install signage in advance of construction and provide updates on the City website as appropriate. Contact information for City staff will be made available to address questions or concerns throughout the project duration.

NEXT STEPS

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

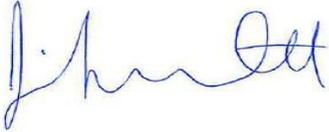
The following schedule has been developed for this project, contingent upon City Council approval.

Receive Bids	April 14, 2026
Award Construction Contract	May 2026
Notice to Proceed	June 2026
Construction Completion	September 2026

Prepared by: Steven Wolfe, Associate Civil Engineer
Zaheer Shaikh, Utilities Engineering Manager

Recommended by: Alex Ameri, Director of Public Works

Approved by:

A handwritten signature in blue ink, appearing to read "Jennifer Ott". The signature is fluid and cursive, with the first name "Jennifer" written in a larger, more prominent script than the last name "Ott".

Jennifer Ott, City Manager