



**DATE:** March 19, 2019

**CATEGORY:** Consent

**DEPT.:** Public Works

**TITLE:** **Leong Drive Water and Sanitary Sewer Main Replacement, Projects 16-21 and 16-22 – Approve Plans and Specifications/Authorize Bidding; and Adopt the Mitigated Negative Declaration and Mitigation**

### **RECOMMENDATION**

1. Approve plans and specifications for Leong Drive Water and Sewer Main Replacement, Projects 16-21 and 16-22, and authorize staff to advertise the projects for bids.
2. Authorize the City Manager to award a construction contract to the lowest responsible bidder if the low bid is within the project budget.
3. Approve the Mitigated Negative Declaration for Leong Drive Water and Sewer Main Replacement, Projects 16-21 and 16-22.

### **BACKGROUND**

The recommended projects include the replacement of both water and sewer mains along Leong Drive between Walker Drive and Evandale Avenue. In addition, the sanitary sewer main improvements include replacement of the existing main, from 750 Moffett Boulevard across Moffett Boulevard and a private property (850 Leong Drive) onto Leong Drive, and installation of a new sewer main on Leong Drive from Evandale Avenue to Fairchild Drive (see Figure 1).

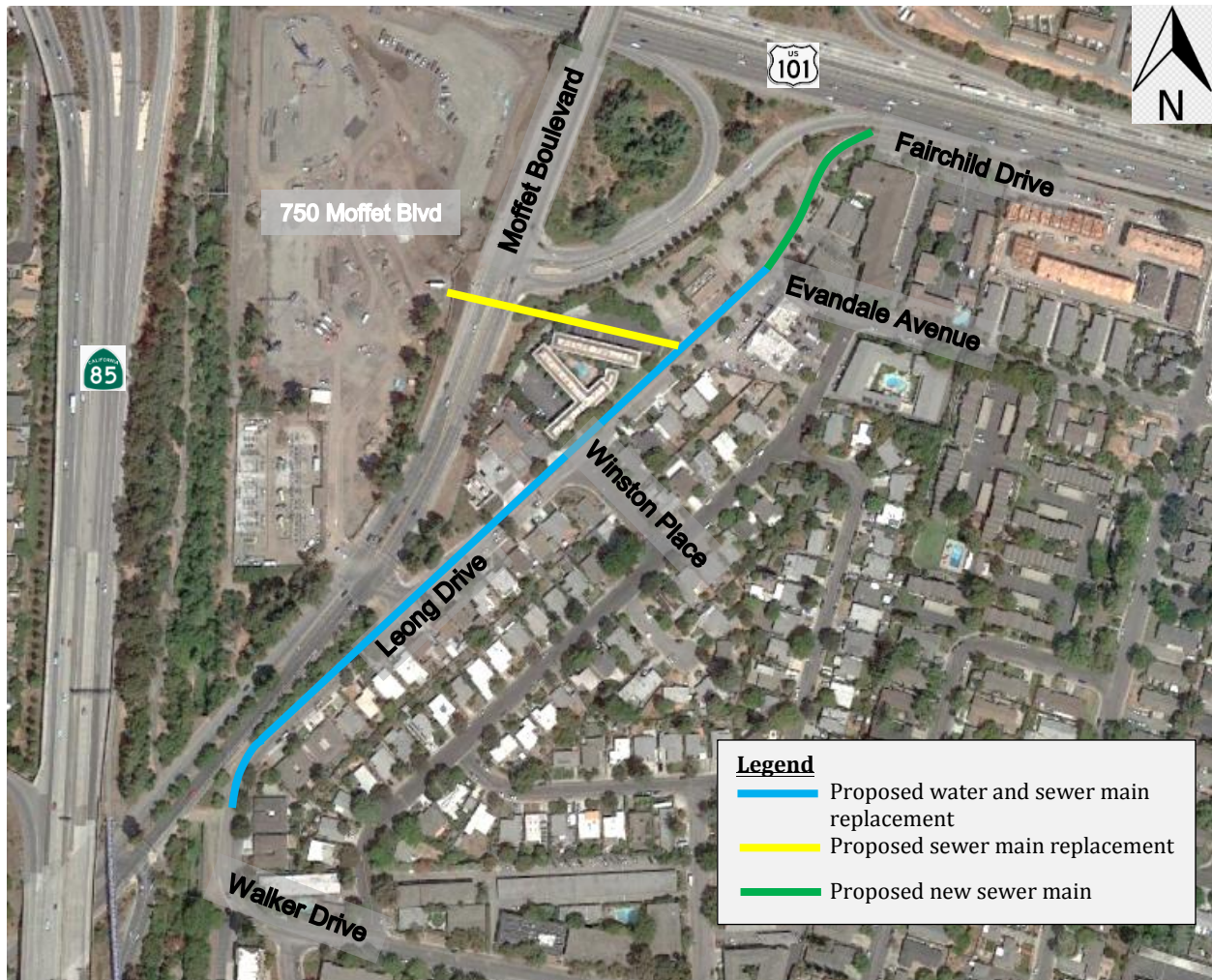


Figure 1

The project is planned for a number of reasons. The City’s sanitary sewer system generally flows from south to north. Three main trunks, the Central Trunk, East Trunk, and West Trunk, collect and convey wastewater to the northern part of the City. The main trunks terminate at the Shoreline Sewer Pump Station, and from there sewage is pumped to the San Antonio Meter Station, where the City and the Los Altos trunk join and convey to the Palo Alto Regional Water Quality Control Plant.

The City’s 2030 General Plan Update Utility Impact Study (2011) identified capacity issues in the Central Trunk in the future build-out conditions. The recommended project would remove flow from the Central Trunk by diverting flow at Leong Drive to the East Trunk, which has sufficient capacity (see Figure 2). The project also replaces the 66-year old sanitary sewer line with a new pipe.



Figure 2

The water main improvement portion of the project would ensure adequate water supply and fire flow to the Ameswell development at 750 Moffett Boulevard, as well as replacing a 67-year old water main. The conditions of approval for the Ameswell project included a developer reimbursement of the actual design and construction costs for the water main replacement on Leong Drive between Walker Drive and Winston Place.

### ANALYSIS

Plans and specifications are complete, and staff recommends that Council approve the project for bidding.

The City obtained the necessary temporary construction easement from the property owner on February 12, 2019, and a Caltrans encroachment permit for the proposed sewer main replacement from 750 Moffett Boulevard across Moffett Boulevard and a private property (850 Leong Drive) onto Leong Drive.

In order to construct the proposed project, two Heritage trees were removed in January 2019, prior to the 2019 bird nesting season. As mitigation of this loss, four 24" box trees will be replanted within the project limits at the end of project construction.

### Estimated Project Cost

The project plans and specifications have been completed and the estimated project cost is as follows.

Construction	\$6,125,000
Construction Contingency (15%)	919,000
Project Management	50,000
City Construction Management and Special Inspection	275,000
Environmental and Other Consulting Services	375,000
Temporary Construction Easement	222,000
Printing and Other Miscellaneous Costs	<u>15,000</u>
Subtotal	\$7,981,000
City Administration @ 6.5%	<u>518,800</u>
TOTAL PROJECT COST	<u>\$8,499,800</u>

If the recommended actions are approved and a responsive bid within the project budget is received, construction is anticipated to begin in June 2019 and be completed in early 2020.

### ENVIRONMENTAL REVIEW

An Initial Study and Mitigation and Monitoring/Reporting Program were prepared for the proposed project in accordance with the California Environmental Quality Act (CEQA), the CEQA Guidelines, and the regulations and policies of the City. The analysis determined that implementation of the mitigation measures identified in the Initial Study, and included in the proposed project, would reduce the project's significant impacts to a less-than-significant level under CEQA. This is due to the

projects being within a developed area where all major infrastructures are in place. Therefore, the proposed projects would not have a significant impact on the environment, and adoption of the Mitigated Negative Declaration is recommended.

The public review period for the Initial Study and proposed Mitigated Negative Declaration (Attachment 1) was from February 2, 2018 to March 5, 2018. Staff received an e-mail from Caltrans with minor comments, which were incorporated in the proposed Mitigated Negative Declaration.

### **FISCAL IMPACT**

The Leong Drive Water and Sanitary Sewer Main Replacement Construction, Project 19-41, is funded with \$2,000,000 and \$6,500,000 from the Water Capacity Fund and Wastewater Capacity Fund, respectively. There is sufficient budget to cover the estimated project cost.

### **ALTERNATIVES**

1. Defer construction.
2. Provide other direction.

## **PUBLIC NOTICING**

Staff has coordinated the project with the property owners of 850 Leong Drive, 870 Leong Drive, and the 750 Moffett Boulevard development where the contractor will be directly working on their properties. Individual letters were sent to property owners near the project sites. An announcement will be posted on the City’s website. Prior to construction activities, advance signage will be displayed and notification will be distributed by the contractor to individual parcels.

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TST/TS/1/CAM  
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Attachment: 1. [Initial Study/Mitigated Negative Declaration and Monitoring/Reporting Program](#)

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