



Agenda Item

City Council

Item #: 3.8.

4/9/2024

File #: 24-0216

TO: Honorable Mayor and Members of the City Council

THRU: Tom Kisela, City Manager

FROM: Christopher Cash, Public Works Director

1. SUBJECT

Approval of plans and specifications for Annual Sewer Replacement and Maintenance, Fiscal Year 2023-2024; authorization to advertise for bids; and finding of CEQA exemption.

2. SUMMARY

Plans and specifications have been completed, and the project is ready to be advertised for bids. The total estimated construction cost, including contingencies and construction engineering (15%), is \$2,591,473.

3. RECOMMENDED ACTION

1. Approve the plans and specifications and authorize advertising for Bid No. 23-24.35, Annual Sewer Replacement and Maintenance, FY 2023-24 (S-250).
2. Find that the proposed project is categorically exempt from the provisions of the California Environmental Quality Act (CEQA) per State CEQA Guidelines 15301 (Class 1(c) - Existing Facilities).

4. FISCAL IMPACT

None.

5. STRATEGIC PLAN GOALS

Goal 1: Provide for a safe community

- b: Provide and maintain infrastructure necessary to ensure the safety of the public.

Goal 4: Provide outstanding public service

- b: Provide facilities and services to meet customer expectations.

6. DISCUSSION AND BACKGROUND

The City of Orange prepared the Sewer Collection System Master Plan update in 2012 as a planning tool to mitigate potential cumulative impacts to the sewer collection system from the City's 2010 General Plan. The Sewer Master Plan (SMP) identifies projects that replace the aging sewer infrastructure, pipes that are structurally deficient, and pipeline capacity enhancements. In addition to the SMP, the Public Works Engineering Division coordinates with the Public Works Field Services Division to ensure that field observations of the sewer hotspots and localized failures are identified and addressed as part of the Capital Improvement Program. The identified locations are either structurally deficient sewer mains or locations that require a higher than normal level of maintenance

for several reasons but generally due to offset joints, tree roots, broken sections, or being undersized.

Public Works will be replacing approximately 4,200 linear feet of existing six-inch sewer pipe with eight-inch pipe, replacement of 970 linear feet of six-inch sewer pipe with ten-inch pipe, rehabilitation of 600 linear feet of six-inch pipe with cure-in-place pipe liner and corresponding manhole remodeling/replacement. Additionally, the scope of work would also include reconnecting all impacted service lateral.

Additionally, the City of Orange has identified a portion of the street along Meadowridge Road and Westridge Drive to have water run-off issues due to underground water drainage. This causes both algae to build up and damage to street pavement. Therefore, staff recommends the installation of an underground eight-inch storm drain line that is approximately 670 linear feet, along with two catch basins to mitigate run-off problems associated with the constant water flow.

Public Works has prepared plans and specifications to fix these issues and is ready to advertise for bids. The total estimated construction cost, including 15% for contingencies and construction engineering, is \$2,591,473. This project will be funded entirely out of the Sanitation Fund. Construction is scheduled to begin in June 2024 and is expected to be completed within 120 calendar days.

Specifications and cost estimates are available for review in the Public Works Department.

7. ENVIRONMENTAL REVIEW

Categorical Exemption: The proposed project is categorically exempt from the provisions of the California Environmental Quality Act (CEQA) per State CEQA Guidelines 15301 "Existing Facilities" Class 1 because the project involves the repair and maintenance of existing facilities with no expansion of existing use.

8. ATTACHMENTS

- Location Map