



City of Huntington Beach

File #: 21-641

MEETING DATE: 9/15/2021

PUBLIC WORKS COMMISSION REQUEST FOR ACTION

SUBMITTED TO: Chairman and Members of the Commission

SUBMITTED BY: Sean Crumby, PE, Director of Public Works

Subject:

Street Lighting Replacement - Orange Avenue from Second Street to Eleventh Street (CC-1612)

Statement of Issue:

Plans and specifications for the modification of the street lighting system along Orange Avenue from Second Street to Eleventh Street are in final preparation with advertising anticipated in November 2021, City Council Award and construction are anticipated to follow in 2022.

Funding Source:

The engineer's cost estimate for this project is \$430,000. Funds in the amount of \$430,000 are budgeted in Proposition 42 Account Number 21990423.82850.

Recommended Action:

Motion to approve the project for Street Lighting Replacement on Orange Avenue, CC-1612, is in general conformance with the approved FY 2021/2022 Capital Improvement Program (CIP).

Alternative Action(s):

Recommend changes to the project.

Analysis:

This segment of the existing street lighting system is approximately 80 years old and the poles and conduits are severely rusted or corroded in many places. The system operates at 6,000 volts, whereas the current design practice is 120 or 240 volts. The combination of high voltage and the deterioration of the system increase the risk in performing maintenance and construction projects in the area. The street lighting circuit is also compromised as a result of age and degradation.

The project limits will be along Orange Avenue from Second Street to Eleventh Street. The project will include all new poles, luminaires, conductors and electrical service equipment.

The estimated cost for this project is \$430,000, including the City purchase of poles and luminaires.

Construction will be scheduled for the spring of 2022.

Attachment(s):

1. Project Location Map
2. Plans