



DATE: February 5, 2024

TO: Mayor and Members of the City Council

VIA: Stefan Chatwin, City Manager
Marlene Subhashini, Assistant City Manager

FROM: Andrew Brozyna, Public Works Director
Justin Lai, Senior Civil Engineer

DEPARTMENT: Public Works

SUBJECT: NEW TRAFFIC SIGNALS AT VARIOUS LOCATIONS (CIP 301-681) - NOTICE OF COMPLETION

RECOMMENDATION

It is recommended that the City Council adopt the attached resolution accepting the work performed by Columbia Electric, Inc. (CEI) for the construction of the New Traffic Signals at Various Locations Project (CIP 301-681) and directing the City Clerk to file the Notice of Completion.

EXECUTIVE SUMMARY

CIP 301-681 consists of improving four intersections previously identified by staff, City Council, and consultants, with new traffic signals, striping, and concrete flatwork. The work has been completed in conformance with the contract documents. It is recommended that the City Council accept the work and direct the City Clerk to file the Notice of Completion (NOC).

BACKGROUND

City Resolution No. 2022-43 adopted on May 2, 2022, approved the execution of a construction contract with Columbia Electric, Inc. in the amount of \$ 2,831,134.25 for CIP 301-681 and established a project contingency of \$425,000. In addition, an appropriation in the amount of \$4,391.50 to the existing project budget 301-0910-681-

4251 for funds previously collected from the San Mateo – Foster City School District for its share of the PG&E costs associated with the Project was included as part of City Resolution No. 2022-43. Additionally, a payment of \$352,079.22 from the San Mateo – Foster City School District to cover their shared costs was collected and appropriated to fully fund the project.

Construction began in June 2022 and was substantially completed in July 2023. Day-to-day construction management and inspection services were performed by in-house staff with assistance from the design consultant. The contractor has completed all punch list items of work.

ANALYSIS

The construction work included the installation of traffic signals and intersection improvements at the following four locations:

1. Beach Park Boulevard and Gull Avenue (North)
2. Foster City Boulevard and Polynesia Drive
3. Edgewater Boulevard and Port Royal Avenue (North)
4. Shell Blvd and Beach Park Blvd

The work included installing concrete ramps and marking crosswalks to make the crossings accessible and safer for the public.

During the project a total of five (5) contract change orders were issued, totaling \$260,472.74. Contract Change Order #1 (CCO#1) addressed the purchase of poles that had not been procured as City furnished items prior to bid, and the relocation of a traffic pole due to a utility conflict which required the installation of an additional pedestrian push button to meet ADA standards. CCO#2 addressed the additional labor and materials required to over excavate for the pole foundation at Beach Park and Shell due to poor soil conditions encountered. CCO#3 addressed several quantity increases associated with extended concrete sidewalk, curb, and gutter replacements at three of the intersections which resulted in a better-quality product. Additionally, utility conflicts encountered, required the relocation of poles at multiple locations which led to pole and mast arm modifications. CCO#4 addressed the installation of temporary steel casing to pour the foundations at Edgewater Blvd. and Port Royal due to unstable soil conditions. It additionally includes the cost of re-routing an underground conduit due to a PG&E error. The City subsequently submitted a claim and recovered the full amount of \$20,932 back from PG&E. CCO#5 addressed striping modifications due to a bike lane that was installed following the design of the project, and an adjustment of working days due to delays outside of the contractor's control.

Given that Columbia Electric, Inc. has completed its work in conformance with the contract documents, it is recommended that the City Council accept the work and direct the City Clerk to file the Notice of Completion.

CALIFORNIA ENVIRONMENTAL QUALITY ACT

Categorically Exempt pursuant to CEQA Guidelines Section 15061(b)(3) and 15301(c)
– Existing Facilities

FISCAL IMPACT

The following is the project expenditure summary:

Project Budget

CIP 301-681 – Resolution 2022-43	\$ 4,238,970.72
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Construction Contract Expenses

Contract Agreement with Columbia Electric, Inc.	\$ 2,831,134.25
CCO #1 – Extra Work & Quantities Adjustment Change Order	\$ 20,133.90
CCO #2 – Extra Work & Quantities Adjustment Change Order	\$ 21,540.13
CCO #3 – Extra Work & Quantities Adjustment Change Order	\$ 122,270.49
CCO #4 – Extra Work & Quantities Adjustment Change Order	\$ 93,103.22
CCO #5 – Extra Work & Quantities Adjustment Change Order	<u>\$ 3,425.00</u>
Total Construction Contract	\$ 3,091,606.99
Total Construction Contract Expensed (includes quantity corrections)	\$ 3,077,718.99

Other Project Related Expenses

Consultant/Designer – Traffic Patterns	\$ 225,050.00
Advertisement/Miscellaneous Expenses (includes City Furnished Poles)	<u>\$ 323,501.39</u>
Total Other Project Related Expenses	\$ 548,551.39

Total Project Expenses to date	\$ 3,626,270.38
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Project Budget Balance	\$ 612,700.34
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The contract work has been completed and the NOC can now be filed. Council action at the February 5th Council Meeting will establish the official date of completion of the work performed by Columbia Electric, Inc., formalizing the City's acceptance of the contract work and allowing final payment to the contractor be made. The project budget balance (unused funds) will be returned to the General Fund.

CITY COUNCIL VISION, MISSION, AND VALUE/PRIORITY AREA

Facilities and Infrastructure

ATTACHMENTS:

Attachment 1 – Resolution

Attachment 2 – Notice of Completion