



City of Emeryville

CALIFORNIA

MEMORANDUM

DATE: February 18, 2020

TO: Christine Daniel, City Manager

FROM: Christine Daniel, Acting Public Works Director

SUBJECT: **Resolution Of The City Council Of The City Of Emeryville Accepting The Powell Overhead Joint Seal Replacement And Deck Seal Project, EPW 17-106 (CIP T-02: CIP No. 16475037), As Complete And Authorizing The City Engineer To File A Notice Of Completion With The Alameda County Clerk And Appropriating The Remaining Balance Of The Project Budget In The Amount Of \$230,051 To The Structure Deck Seal, Repair and Maintenance Program (CIP T-12) in the Capital Improvement Program for Fiscal Year 20-21**

RECOMMENDATION

Staff recommends that the City Council adopt the above referenced resolution.

BACKGROUND

The Capital Improvement Program ("CIP") adopted by the City Council in June 2019 includes funding for the Powell Street Overhead Joint Seal Replacement and Deck Seal Project (CIP No. 16475037). In order to preserve the serviceability of the Powell Street Overhead it is necessary to perform periodic maintenance on weather vulnerable portions of the bridge. In July 2018, the City contracted with Wiss, Janney, Elstner Associates Inc. to investigate the bridge deck cracking, expansion joint condition and overall deck integrity and prepare design documents based on the investigation results.

The deck investigation revealed that while the deck itself is sound but in need of sealing, the existing joint seals are worn and damaged and asphalt concrete at the eastern abutment needs repair. The project scope includes installation of methacrylate deck seal material, removal and replacement of existing expansion joints, and installation of new bridge striping. Additionally, project specifications have been developed so that lane closures will occur only during non-peak traffic hours.

On October 1, 2019, the City Council adopted Resolution 19-140 awarding a contract to American Civil Constructors West Coast LLC for the construction of the project in the amount of \$249,545.

DISCUSSION

The project was substantially completed prior to the holiday season which minimized disruption to the public. Necessary minor spall repair and concrete work was completed as directed by field staff and striping was reconfigured to allow improved storage for westbound left turning traffic. The completed methacrylate deck treatment surpassed the

minimum standard for surface skid resistance, the testing of which was performed by the Caltrans Materials Engineering Testing Services group.

Upon acceptance by the City Council the Public Works Department must then file a Notice of Completion with the Alameda County Clerk.

FISCAL IMPACT

The work of the project was completed for the amount of \$249,304 and a summary of the project expenditures is as follows:

Design (Wiss, Janney, Elstner Associates):	\$32,900
Construction (American Civil Constructors):	\$249,304
Construction Inspection (WC3):	<u>\$12,745</u>
Total Expenditures:	\$294,949
Project Budget:	\$525,000
Remaining Balance	\$230,051

Staff recommends that the remaining project balance be appropriated to the Structure Deck Seal, Repair and Maintenance Program (CIP: T-12) in the Capital Improvement Program.

STAFF COMMUNICATION WITH THE PUBLIC

No communication with the public has occurred with relation to this item.

CONCLUSION

Staff concludes that it is in the public's interest for City Council to adopt the above stated resolution.

PREPARED BY: Michael Roberts PE, Senior Civil Engineer

APPROVED AND FORWARDED TO THE CITY COUNCIL OF THE CITY OF EMERYVILLE:



Christine Daniel, City Manager

ATTACHMENTS

- Draft Resolution