



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: September 13, 2016

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department
Business Services Division, Waterfront Department

SUBJECT: Increase In Construction Change Order Authority For The Cabrillo Bridge Project To Accommodate Stearns Wharf Signal Improvements

RECOMMENDATION: That Council:

- A. Approve the transfer of \$39,463 from the Waterfront Department's Appropriated Reserve Account to the Cabrillo Boulevard Bridge Replacement Project in the Streets Grant Capital Fund to fund a new traffic signal for a right-turn arrow at State Street and Cabrillo Boulevard for vehicles exiting Stearns Wharf; and
- B. Authorize an increase in the Public Works Director's Change Order Authority to approve expenditures for extra work for the Cabrillo Boulevard Bridge Replacement Project, Contract No. 24,977, in the amount of \$39,463, for a total contract expenditure authority of \$15,858,041.

DISCUSSION:

Background

Exiting Stearns Wharf (northbound) currently requires that vehicles turning right (east) on Cabrillo Boulevard wait for pedestrians to complete their crossing. As a result, only a few vehicles are able to complete the right hand turn per signal cycle on busy days. In calendar year 2015, the Waterfront Department saw over 1,100,000 pedestrians and over 250,000 vehicles on Stearns Wharf. With only one lane of vehicles exiting Stearns Wharf and no dedicated right-turn arrow currently in place, a moderately congested day can quickly turn into a traffic jam. This traffic jam not only impedes those exiting Stearns Wharf, but also requires shutting down entry of vehicles onto Stearns Wharf for safety reasons.

The addition of a right-turn arrow for vehicles exiting Stearns Wharf would reduce delay slightly, especially during peak weekends and summer months. The northbound right-turn arrow would be green at the same time as the westbound left-turn arrow from Cabrillo Boulevard to Stearns Wharf and is not anticipated to change the overall intersection level of service.

Council Agenda Report

Increase In Construction Change Order Authority For the Cabrillo Bridge Project To Accommodate Stearns Wharf Signal Improvements

September 13, 2016

Page 2

For many years, the Stearns Wharf Merchant Association has requested that a right-turn arrow signal be installed to help facilitate automobile traffic exiting and entering Stearns Wharf, thus reducing traffic congestion and improving the experience of visitors. The Cabrillo Boulevard Bridge Replacement Project has presented the opportunity to effectively address the request of the Stearns Wharf Merchant Association in a timely and efficient manner.

Current Status

Based on the congestion described above at the exit of Stearns Wharf, the Engineering Division designed necessary changes to the traffic signals at the intersection of State Street and Cabrillo Boulevard. The changes include a new decorative street light/traffic signal pole with a mast arm at the northeast corner of the intersection to accommodate the additional signal head (see Attachment). In addition, some minor changes will be made to the configuration of the access ramp at this location. The modified street light/traffic signal pole was approved by the Historic Landmarks Commission on February 24, 2016.

On August 11, 2016, a change order proposal in the amount of \$39,463 was received from Lash Construction, Inc., (Lash) for the subject work. The proposal amount was deemed reasonable based on the engineer's estimate. Therefore, staff recommends authorizing the execution of a change order for the extra work.

BUDGET/FINANCIAL INFORMATION:

Funding

The Waterfront Department currently has approximately \$70,000 of available funds in its Appropriated Reserve account, which is more than adequate to accommodate the proposed expenditure. Staff recommends the use and transfer of these funds to the Streets Grant Capital Fund since the traffic signal change will benefit the operation of Stearns Wharf.

The following summarizes the additional expenditures recommended in this report:

CONSTRUCTION CONTRACT FUNDING SUMMARY

	Base Contract	Change Order	Total
Current Contract Amount	\$14,380,525.50	\$1,438,052.50	\$15,818,578.00
Proposed Increase	\$0.00	\$39,463.00	\$39,463.00
Totals	\$14,380,525.50	\$1,477,515.50	\$15,858,041.00

Council Agenda Report
Increase In Construction Change Order Authority For the Cabrillo Bridge Project To
Accommodate Stearns Wharf Signal Improvements
September 13, 2016
Page 3

After the recommended transfer of funds, there are sufficient appropriated funds to cover the extra work item.

ATTACHMENT: Project Map

PREPARED BY: Adam Hendel, Acting Principal Civil Engineer/sk
Brian J. Bosse, Waterfront Business Manager

SUBMITTED BY: Rebecca J. Bjork, Public Works Director

APPROVED BY: City Administrator's Office

State Street and Cabrillo Boulevard Traffic Signal Modifications - New Mast Arm Pole Northeast Corner

