

# Memorandum

To: CHAIR AND COMMISSIONERS  
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: October 21-22, 2015

Reference No.: 2.5e.(1)  
Action Item

From: NORMA ORTEGA  
Chief Financial Officer

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Division of  
Transportation Programming

Subject: **ALLOCATION FOR SUPPLEMENTAL FUNDS FOR PREVIOUSLY VOTED PROJECT  
RESOLUTION FA-15-06**

## **RECOMMENDATION**

The California Department of Transportation (Department) recommends that the California Transportation Commission (Commission) allocate an additional \$497,000 for one State Highway Operation and Protection Program (SHOPP) project identified below.

## **ISSUE**

Additional funds are needed for one previously approved project in order to award the construction contract.

## **RESOLUTION**

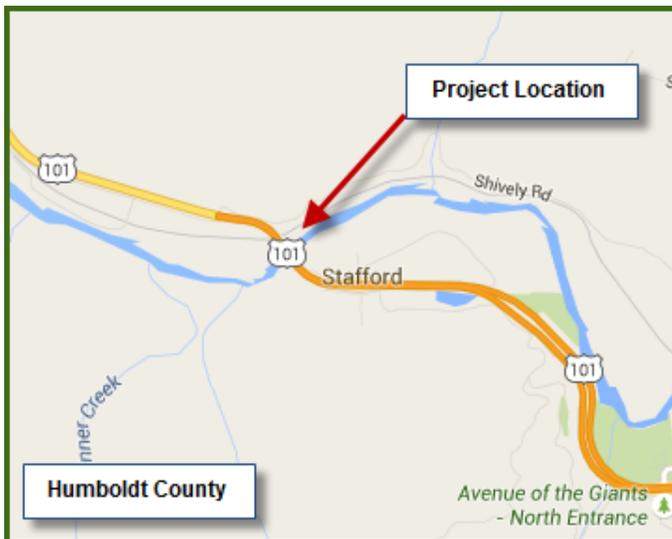
Resolved, that \$497,000 be allocated from the Budget Act of 2014, Budget Act Item 2660-302-0042 and 2660-302-0890, to provide funds to award the following project.

	<u>Original</u> <u>Allocation</u>	<u>Allocation</u> <u>Adjustment</u>	<u>Revised</u> <u>Allocation</u>	<u>% Increase</u> <u>Above Original</u> <u>Allocation</u>
<u>Dist-Co-Rte</u> 01-Hum-101	\$1,457,000	\$497,000	\$1,954,000	34.1%

## **PROJECT DESCRIPTION**

This project is located on Route 101 in Humboldt County. The primary objective of this project is to strengthen the Eel River Bridge in order to allow safe and efficient movement of oversize/overweight vehicles and loads.

## **PROJECT LOCATION**



## **FUNDING STATUS**

The project was programmed in the 2014 SHOPP for \$2,310,000 for construction in Fiscal Year (FY) 2014-15 and was voted for \$1,457,000 in June 2015. Bids for this project were opened on August 13, 2015. Three bids were received for this project. The amount needed to award the contract, based on the lowest bid amount, is \$1,954,000. This request for \$497,000 in supplemental funds results in an overall increase of 34.1 percent over the original vote amount. This contract will be awarded upon approval of this supplemental funds request.

## **REASON FOR INCREASE**

The Department performed a bid analysis to evaluate the differences between the Engineer's Estimate and the contract bid items. The contract has 37 bid items. One of these bid items (Clean and Paint Structural Steel) has a significant cost increase over the Engineer's Estimate while six other contract items (Miscellaneous Items) collectively averaged higher than the Engineer's Estimate.

<b>BID ITEM</b>	<b>ENGINEER'S ESTIMATE</b>	<b>LOW BID</b>	<b>INCREASE</b>
Clean and Paint Structural Steel	\$43,455	\$400,000	\$356,545
Miscellaneous Items	\$370,035	\$510,490	\$140,455
<b>TOTAL INCREASE</b>			<b>\$497,000</b>

The Clean and Paint Structural Steel cost increase is due to environmental restrictions. The environmental provisions restrict construction work between February 1<sup>st</sup> and August 19<sup>th</sup>. As a result, work for this contract item has to be done during the winter season, which makes it difficult to perform due to low temperature and high humidity/rainfall typical to the location. These restrictions were not considered by the Department at the time the Engineer's Estimate was prepared.

There are six contract items: Bridge Removal, Traffic Control System, Paint Undercoat, Temporary Railing, Structural Concrete, and Thermoplastic Traffic Stripe, collectively shown as Miscellaneous Items that were slightly higher than the Engineer's Estimate. As a result, there is an overall need of \$497,000 to award this contract to the lowest bidder.

### **LESSONS LEARNED**

Improved communication among the Project Development Team (PDT) members and updating the cost estimate throughout the project development. Also, a better coordination between the structures team and the Project Engineer could have resulted in a more accurate final estimate.

### **DETERMINATION**

The Department has determined that re-advertising this project would not result in lower bids and recommends that this request for \$497,000 be approved to allow this contract to be awarded.

Attachment

2.5 Highway Financial Matters

Project #	Allocation Amount	Recipient <u>RTPA/CTC</u> County Dist-Co-Rte Postmile	Project Title Location Project Description Project Support Expenditures	PPNO Program Funding Year Item # Fund Type Program Codes Project ID Adv Phase EA	State Federal Current Amount by Fund Type	State Federal Additional Amount by Fund Type	State Federal Revised Amount by Fund Type	
<b>2.5e.(1)</b>			<b>Supplemental Funds for Previously Voted Projects</b>				<b>Resolution FA-15-06</b>	
1	\$497,000	Department of Transportation HCAOG Humboldt 01-HUM-101 R48.7	Near Scotia, at Eel River Overhead No. 04-0014. <u>Outcome/Output:</u> Strengthen bridge deck by tying deck to girders to accommodate heavy loads and place polyester overlay to restore deck surface.  Supplemental funds are needed to Award.  Total revised amount \$1,954,000	01-2394 SHOPP/2013-14 302-0042 SHA 302-0890 FTF 20.20.201.119	\$29,000  \$1,428,000		\$29,000  \$1,428,000	
				SHOPP/2014-15 302-0042 SHA 302-0890 FTF 20.20.201.119 0114000026 4 0E230		\$10,000 \$487,000	\$10,000 \$487,000	