

Memorandum

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: March 16-17, 2016

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

From: NORMA ORTEGA
Chief Financial Officer

Prepared by: Bruce De Terra, Chief
Division of
Transportation Programming

Subject: **ALLOCATION FOR SUPPLEMENTAL FUNDS FOR PREVIOUSLY VOTED PROJECT
RESOLUTION FA-15-19**

RECOMMENDATION

The California Department of Transportation (Department) recommends that the California Transportation Commission (Commission) allocate an additional \$1,900,000 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

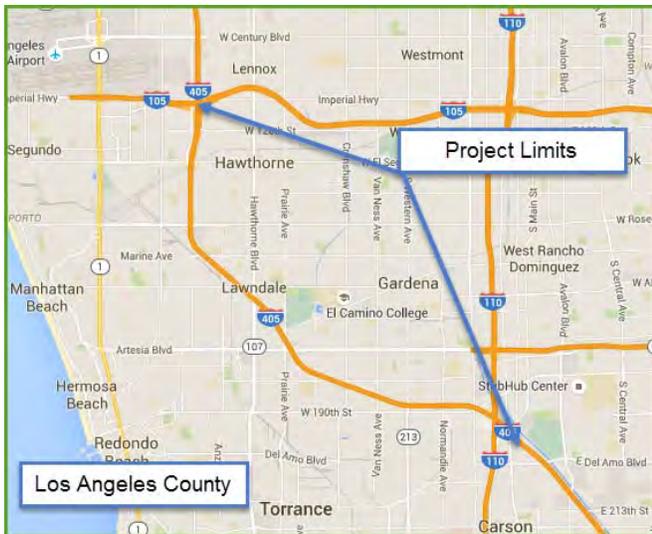
Resolved, that \$1,900,000 be allocated from the Budget Act of 2014, Budget Act Item 2660-302-0042 and 2660-302-0890, to provide funds to award the following project.

	Original	Allocation	Revised	% Increase
<u>Dist-Co-Rte</u>	<u>Allocation</u>	<u>Adjustment</u>	<u>Allocation</u>	<u>Above Original</u>
07-LA-405	\$12,899,000	\$1,900,000	\$14,799,000	16.9%

PROJECT DESCRIPTION

The project is located on Route 405 in Los Angeles County from Postmile 12.6 to Postmile 21.2. The project will install concrete barrier and metal beam guardrail along the project limits.

PROJECT LOCATION



FUNDING STATUS

This SHOPP project was programmed in the 2014 SHOPP for \$11,200,000 for construction in Fiscal Year (FY) 2014-15 and was voted for \$12,899,000 in August 2015. Bids were opened on December 17, 2015; six bids were received. Additional funds in the amount of \$1,900,000 are needed in order to award the contract. This request for \$1,900,000 in supplemental funds results in an overall increase of 16.9 percent over the original vote amount.

REASON FOR INCREASE

The Department performed a bid analysis to evaluate the differences between the Engineer’s Estimate and the lowest responsible bid. The contract has 122 bid items. Three of these bid items have significant cost differences. These items are Concrete Barrier (Type 736B MOD1), Modify Communication System and Roadway Excavation (Type Z-2).

BID ITEM	ENGINEER’S ESTIMATE	LOW BID	INCREASE	% INCREASE
Concrete Barrier (Type 736B MOD1)	\$1,450,900	\$2,374,200	\$923,300	64%
Modify Communication System	\$ 679,950	\$1,391,000	\$711,050	105%
Roadway Excavation (Type Z-2)	\$ 528,000	\$ 792,000	\$264,000	50%
Other Items			\$ 1,650	
TOTAL INCREASE			\$1,900,000	

The Concrete Barrier (Type 736B MOD1): This is a substantial barrier that may require a second concrete pour due to factors such as location, night work, and short allowable work times. Although the Engineer’s Estimate did account for the heavy traffic and short night time construction windows, the estimate was not high enough and ultimately, this item was bid much higher than what was estimated.

Modify Communication System: This is a lump-sum item. The Engineer’s Estimate did not account for the large number of switches and equipment that are part of this bid item.

Roadway Excavation (Type Z-2): The low Bidder bid of \$180/CY is higher than the Engineer’s Estimate of \$120/CY. The trucking rates and monopoly price of the single hazardous dump yard located in Bakersfield, California dictate the bid price for this item.

DETERMINATION

The Department has determined that re-advertising this project would not result in lower bids and recommends that this request for \$1,900,000 be approved to allow this contract to be awarded.

Attachment

2.5 Highway Financial Matters

Project #	Allocation Amount	Recipient	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	
2.5e.(1)			Supplemental Funds for Previously Voted Projects					Resolution FA-15-19				
1	\$1,900,000	Department of Transportation	LACMTA	Los Angeles	07-LA-405	12.6/R21.2	In various cities, from Main Street to Route 105 at various locations. <u>Outcome/Output</u> : Install concrete barrier, install/reconstruct metal beam guardrail, and improve roadside safety. This project is necessary to reduce the number and severity of collisions.	07-4486 SHOPP/2014-15 302-0042 SHA 302-0890 FTF 20.20.201.015 0712000016 4 29000	\$258,000	\$38,000	\$296,000	
							Supplemental funds are needed to Award.		\$12,641,000	\$1,862,000	\$14,503,000	
							Total revised amount \$14,799,000					