

Memorandum

TAB 50

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: January 18-19, 2017

Reference No.: 2.5e.(1) – **REPLACEMENT ITEM**
Action Item

From: NORMA ORTEGA
Chief Financial Officer

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

Subject: **SUPPLEMENTAL FUNDS ALLOCATION FOR PREVIOUSLY VOTED PROJECT**
RESOLUTION FA-16-13

RECOMMENDATION

The California Department of Transportation (Department) recommends that the California Transportation Commission (Commission) allocate an additional \$685,000 in construction capital for the State Highway Operation and Protection Program (SHOPP) project (PPNO 4620), on Route 110, in Los Angeles County.

ISSUE

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

RESOLUTION

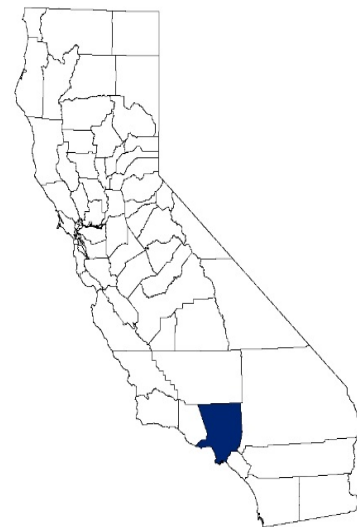
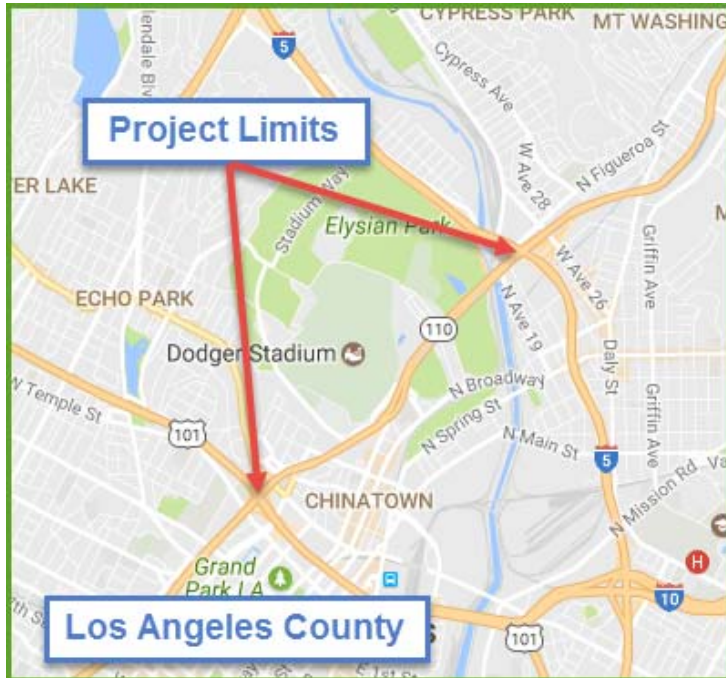
Resolved, that \$685,000 be allocated from the Budget Act of 2016, Budget Act Item 2660-302-0042 and 2660-302-0890, to provide funds to award the following project.

<u>Dist-Co-Rte</u>	<u>Component</u>	<u>Original Allocation Amount</u>	<u>Allocation Adjustment</u>	<u>Revised Allocation</u>	<u>% Increase Above Original Allocation Amount</u>
07-LA-110	Const Capital	\$1,699,000	\$685,000	\$2,384,000	40.3%

PROJECT DESCRIPTION

This project will install safety lighting in the city of Los Angeles along northbound Route 110 between Route 101 and Route 5, in Los Angeles County.

PROJECT LOCATION



FUNDING STATUS

This safety project was programmed in the 2014 SHOPP for \$1,420,000 for construction capital in Fiscal Year 2015-16. The Department, using G-11 safety authority, allocated \$1,699,000 in May, 2016. Additional funds in the amount of \$685,000 in construction capital are needed in order to award this contract, which results in an increase of 40.3 percent over original allocation.

REASONS FOR COST INCREASE

Bids for this project were opened on September 7, 2016. The Department received five bids, ranging from 1.6 percent below the Engineer's Estimate to 96.7 percent above the Engineer's Estimate. The lowest bidder was disqualified as they did not meet the Disadvantaged Business Enterprise (DBE) requirements. The second low bidder submitted a formal Relief of Bid Request requesting that their bid proposal be withdrawn from consideration due to a bidder clerical error that resulted in an underbid of \$446,973. The Relief was denied and the bidder failed to submit the required bid documents in a timely manner, and therefore, was also disqualified. The Department is now preparing to award the contract to the third bidder. The third and fourth bids had less than a 1 percent difference between the bid amounts. The Department believes these bids are reasonable and that it would be unlikely that a substantially lower, qualified bid would be obtained if the project were rebid.

The reason for the cost increase is due to the type and the number of lights needed for this project. This segment of Interstate 110 is part of the Arroyo Seco Historic District, resulting in the need to install lights that are consistent with historic designs as required by the State Historic Preservation Officer (SHPO). The historic lights are significantly more costly than the standard lights the Department typically installs as the historic lights have to be custom made. Additionally, due to narrow shoulders along this highway segment, the historic lights also have to be a "breakaway" design so that if they are hit by vehicles, the collisions are less likely to cause catastrophic damage resulting in serious injury or death of vehicle occupants. There is no room to install barriers in front of the light poles within the project limits.

The project was originally programmed following the Project Initiation Document (PID) phase for 43 lights, with a standard 200-foot separation between each light. During the project development phase, because of multiple on ramps and off ramps within the project limits, the spacing configuration of the light poles had to be changed requiring more lights to be installed. Furthermore, in some areas such as at the tunnel entrances and exits, as well as locations with a retaining wall, lights are needed to be installed on both sides of the freeway. The new light spacing and configuration resulted in an increased need for 20 more lights, increasing the total number of lights to 63. The Engineer's Estimate for the bid documents was not adequately adjusted to account for the increased cost for the additional number of more expensive lights resulting in the need for additional funds.

The Department is seeking supplemental funds in the amount of \$685,000 to award this project to the third bidder.

DETERMINATION

The Department has determined that re-advertising this project would not result in lower bids and recommends that this request of \$685,000 for construction capital be approved for this project.

Attachment

2.5 Highway Financial Matters

REPLACEMENT ITEM

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-16-13			
\$685,000		Department of Transportation	LACMTA	Los Angeles	07-LA-110 23.7/25.5	In the city of Los Angeles, on northbound lanes from Route 101 to Route 5. <u>Outcome/Output</u> : Install safety lighting to improve safety and reduce the number and severity of collisions.		Supplemental funds are needed to Award.	Total revised amount \$2,384,000	07-4620 SHOPP/2015-16 302-0042 SHA 302-0890 FTF 20.20.201.010	\$34,000		\$34,000
											\$1,665,000		\$1,665,000
										SHOPP/2016-17 302-0042 SHA 302-0890 FTF 20.20.201.010 0713000224 4 29770		\$14,000	\$14,000
											\$671,000		\$671,000