

Memorandum

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: October 21-22, 2015

Reference No.: 2.5e.(5)
Action Item

From: NORMA ORTEGA
Chief Financial Officer

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

Subject: **ALLOCATION FOR SUPPLEMENTAL FUNDS FOR PREVIOUSLY VOTED PROJECT
RESOLUTION FA-15-10**

RECOMMENDATION

The California Department of Transportation (Department) recommends that the California Transportation Commission (Commission) allocate an additional \$6,900,000 for the State Highway Operation and Protection Program (SHOPP) project identified below.

ISSUE

Additional funds are needed for one previously approved project in order to complete construction.

RESOLUTION

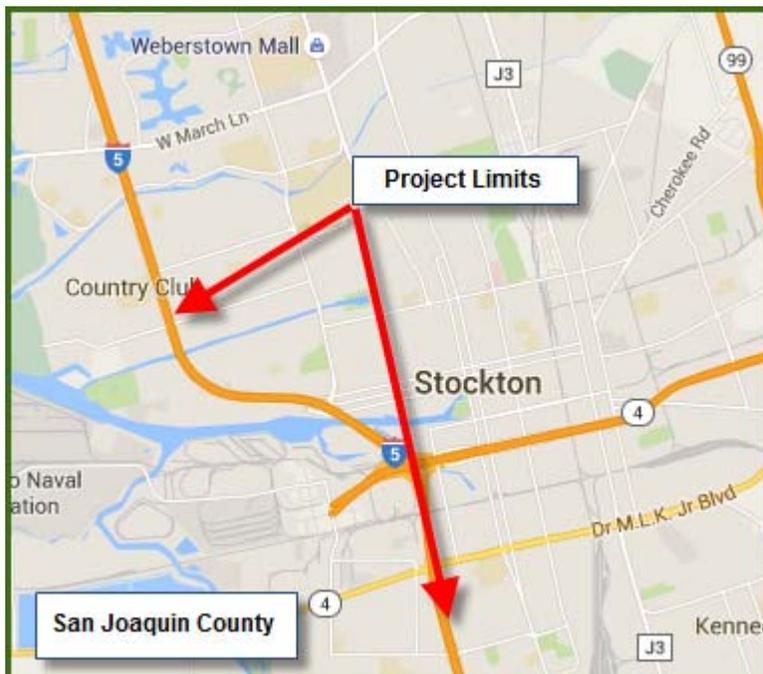
Resolved, that \$6,900,000 be allocated from the Budget Act of 2014, Budget Act Item 2660-302-0042 and 2660-302-0890 to provide funds to close-out the following project.

	Original	Current	Allocation	Revised	% Increase
<u>Dist-Co-Rte</u>	<u>Allocation</u>	<u>Allotment</u>	<u>Adjustment</u>	<u>Allocation</u>	<u>Above Original</u>
10-SJ-5	\$41,779,000	\$46,156,000	\$6,900,000	\$53,056,000	16.5%

PROJECT DESCRIPTION

This project is located in San Joaquin County, in the City of Stockton, on Highway 5 from Charter Way to Country Club Boulevard. The project involves reconstruction of the existing eight-lane freeway with Continuously Reinforced Concrete Pavement (CRCP), reconstruction and widening of the inside shoulder, reconstruction of the outside shoulder, and auxiliary lanes within the project limits.

PROJECT LOCATION



FUNDING STATUS

This project was programmed in the 2012 SHOPP for \$44,497,000 and was voted in August 2012 for \$41,779,000. The project was awarded for \$46,156,000 using G-12 authority; construction started May 14, 2013. The project is now 80 percent complete.

This request for an additional \$6,900,000 is an increase of 16.5 percent above the original allocation.

REASONS FOR COST INCREASE

The reasons for the \$6,990,000 cost increase are broken down as follows:

Construction of the last 1,200-foot section of the project (\$4,947,000): A 1,200-foot section at the north end of the project is in conflict with the adjacent I-5 North Stockton Widening project. The I-5 North Stockton Widening project was not completed in time to allow for the staging of this project, which resulted in a delay and additional work for a final 1,200-foot section. Additional funds are needed to provide for a detour of 1.7 miles. This will be done in four stages and will require additional k-rail, temporary pavement delineation, and traffic re-alignment for each stage. In addition, the staging area will impact 1,000 feet, from Country Club Undercrossing to Alpine Road Undercrossing, which requires added scope to construct concrete barrier, overhead sign, signage, and pavement delineation.

Contract Change Orders (\$1,442,000): Additional funds are need to address the following CCOs:

- The Contractor encountered thicker PCC slabs and buried man-made objects, such as reinforced concrete structures, grade beams, and steel beams at various locations. Additional work was done to resolve the differing site conditions.
- Repair of construction area traffic control devices damaged by public traffic, and additional signage.
- The existing subgrade and subbase materials under median shoulder failed compaction test at various location.
- Discovery of a rusted 18-inch drainage pipe in the Monte Diablo Structure requiring installation of a new pipe and related work and the associated traffic control for work on Monte Diablo Street.
- A sudden major embankment erosion occurred after a heavy rainfall in December 2014, requiring additional work to repair the eroded embankment.

Quantity Overruns (\$511,000): Additional cost for quantity overruns due to underestimated quantities in the Department’s estimate for “Aggregate Base for Approach Slab” and “Place Hot Mix Asphalt - Miscellaneous Area”.

DETERMINATION

The Department has determined that this request of \$6,990,000 is needed in order to complete the construction contract.

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.(5)						Supplemental Funds for Previously Voted Projects				Resolution FA-15-10	
1	\$6,900,000	Department of Transportation	SJCOG	San Joaquin	10-SJ-5 25.1/28.6	In and near Stockton, from Charter Way to Country Club Boulevard. <u>Outcome/Output</u> : Rehabilitate roadway, including reconstruction of the existing eight freeway lanes, widening inside shoulders, reconstructing outside shoulders and auxiliary lanes in order to improve safety and ride quality along 28 lane miles.	10-0268 SHOPP/2012-13 302-0042 SHA 302-0890 FTF 20.20.201.120	\$210,000 \$45,946,000		\$210,000 \$45,946,000	
						Supplemental funds are needed to Complete Construction.	SHOPP/2014-15 302-0042 SHA 302-0890 FTF 20.20.201.120 1000000128 4 0M780		\$138,000	\$138,000	
						Total revised amount \$53,056,000		\$6,762,000		\$6,762,000	