

Memorandum

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: March 16-17, 2016

Reference No.: 2.5e.(3)
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-15-21**

RECOMMENDATION

The California Department of Transportation (Department) recommends that the California Transportation Commission (Commission) allocate an additional \$1,336,520 in State Transportation Improvement Program - Regional Improvement Program (STIP-RIP) and \$995,480 in State Highway Operation and Protection Program (SHOPP) funds, for a total of \$2,332,000, for construction support for the I-80/SR12 Connector Project (PPNO 5301L) on Route 80 in Solano County.

ISSUE

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

RESOLUTION

Resolved, that \$2,332,000 be allocated using Budget Act Item 2660-001-0042, to provide funds to complete construction of the following project.

	<u>Fund</u>	<u>Original Allocated Amount</u>	<u>Current Allocation</u>	<u>Allocation Adjustment</u>	<u>Revised Allocation</u>	<u>% Increase Above Original Allocation</u>
Dist-Co-Rte	TCIF					
	STIP-	\$ 7,040,000	\$ 6,518,000	\$ 0	\$ 6,518,000	
04-SOL-80	RIP	\$11,412,000	\$11,412,000	\$ 0	\$11,412,000	
(Constr. Capital)	SHOPP	<u>\$ 8,500,000</u>	<u>\$7,869,000</u>	<u>\$ 0</u>	<u>\$ 7,869,000</u>	0.0%
	Total	\$26,952,000	\$25,799,000	\$ 0	\$25,799,000	
	<u>Fund</u>	<u>Original Allocated Amount</u>	<u>Current Allocation</u>	<u>Allocation Adjustment</u>	<u>Revised Allocation</u>	<u>% Increase Above Original Allocation</u>
Dist-Co-Rte	TCIF					
04-SOL-80	STIP-	\$ 8,460,000	\$ 8,460,000	\$ 0	\$ 8,460,000	
(Constr. Support)	RIP	\$ 0	\$ 0	\$ 1,336,500	\$ 1,336,500	27.6%
	SHOPP	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 995,500</u>	<u>\$ 995,500</u>	
	Total	\$ 8,460,000	\$ 8,460,000	\$ 2,332,000	\$10,792,000	

PROJECT DESCRIPTION

This project is located on Interstate 80 from the I-80/SR-12 Separation to 0.7 mile east of Route 12 in the city of Fairfield in Solano County. The project will construct a two-lane west bound I-80 to west bound SR-12 connector and reconstruct the I-80/Green Valley Road interchange.

PROJECT LOCATION



FUNDING STATUS

The project is multi-funded and has a Proposition 1B Trade Corridor Improvement Fund (TCIF) baseline agreement. The project includes STIP-RIP and SHOPP construction capital funds and TCIF construction capital and construction support funds. In 2013, the Commission allocated \$7,040,000 in construction capital and \$8,460,000 in construction support from the TCIF program. The Commission also allocated \$11,412,000 in STIP-RIP funds and \$8,500,000 in SHOPP funds for construction capital. Two allocation amendments were approved by the Commission whereby the current allocation for TCIF and SHOPP construction capital were reduced to \$6,518,000 and \$7,869,000 respectively. Although the cost overrun is in construction support (totally funded from the TCIF program), Commission Guidelines and the signed baseline agreement preclude the use of Proposition 1B bond funds from covering project cost increases.

Construction is 70 percent complete. However, construction support is 95 percent expended, and additional funding for construction support is needed. Since the project is programmed in the STIP and SHOPP for construction capital, it is appropriate that the additional funding be carried by the STIP and SHOPP, proportionally. Therefore, additional funding of \$1,336,520 in STIP-RIP and \$995,480 in SHOPP for a total of \$2,332,000 for construction support costs is being requested in order to complete the construction of this project.

REASONS FOR COST INCREASE

The construction support cost increase is due to constructability issues. During construction, it was identified that the proposed bridge abutment piles and wing walls are in conflict with a temporary retaining wall used for containing surcharge material. The purpose of the surcharge material is to compact the ground so the bridge abutments and wing walls will not experience differential settlement. The bridge abutment piles are skewed at a 3:1 horizontal to vertical angle and are in conflict with the temporary retaining wall.

Multiple re-design alternatives were studied to determine an effective solution with minimal project delay. The selected solution was not to construct the retaining wall and instead to use lightweight cellular concrete instead of ground surcharging. This resulted in the need for work re-sequencing. The new construction sequencing has changed the critical path of the project and has added 93 working days to the project schedule.

Because of these additional working days, more resources are needed in order to perform the additional construction administration work associated with the construction delay.

The Department has contacted the Solano Transportation Authority (STA) and discussed whether this construction support cost increase could be locally funded per the baseline agreement. The STA indicated there are no additional local funds available to contribute to this project.

DETERMINATION

The Department has determined that this request of \$2,332,000 is needed in order to complete construction of this project.

Attachment

2.5 Highway Financial Matters

Project #	Allocation Amount	Recipient RTPA/CTC 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.(3)			Supplemental Funds for Previously Voted Projects				Resolution FA-15-21	
1	\$2,332,000	Department of Transportation MTC Solano 04-SOL-80 12/13.1	In Fairfield, from I-80/SR-12 Separation to 0.7 mile west of Route 12 in Fairfield. Install traffic signals and traffic operation system (TOS). (TCIF-SHOPP project) Supplemental funds are needed to Complete Construction. Total revised amount \$35,744,000 (CEQA - EIR, 10/29/2012.) (NEPA - EIS, 12/7/2012.) <u>Outcome/Output:</u> Place 9 lane miles of pavement, 3 bridges, 10 retaining walls, relocate utilities, 2 new traffic signals, new traffic operations systems, 1.6 miles of bike/[pedestrian facilities.	04-5301L RIP/2012-13 301-0890 FTF 20.20.075.600 TCIF/2012-13 004-6056 TCIF 304-6056 TCIF 20.20.723.000 SHOPP/2012-13 302-0890 FTF 20.20.201.310 RIP/ 001-0042 SHA 20.10.075.600 SHOPP/ 001-0042 SHA 20.10.201.310 0400021131 3 0A534	\$10,565,000 \$8,460,000 \$6,518,000 \$7,869,000 \$1,336,500 \$995,500	\$10,565,000 \$8,460,000 \$6,518,000 \$7,869,000 \$1,336,500 \$995,500		