

# Memorandum

To: CHAIR AND COMMISSIONERS  
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: October 8, 2013

Reference No.: 2.5e.(2)  
Action Item

From: STEVEN KECK  
Acting Chief Financial Officer

Prepared by: Rachel Falsetti  
Division Chief  
Transportation Programming

Subject: **ALLOCATION FOR SUPPLEMENTAL FUNDS FOR PREVIOUSLY VOTED PROJECT  
RESOLUTION FA-13-08**

## **RECOMMENDATION:**

The California Department of Transportation (Department) recommends that the California Transportation Commission (Commission) allocate an additional \$504,000 in Regional Improvement Program (RIP) funds and \$228,000 in Interregional Improvement Program (IIP) funds for the East Sonora Bypass Stage II project (PPNO 0021B) in Tuolumne County.

## **ISSUE:**

Additional funds are needed for one previously voted multi-funded project in order to complete construction.

## **RESOLUTION:**

Resolved, that \$732,000 be allocated from the Budget Act of 2012, Budget Act Item 2660-301-0042, to provide additional funds for the project identified below.

Project	Dist-Co-Rte	Funds	Original Allocated Amount	Current Allocation	Allocation Adjustment	Revised Allocation	% Increase Above Current Allocation
1	10-Tuo-108	CMIA	\$11,155,000	\$11,155,000	\$0	\$11,155,000	0.0%
		IIP	\$11,047,000	\$11,047,000	<b>\$228,000</b>	\$11,275,000	2.1%
		RIP	<u>\$4,358,000</u>	<u>\$4,358,000</u>	<b><u>\$504,000</u></b>	<u>\$4,862,000</u>	<u>11.6%</u>
		Total	\$26,560,000	\$26,560,000	\$732,000	\$27,292,000	2.8%



**PROJECT LOCATION:**



**Tuolumne County**



**FUNDING STATUS:**

In June 2007, the Commission programmed \$13,858,000 of Proposition 1B Corridor Mobility Improvement Account (CMIA) funds, \$14,300,000 of Interregional Improvement Program (IIP) funds, and \$5,642,000 of Regional Improvement Program (RIP) funds for construction.

In April 2010, the Commission approved Resolution CMIA-PA-0910-018, which deleted the proposed on-ramp and off-ramp at Peaceful Oak Road from the project scope, and reduced the IIP construction budget to \$13,800,000.

In January 2011, the Commission allocated \$11,155,000 of CMIA funds, \$11,047,000 of IIP funds, and \$4,358,000 of RIP funds for construction; savings of \$2,703,000 in CMIA, \$2,753,000 in IIP, and \$1,284,000 in RIP were returned to their respective programs. The construction contract was awarded in December 2011, with an authorized budget that matched the allocations.

As of August 20, 2013, construction was 82 percent complete. However, an additional \$732,000 is needed to complete construction.

**REASONS FOR COST INCREASE:**

The Tuolumne County Transportation Council (TCTC) would still like to construct the Peaceful Oak Road ramps that were deleted in April 2010. And TCTC will propose a new project in its 2014 Regional Transportation Improvement Plan to construct the deleted ramps.

However, construction of the new ramps requires the widening of the Peaceful Oaks Road Undercrossing that is being constructed by the East Sonora Bypass Stage II project. In order to widen the structure, new columns would need to be built, which would require new Right of Way and mitigation for a known historical archeological site.

Upon review, the Department determined that the new structure could be modified, at a cost of \$414,000, such that new columns would not be required when the structure is widened. By modifying the structure during the East Sonora Bypass Stage II project, over \$2,000,000 will be saved by the follow-up ramps project. As a result, the Department issued a change order for the structure modifications. When the change order was approved, sufficient contingencies existed to fund the changes. However, other changes, particularly unanticipated site conditions, resulted in the need for additional erosion control and slope stabilization measures, and are expected to exhaust the contingencies. Therefore, an additional \$732,000 is needed to complete construction. It is proposed that RIP funds be used for the entire \$414,000 cost of the structure modification because the change benefits the TCTC. It is proposed that the remaining \$318,000 increase be split between RIP and IIP funds in proportion to the existing programming.

Lessons learned include the need for additional subsurface investigations for future projects in this area to ensure that the design includes flatter slopes or slope stabilization measures, and additional storm water best management practices. Also, for future projects, the design team will consider the need for future structure widening, and possibly modify the structure design to simplify the future widening.

**FUNDING OPTIONS:**

**OPTION A:** Approve this request for supplemental funds, as presented above, for \$732,000, to complete construction.

**OPTION B:** Deny this request. The Department would not be able to complete construction of the project as currently designed. The roadway structural section could be reduced, but it would reduce the design life of the project and probably generate a claim from the contractor.

**RECOMMENDED OPTION:**

The Department recommends that this request of \$732,000, as presented in Option A above, be approved to complete construction.

**REVISE: East Sonora Bypass Stage II project (PPNO 0021B)**

County	District	PPNO	EA	Element	Const. Year	PMBack	PMAhead	Route/Corridor					
Tuolumne	10	0021B	34042	CO	2010-11	R4.0	R6.0	108					
Implementing Agency: (by component)	PA&ED	Caltrans				PS&E	Caltrans						
	R/W	Caltrans				CON	Caltrans						
RTPA/CTC:	Tuolumne County Transportation Council												
Project Title:	East Sonora Bypass Stage II												
Location	Near Sonora on Route 108 from Peaceful Oak Road to Via Este Road.												
Description:	Construct a 2-lane express way.												
<b>(DOLLARS IN THOUSANDS)</b>													
FUND	TOTAL	Project Totals by Fiscal Year						Project Totals by Component					
		Prior	12/13	13/14	14/15	15/16	16/17	R/W	CON	PA&ED	PS&E	R/W Supp	CON Supp
<b>RIP</b>													
Existing	16,533	16,533						7,169	4,358	90	3,387	1,529	
Change	504	504						0	504	0	0	0	
Proposed	<b>17,037</b>	<b>17,037</b>						7,169	<b>4,862</b>	90	3,387	1,529	
<b>IIP</b>													
Existing	21,915	21,915						4,809	11,047	30	2,613	1,291	2,125
Change	228	228						0	228	0	0	0	0
Proposed	<b>22,143</b>	<b>22,143</b>						4,809	<b>11,275</b>	30	2,613	1,291	2,125
<b>State Bond (CMIA)</b>													
Existing	14,530	14,530							11,155				3,375
Change	0	0							0				0
Proposed	14,530	14,530							11,155				3,375
<b>Total</b>													
Existing	52,978	52,978						11,978	26,560	120	6,000	2,820	5,500
Change	732	732						0	732	0	0	0	0
Proposed	<b>53,710</b>	<b>53,710</b>						11,978	<b>27,292</b>	120	6,000	2,820	5,500