

# Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: April 25-26, 2007

PASSED BY

# CTC

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

From: *Cindy McKim*  
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APR 26 2007

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CALIFORNIA  
TRANSPORTATION COMMISSION

Subject: ALLOCATION FOR SUPPLEMENTAL FUNDS FOR PREVIOUSLY VOTED PROJECTS  
RESOLUTION FA-06-15

## RECOMMENDATION:

The Department of Transportation (Department) recommends that the California Transportation Commission (Commission) approve Resolution FA-06-15, allocating an additional \$3,000,000 for one State Highway Operations and Protection Program (SHOPP) project identified below.

## ISSUE:

Additional funds are needed for previously approved project in order to close out contact.

## RESOLUTION:

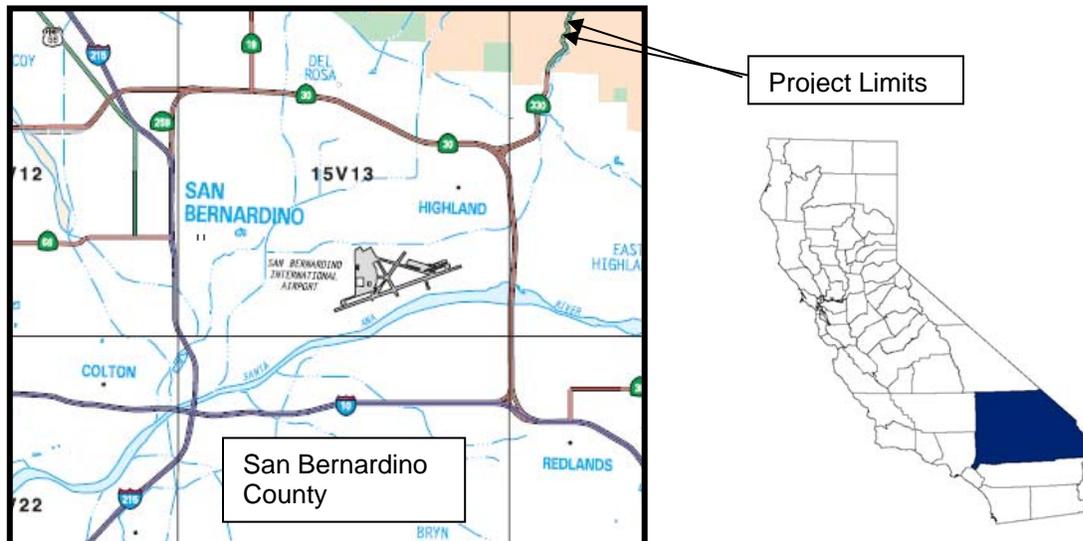
Resolved, that \$3,000,000 be allocated from the Budget Act of 2006, Budget Act Items 2660-302-0042 and 2660-302-0890 to provide additional funds for the project identified below.

<u>Project</u>	<u>Dist-Co-Rte</u>	<u>Original Vote/G11 Amount</u>	<u>Original Award Amount</u>	<u>Current Allocation</u>	<u>Allocation Adjustment</u>	<u>Revised Allocation</u>	<u>% Increase Above Current Allocation</u>
1	08-SBd-330	\$7,630,000	\$7,704,000	\$8,593,000	\$3,000,000	\$11,593,000	34.9%

Project # Allocation Amount Recipient County Dist-Co-Rte Postmile	Location Project Description Reason for Supplemental Funds	EA PPNO Budget Year Prgm Codes Program	State Federal Current Budget Amount	State Federal Additional Allocation	State Federal Revised Total Amount
<b>2.5e.(2) Supplemental Funds for Previously Voted Projects</b>					<b>Resolution FA-06-15</b>
1 \$3,000,000 Department of Transportation San Bernardino 08U-SBd-330 30.8/31.8	Near Highland, north of Highland Avenue to south of City Creek Bridge. Construct rock slope wall and rebuild embankment.  Supplemental funds are needed for project closeout.	0H4101 08-0255F 2005-06 302-0042 302-0890 20.20.201.130 SHOPP	\$884,000 \$6,820,000	- -	\$884,000 \$6,820,000
		0H4101 08-0255F 2006-07 302-0042 302-0890 20.20.201.130 SHOPP	\$102,000 \$787,000	\$345,000 \$2,655,000	\$447,000 3,442,000
			\$8,593,000	\$3,000,000	\$11,593,000

**RECOMMENDATION:**

The Department recommends that this request for \$3,000,000 be approved to close out the construction contract.



**PROJECT DESCRIPTION:**

The project is located on Route 330 in San Bernardino County near Highland, from north of Highland Avenue Overcrossing to south of City Creek Bridge. Route 330 is used by the traveling public for commute and tourism purposes. The project was to construct a concrete rock slope protection wall, rebuild the roadway embankment slopes, and reconstruct the roadway surface to repair storm damage and prevent further scour action. This was needed to replace the temporary repairs that were constructed immediately following the event that first occurred in January 2005. Initial damage was caused by heavy rains over the mountainous area, which had been stripped by an October 2003 fire. Increased water run-off caused significant erosion, slides and washouts.

**FUNDING STATUS:**

The project was voted in June 2006 for \$7,630,000 and awarded in July 2006 for \$7,704,000 using supplemental G-12 funds. Field construction work was completed in December 2006. An additional \$3,000,000 in supplemental funds are needed to finalize payment to the contractor and close out the contract. This request for supplemental funds results in an overall increase of 34.9 percent over the current allocation.

**REASONS FOR COST INCREASE:**

The project cost increase is attributed to an overrun in quantity items. A portion of the quantity increase was due to a design error as a result of not making the correction for the curvature of the surface from which the quantities were generated. Additional increases were due to differing site conditions that required the concreted rock slope protection (CRSP) wall to be adjusted in the field. The CRSP wall located at the toe of slope, in the creek channel below the roadway, was to be built on bedrock, but bedrock was not found. As a result, the depth of the wall was increased to a level below expected scour depths, with a resulting increase in quantities. Moreover, to reduce the severity of the embankment slope, two separate CRSP walls were moved further into the channel and merged to better fit the site, resulting in considerable increases to the concrete and rock quantities.

The original design called for longitudinal cracks in the roadway surface to be patched. However, later it was necessary to remove the pavement, reconstruct the slope below with reinforced embankment, and then replace the roadway section. This increased numerous contract items.

The need to open the road quickly to maintain access and reduce impacts to the local economy during construction significantly affected the design and construction contract administration. Providing expanded access hours for commuters, access for school buses and emergency vehicles, access for special events, and access during a major holiday required the use of additional California Highway Patrol enforcement at extra cost to the Department. As a result, the Department received strong local support and positive reaction for repairs to the site and opening the roadway with minimized impacts to the traveling public.

**FUNDING OPTIONS**

**OPTION A:** Approve this request for supplemental funds, as presented above, for \$3,000,000 to close out the current construction contract.

**OPTION B:** Deny this request and allow the contractor to pursue contract claims through legal action.

**RECOMMENDED OPTION**

The Department recommends that this request of \$3,000,000, as presented in Option A above, be approved to allow the current construction contract to be closed out.