

# Memorandum

To: CHAIR AND COMMISSIONERS  
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: August 6, 2013

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

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Transportation Programming

Subject: **ALLOCATION FOR SUPPLEMENTAL FUNDS FOR PREVIOUSLY VOTED PROJECT  
RESOLUTION FA-13-04**

## **RECOMMENDATION:**

The California Department of Transportation (Department) recommends that the California Transportation Commission allocate an additional \$260,000 for one State Highway Operation and Protection Program (SHOPP) project identified below.

## **ISSUE:**

Additional funds are needed for one previously approved project in order to close-out the construction contract.

## **RESOLUTION:**

Resolved, that \$260,000 be allocated from the Budget Act of 2013, Budget Act Item 2660-302-0042 to provide additional funds to allow the following project to be closed-out.

<u>Project</u>	<u>Dist-Co-Rte</u>	<u>Original Allocated Amount</u>	<u>Current Allocation</u>	<u>Allocation Adjustment</u>	<u>Revised Allocation</u>	<u>% Increase Above Current Allocation</u>
1	11-Imp-111	\$1,400,000	\$1,400,000	\$260,000	\$1,660,000	18.6%

Project # Allocation Amount Recipient County Dist-Co-Rte Postmile	Location Project Description Reason for Supplemental Funds	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
<b>2.5e.(2) Supplemental Funds for Previously Voted Projects</b>					<b>Resolution FA-13-04</b>
1 \$260,000 Department of Transportation Imperial 11-Imp-111 44.7	Near Calipatria at the "Z" Drain Bridge (Bridge No. 58-0153). A heavy rainstorm on July 13, 2012 caused severe erosion and undermining of the supporting bridge piles. Temporary falsework is necessary to stabilize the bridge and water has to be diverted away from the bridge. <u>Outcome/Outputs:</u> This project is to build two box culverts with wing walls on both the inlet and outlet sides and place rock slope protection on the upstream and downstream sides of the new culverts.  Supplemental funds needed to close-out the contract.  Total Revised Amount: \$1,660,000.	11-0527 SHOPP 2012-13 302-0042 SHA 20.20.201.130 1113000031 4 415804 20.20.201.130	\$1,400,000	\$260,000	\$1,660,000

**PROJECT LOCATION:**



**PROJECT DESCRIPTION:**

This project is located in Imperial County on Route 111 adjacent to the Salton Sea and near the city of Calipatria, at the 'Z' Drain Bridge (Bridge No. 58-0153). The project was a result of the July 13, 2012 rainstorm event that caused severe erosion and undermining of the supporting bridge piles. An Emergency Director's Order was approved to construct temporary falsework to stabilize the bridge and restore the roadway. Water was diverted away from the bridge allowing construction of two concrete box culverts under the existing bridge. Wingwalls were constructed at both ends of the new box culvert structures and rock slope protection was placed at the inlets and outlets. The existing bridge deck was then removed during an extended road closure and roadway embankment was placed on the completed box culverts. The roadway pavement section was then placed, allowing the roadway to be re-opened.

**FUNDING STATUS:**

The project was constructed under an Emergency Director's Order approved on September 21, 2012 for \$1,400,000. Construction began immediately under an Emergency Force Account contract that was completed on December 17, 2012. An additional \$260,000 in supplemental funds is needed to close-out the contract and results in an overall increase of 18.6 percent over the current allocation.

**REASONS FOR COST INCREASE:**

This request for \$260,000 in supplemental funds to close-out the contract is due to the urgent nature of the work to restore the damaged roadway. The project schedule allowed the contractor few working days, most of which used 10 to 12 hour shifts and included weekends. Work included public outreach during full roadway closure.

The limited work-time meant that invoices were not provided by the contractor until after the contract work was completed. Although detailed daily cost accounting records were maintained by the Department, the unit costs associated with the contract work were underestimated. The Department has since reached agreement with the contractor on the higher unit costs. If the project schedule allowed for interim invoices, the unit costs could have been adjusted accordingly and the overrun would have been identified earlier allowing for an amended Emergency Director's Order request.

As a result of this incident, and to improve the Department's current business practice, work done under an Emergency Director's Order has been modified. Now when construction work is approximately 75 percent complete, field staff will develop an estimate to complete. At that point a decision can be made to proceed with an amended Director's Order before the field work has finished.

**FUNDING OPTIONS:**

**OPTION A:** Approve this request as presented above for \$260,000 to allow the close-out of this construction contract.

**OPTION B:** Deny this request and direct the Department to find another source of funding. The Department considered this option and determined that there are no other known sources of State funds available to cover the requested amount.

**RECOMMENDED OPTION:**

The Department recommends that this request of \$260,000, as presented in Option A above, be approved to allow the close-out of this project.