

Memorandum

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: August 6, 2013

Reference No.: 2.5e.(3)
Action Item

From: STEVEN KECK
Acting Chief Financial Officer

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Division Chief
Transportation Programming

Subject: **ALLOCATION FOR SUPPLEMENTAL FUNDS FOR PREVIOUSLY VOTED PROJECT
RESOLUTION FA-13-05**

RECOMMENDATION:

The California Department of Transportation (Department) recommends that the California Transportation Commission allocate an additional \$50,000 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.

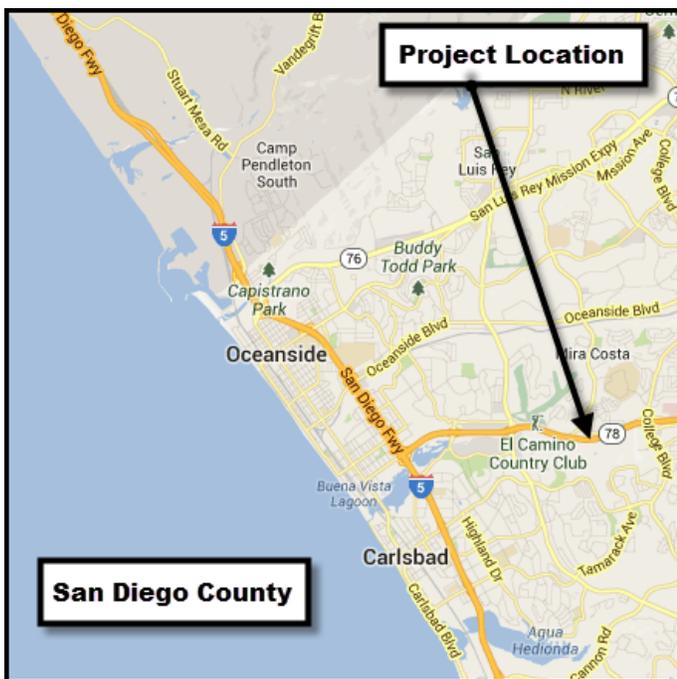
RESOLUTION:

Resolved, that \$50,000 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-SD-78	\$450,000	\$450,000	\$50,000	\$500,000	11.1%

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
2.5e.(3) Supplemental Funds for Previously Voted Projects			Resolution FA-13-05		
1 \$50,000 Department of Transportation San Diego 11-SD-78 2.3	Near Oceanside, at 0.8 mile east of El Camino Real. On March 16, 2012, a sinkhole occurred in the median adjacent to the Number 1 lane. The sinkhole was filled with slurry to stabilize the travel lane. Subsequent close circuit video and ground penetrating radar survey of a metal drainage pipe at this location revealed that due to severe corrosion of the pipe, the slurry inadvertently flowed into the pipe reducing its capacity by 60 percent. <u>Outcome/Outputs:</u> This project is to excavate the old metal culvert pipe and replace it with a new reinforced concrete pipe (RCP). Supplemental funds needed close-out the contract. Total Revised Amount: \$500,000	11-1082 SHOPP 2012-13 302-0042 SHA 20.20.201.130 1113000028 4 415904 20.20.201.130	\$450,000	\$50,000	\$500,000

PROJECT LOCATION:



PROJECT DESCRIPTION:

This project is located in San Diego County on Route 78 near the city of Oceanside, at 0.8 mile east of El Camino Real. In March 2012 a sink hole developed in the roadway median immediately adjacent to the inside westbound travel lane. An Emergency Director's Order was executed at that time to fill the sinkhole with slurry and stabilize the travel lanes. However, subsequent use of closed-circuit video and ground penetrating radar equipment showed the slurry had inadvertently flowed into the nearby drainage pipe and significantly reduced its capacity. Furthermore, the culvert was found to be severely corroded and imminent failure expected under heavy rains. Therefore, an additional Director's Emergency Order was prepared to excavate and remove the damaged culvert, place a new reinforced concrete pipe culvert, and reconstruct the impacted roadway section.

FUNDING STATUS:

The project was constructed under an Emergency Director's Order approved on October 12, 2012 for \$450,000. The emergency limited bid construction contract work started November 15 and was completed on December 31, 2012. An additional \$50,000 in supplemental funds is needed to close-out the contract and results in an overall increase of 11.1 percent over the current allocation.

REASONS FOR COST INCREASE:

This request for \$50,000 in supplemental funds to close-out the contract is due to the urgent nature of the work to restore the impacted drainage pipe and roadway before inclement rainy weather. Increased costs include additional nights worked to complete before anticipated rains; higher than estimated costs for nighttime concrete delivery; delays due to trenching cave-ins; and the need to temporarily backfill failed trenches in order to re-open lanes for morning peak commute traffic.

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 cost. 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 \$50,000 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 \$50,000, as presented in Option A above, be approved to allow the close-out of this project.