

# Memorandum

To: CHAIR AND COMMISSIONERS  
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: January 20-21, 2016

Reference No.: 2.5e.(2)  
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-15-15**

## **RECOMMENDATION**

The California Department of Transportation (Department) recommends that the California Transportation Commission (Commission) allocate an additional \$1,271,000 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 award the construction contract.

## **RESOLUTION**

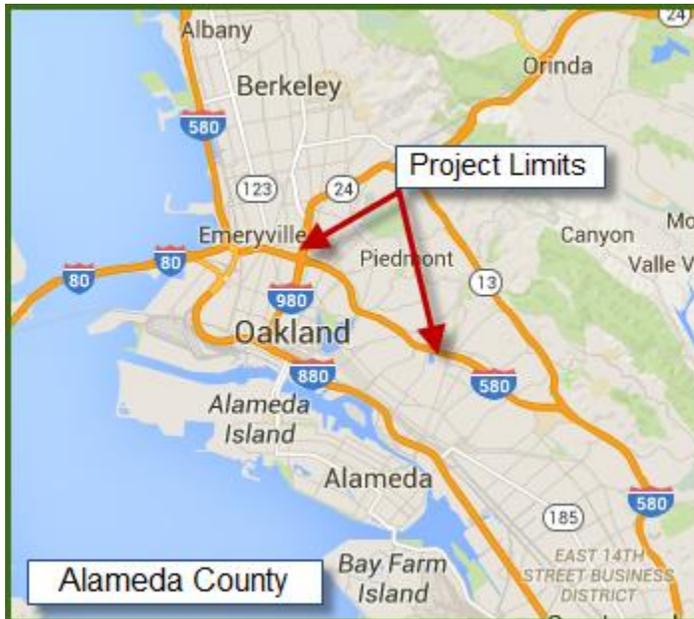
Resolved, that \$1,271,000 be allocated from the Budget Act of 2014, Budget Act Item 2660-302-0042 and 2660-302-0890, to provide funds to award the following project.

	Original	Allocation	Revised	% Increase
<u>Dist-Co-Rte</u>	<u>Allocation</u>	<u>Adjustment</u>	<u>Allocation</u>	<u>Above Original</u>
				<u>Allocation</u>
04-Ala-580	\$2,808,000	\$1,271,000	\$4,079,000	45.3%

## **PROJECT DESCRIPTION**

The project is located in Oakland on Route 580, from Fruitvale Avenue to Hollis Street. The project will resurface ramps with asphalt to extend pavement service life and improve ride quality. It will also upgrade guardrail, modify drainage inlets, and upgrade 12 curb ramps to Americans with Disabilities Act (ADA) standards.

## **PROJECT LOCATION**



## **FUNDING STATUS**

The project was programmed in the 2014 SHOPP for \$2,726,000 for construction in Fiscal Year (FY) 2014-15 and was voted for \$2,808,000 in August 2015. Bids for this project were opened on November 5, 2015; three bids were received. Based on the lowest bid amount, the amount needed to award the contract is \$4,079,000. This request for \$1,271,000 in supplemental funds results in an overall increase of 45.3 percent over the original vote amount. This contract will be awarded upon approval of this supplemental funds request.

## **REASON FOR INCREASE**

The Department performed a bid analysis to evaluate the differences between the Engineer's Estimate and the contract bid items. The contract has 82 bid items. The table below shows some of the bid items that were significantly higher than the Engineer's Estimate.

BID ITEM	ENGINEER'S ESTIMATE	LOW BID	INCREASE	% INCREASE
Asphalt (all types)	\$842,000	\$1,342,230	\$500,230	59%
Minor Concrete (Curb, Sidewalk and Curb Ramp)	\$17,600	\$127,600	\$110,000	625%
Concrete Barrier	\$144,800	\$336,400	\$191,600	132%
Traffic Control System	\$50,000	\$150,000	\$100,000	200%
Crack Treatment	\$20,000	\$104,375	\$84,375	421%
Cold Plane Asphalt Concrete Pavement	\$92,500	\$175,750	\$83,250	90%
Miscellaneous Items			\$201,545	
<b>TOTAL INCREASE</b>			\$1,271,000	

Three bid items, Rubberized Open Graded Asphalt (Bonded Wearing Course), Rubberized Gap Graded Asphalt, and Hot Mix Asphalt are collectively shown as Asphalt in the table above. The project includes work on 20 ramps and the work item quantities for each ramp are relatively small, resulting in a low production rate and higher cost. During design, the Engineer estimated the costs based on reviews of recent districtwide projects. The Engineer's Estimate is consistent with a similar project with 18 ramp locations that opened bids in October 2015. That particular project received six bids, all under the Engineer's Estimate. For this project, there were three competitive bids over the Engineer's Estimate and within about 15 percent of each other. Based on conversations with the apparent low bidder, these items were bid higher due to project location and small quantities on selected ramps at multiple interchanges.

The Engineer's Estimate for Concrete Barrier, Minor Concrete, Crack Treatment, Cold Plane Asphalt Concrete Pavement, Traffic Control and Miscellaneous items are lower than current bid results. During design, it was anticipated that the closure of 20 on and off ramps spread over a six-mile project limit would result in low productivity and thus a higher cost. The Engineer's Estimate for the project was adjusted to reflect the dispersion of the 20 locations and low production rate, but the value in the Engineer Estimate was still not high enough as reflected in the bid analysis.

**DETERMINATION**

It was determined that this was an appropriate bid. All three bidders were close with respect to the overall project bid amount. Re-advertising this project would not result in lower bids. The Department recommends that this request for \$1,271,000 be approved to allow this contract to be awarded.

Attachment

2.5 Highway Financial Matters

Project #	Allocation Amount	Recipient <u>RTPA/CTC</u> 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
<b>2.5e.(2)</b>			<b>Supplemental Funds for Previously Voted Projects</b>			<b>Resolution FA-15-15</b>	
1	\$1,271,000	Department of Transportation <u>MTC</u> Alameda 04-ALA-580 R41.2/47	In Oakland, from Fruitvale Avenue to Hollis Street; also on Route 24 at Westbound off-ramp to Market Street (PM R2.1). <u>Outcome/Output</u> : Resurface ramps with asphalt to extend pavement service life and improve ride quality. Also, upgrade guardrail, modify drainage inlets, and upgrade 12 curb ramps to Americas with Disabilities Act (ADA) standards.  Supplemental funds are needed to Award.  Total revised amount \$4,079,000	04-0133T SHOPP/2014-15 302-0042 SHA 302-0890 FTF 20.20.201.121 0414000054 4 4H222	\$56,000  \$2,752,000	\$25,000  \$1,246,000	\$81,000  \$3,998,000