

Memorandum

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: May 23, 2012

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

From: NORMA ORTEGA
Chief Financial Officer

Prepared by: Kurt Scherzinger
Acting Division Chief
Transportation Programming

Subject: **ALLOCATION FOR PROJECTS WITH COSTS GREATER THAN 120 PERCENT OF THE PROGRAMMED AMOUNT RESOLUTION FA-11-60**

RECOMMENDATION:

The California Department of Transportation (Department) recommends that the California Transportation Commission allocate \$1,797,000 for one State Highway Operation and Protection Program (SHOPP) project identified below.

ISSUE:

Funds are needed for one programmed project in order to advertise the construction contract.

RESOLUTION:

Resolved, that \$1,797,000 be allocated from the Budget Act of 2011, Budget Act Items 2660-302-0042 and 2660-302-0890, to provide funds for the project identified below.

<u>Project</u>	<u>Dist-Co-Rte</u>	<u>Original Programmed Amount</u>	<u>Current Programmed Amount</u>	<u>Program Adjustment</u>	<u>Revised Programmed Amount</u>	<u>% Increase Above Current Programmed Amount</u>
1	05-SB-101	\$1,395,000	\$1,395,000	\$402,000	\$1,797,000	28.8%

Project # Allocation Amount County Dist-Co-Rte Postmile	Location Project Description	PPNO Program/Year Prgm'd Amount Project ID Adv Phase EA	Budget Year Item # Fund Type Program Code	Amount by Fund Type
2.5d.(2) Allocations for Projects with Cost Increases Greater than 120 Percent				
Resolution FP-11-60				
1 \$1,797,000 Santa Barbara 05-SB-101 55.0	Near Buellton, at Nojoqui Creek Bridge No 51-75 R/L. <u>Outcomes/Outputs:</u> Replace and upgrade damaged railings on both bridges. Also replace joint seals and approach slabs. The existing railing was partially destroyed by a truck collision on January 12, 2012.	05-2350 SHOPP/11-12 \$1,395,000 0512000046 4 1A9704	2011-12 302-0042 SHA 302-0890 FTF 20.20.201.131	\$36,000 \$1,761,000

RECOMMENDATION:

The Department recommends that this request for \$1,797,000 be approved to allow this project to be advertised.



PROJECT DESCRIPTION:

This project is located in Santa Barbara County near Buellton at Nojoqui Creek Bridge (No. 51-0075R/L). The project will replace and upgrade inside and outside bridge railing on both northbound and southbound bridges. The project will also replace the bridge joint seals, replace the approach slabs, and remove and replace an existing overlay on the bridge approaches.

The project is a result of a January 12, 2012, collision in which a tractor-trailer truck crashed into the northbound inside bridge railing through to the southbound structure before falling into the canyon. The collision destroyed 150 feet of northbound bridge railing and an additional 60 feet of inside bridge railing on the southbound bridge. This event received national media news coverage related to rescue efforts of the occupants of a secondary vehicle by emergency responders, a US Navy Seabee crew, and assisted by Caltrans Maintenance crews.

Short term repairs were made using sections of temporary concrete railing (Type K) immediately after the incident to shield the barrier gaps and allow the bridges to be reopened to traffic. The follow-up project discussed here provides permanent restoration.

FUNDING STATUS:

This project was amended and programmed in the 2010 SHOPP on February 6, 2012, for a capital construction cost of \$1,395,000.

REASONS FOR COST INCREASE:

The initial programming cost of the project was based on the damage assessment document prepared in part at the incident site immediately after the collision occurred. Assumptions at that time did not include items later determined to be necessary once the detailed project design developed. These additional items were added to the project for increased safety. Tubular bicycle railing was added and is necessary because bicycle travel is allowed along this section of Route 101 expressway as currently there does not exist a parallel alternate route for cyclists. Tubular bicycle railing is placed on the top of concrete bridge railing to prevent bicyclist falls over the barrier. Moreover, additional portable changeable message signs were determined necessary to safely direct motorists during project construction activities. Furthermore, overlay removal and replacement was determined necessary to eliminate a sharp drop/bump in the paved surface at the beginning and end of each bridge during construction. This would increase traveler safety as this section of roadway is on a curve with narrow shoulders. The mobilization work item is a percentage of total project cost and therefore increases with the overall project. These additional items add \$402,000 to the cost of the project.

FUNDING OPTIONS:

OPTION A: Approve this request as presented above for \$1,797,000 to allow this project to be advertised.

OPTION B: Deny this request and direct the Department to adjust the project to remain within the programmed amount. The Department has considered this option and determined that reducing the scope of work on this project, and executing another project to complete the deleted work later, would result in greater costs and more disruption to the traveling public.

RECOMMENDED OPTION:

The Department recommends that this request for \$1,797,000, as presented in Option A above, be approved to allow this project to be advertised.