

MEMORANDUM

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: June 24-25, 2020

From: STEVEN KECK, Chief Financial Officer

Reference Number: 2.5e.(2), Action Item

Prepared By: Tim Gubbins,
District 05 – Director

Subject: **SUPPLEMENTAL FUNDS FOR CAPITAL OUTLAY SUPPORT PHASE
(PPNO 9700/EA 0F970 – MONTEREY COUNTY – UNITED STATES
HIGHWAY 101)
RESOLUTION FA-19-37**

ISSUE:

Should the California Transportation Commission (Commission) approve the California Department of Transportation's (Department) request for an additional \$1,810,000 in Capital Outlay Support (COS), for the for the State Highway Operation and Protection Program (SHOPP) Bridge Rehabilitation project on United States Highway (US) 101, in Monterey County, to complete the Plans, Specifications, and Estimates (PS&E) project phase?

RECOMMENDATION:

The Department recommends that the Commission approve this request for a COS supplemental funds allocation for this SHOPP project.

PROJECT DESCRIPTION:

This project is located on US 101 in the City of Soledad, in Monterey County. The project will extend the life of the existing bridge by rehabilitating the bridge deck and replacing the bridge rail for the Northbound Soledad Overhead Bridge.

The bridge spans over two sets of active Union Pacific Railroad (UPRR) tracks and a local city street. The main track connects the cities along US 101, the other is a "siding track" located 15 feet away from the main track, it is used for parking trains for loading and unloading goods. The siding track is near one of the bridge bents.

*“Provide a safe, sustainable, integrated and efficient transportation system
to enhance California’s economy and livability”*

FUNDING AND PROGRAMMING STATUS:

This project is programmed for delivery in 2021-22. The PS&E phase was allocated in June 2017 for \$2,150,000, and with the available G-12 authority, the total allotment for the PS&E phase is \$2,565,000.

A total of \$2,358,000 of the budget has been expended to prepare various PS&E phase design alternatives to accommodate changing project site conditions and railroad constraints.

The Department is requesting supplemental funds in the amount of \$1,810,000 to be able to complete the PS&E phase and deliver this project by the planned delivery date, and advertise and award the project.

REASON FOR COST INCREASE:

The Project Scope Study Report (PSSR) for this project was completed in June 2013 to program this project into the 2014 SHOPP. The original project plans for the bridge rehabilitations included bridge deck replacement and widening, and they were based the bridge health assessment and remaining service life, which was based on the bridge maintenance report at the time of the PSSR completion.

Discussions with UPRR to obtain the necessary construction permits has taken much longer than originally anticipated. Additionally, the construction staging and lane closure requirements have caused delays in adopting a final scope. UPRR has also been reluctant to agree to a temporary closure schedule for the siding track, and construction work at the impacted bridge bent location cannot be safely performed without this temporary closure. Several design revisions were proposed to satisfy UPRR's conditions, however, the extra work and rework was not accounted for in the original resource estimate. An intense effort was made to complete the PS&E package early and submit it to UPRR for review with anticipation to move forward with an agreement, however, UPRR has yet to provide an approved agreement. This recent effort resulted in a much higher rate of expenditure than anticipated.

A recently updated bridge maintenance report highlighted increased concrete bridge deck damage and estimated the remaining service life of the bridge at a maximum of 10 years. The project team considered unprogramming the project and programming a new one, however, the Department concluded that the recent bridge maintenance report highlighted the need for continued prudent action. The reprogramming cycle time frame will delay the delivery of the project and will adversely impact the safety of the traveling public. The project team is reviewing the scope of the project in an effort to focus on rehabilitating the bridge deck and replacing the railing.

Additionally, a buried AT&T fiberoptic phone line was recently discovered within the work zone. Although it does not appear to be in direct conflict with the work it is close enough that it could be damaged during construction. The design has been revised with the goal of reducing the potential for conflict so the phone line can be protected in place during construction, which is preferable to having it relocated. Also, a review of traffic volumes during the 60 percent constructability review concluded that two traffic lanes will have to remain open in each direction on US 101 at all times, not just during peak flows as was originally proposed. This required revising the stage construction plans, which utilized more resources than originally planned.

The Department estimates that 50 percent of the previously completed PS&E work to date will be used in the new design strategy. The Department is requesting \$1,810,000 in supplemental funds to complete the final stages of PS&E and allow the Department to complete the development of the contract bid plans, estimates and specifications. The Department is also requesting an additional 20-month time extension to deliver the project.

CONSEQUENCES:

Without the approval of these supplemental funds, the Department will not be able to complete the PS&E phase and advertise and award the project.

The Department has determined that the requested additional funds are in the best interest of the State. The Department has exercised all feasible measures to minimize costs in carrying out work related to this project and has determined that this request is well-supported and is the only viable alternative.

FINANCIAL RESOLUTION:

Resolved, that \$1,810,000 be allocated from a Non-Budget Act Item, to provide funds for the pre-construction PS&E phase for this SHOPP project.

Attachment

2.5 Highway Financial Matters

Project #	Allocation Amount	Recipient	County	Dist-Co-Rte	Postmile	Location	Project Description	PPNO Program Phase	Program Code	Project ID	Adv Phase	EA	Original Amount	This Supplemental Request
2.5e.(2)		COS Supplemental Funds for Previously Voted Project										Resolution FA-19-37		
1	\$1,810,000	Department of Transportation Monterey	05-MON-101	62.1/63.2		Near Soledad, from Route 146 to Front Street at the North Soledad Overhead No. 44-0091R. Outcome/Output: Rehabilitate bridge.		05-9700 SHOPP PS&E	20.10.201.110	0513000017	1	0F970	\$2,006,000	\$1,810,000