

MEMORANDUM

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: June 24-25, 2020

From: STEVEN KECK, Chief Financial Officer

Reference Number: 2.5e.(3), Action Item

Prepared By: Tony Tavares
District 04 – Director

Subject: **SUPPLEMENTAL FUNDS ALLOCATION FOR PREVIOUSLY VOTED PROJECT (PPNO 0817Q/EA 4G380) – SONOMA COUNTY – STATE ROUTE 116) RESOLUTION FA-19-38**

ISSUE:

Should the California Transportation Commission (Commission) approve the California Department of Transportation's (Department) request for an additional \$850,000 in support cost, for the State Highway Operation and Protection Program (SHOPP), Collision Reduction project on State Route (SR) 116, in Sonoma County, to complete the construction contract?

RECOMMENDATION:

The Department recommends that the Commission approve the requested supplemental funds allocation for this SHOPP project.

PROJECT DESCRIPTION:

This project is located on SR 116 near the City of Sebastopol, in Sonoma County. The project will construct left turn and merge lanes and will replace an existing culvert with a new bridge.

FUNDING AND CONTRACT STATUS:

The project contract was awarded to the lowest qualified bidder in March 2019 for \$6,488,000 in construction capital. The allocated construction support amount of \$1,200,000 has been expended, however, the G-12 authority of \$320,000 has not yet been utilized. The remaining construction capital budget is \$2,796,000.

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The project was originally planned to be completed in one construction season. Construction was planned to start in April 2019 and completed by December 2019. However, construction did not begin until June 2019, and a second construction season is needed to complete the project by November 2020. After 250 days for Plant Establishment Period, construction contract acceptance is scheduled for December 2021.

The Department is requesting \$850,000 in construction support to complete the construction. No additional construction capital funds are being requested at this time; the remaining project contingency fund is adequate to cover the capital cost increase.

REASON FOR COST INCREASE:

The increase in construction support is due to many factors. The primary reason is due to adding a second construction season, other reasons are due to the following factors:

- a. The Regional Water Quality Control Board permit requires the approval of the mitigation and monitoring plan (MMP) before construction can begin. Because the MMP was not approved until June 12, 2019, it delayed the planned April 2019 start of Construction Stage 1, for the eastbound roadway widening and retaining walls 1 & 2.
- b. During the excavation of the two retaining walls and bridge abutment footings, excessive ground water and soft foundation materials were encountered. Contract Change Orders were necessary to remove the water, over-excavate the footing by 2.5 feet, and place a concrete seal course. These mitigation measures led to long working hours and required additional days to complete the work. While capital costs were covered with the project contingency funds, additional efforts and support budget are needed to evaluate design options to address the differing site condition, develop the Change Orders and inspect the work requires additional budget.
- c. The delay in the start of construction and the excessive ground water made it impossible to complete the work in a single season. Although Stage 1 completed the roadway widening, retaining walls and bridge on the eastbound direction. Stage 2 includes shifting traffic to the new eastbound bridge, removing the remainder of the existing box culvert, constructing the bridge on the westbound direction, removing the creek diversion system and restoring the creek bank by October 31, 2019. To comply with the permit conditions, the contractor stopped work after completing Stage 1 and prepared the site for winter suspension. This delay required additional support for two construction seasons and site maintenance, including Best Management Practices for storm water pollution prevention and preparing reports to the Regional Water Quality Control Board during winter suspension.
- d. The California Department of Fish and Wildlife (CDFW) requires amendments to its 1602 permit and Incidental Take Permit (ITP) to add a second construction season and to address the additional temporary impacts, and additional efforts were needed to coordinate with resource agencies to amend the permits.

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CONSEQUENCES:

If this request for supplemental funds are not approved, the remaining work under Stage 2 for eastbound that was pushed into the unplanned second construction season will have to be eliminated. The eliminated work includes safety (left turn, merge lanes and traffic signal) and hydraulic improvements. To complete the original scope, a new project would have to be re-programmed at higher capital and support costs due to escalation and a delay of safety improvements for 2 to 3 years.

FINANCIAL RESOLUTION:

Resolved, that \$850,000 be allocated from the Budget Act Items 2660-001-0042 and 2660-001-0890 for construction engineering, to provide funds to complete the construction of the project.

Attachment

2.5 Highway Financial Matters

Project #	Project Title	PPNO Program Funding Year	State	State	State
Allocation Amount	Location	Item #	Federal	Federal	Federal
Recipient	Project Description	Fund Type	Additional	Revised	Revised
<u>RTPA/CTC</u>	Project Support Expenditures	Program Codes	Current Amount by Fund Type	Amount by Fund Type	Amount by Fund Type
County		Project ID			
Dist-Co-Rte		Adv Phase			
Postmile		EA			
2.5e.(3)	Supplemental Funds for Previously Voted Project			Resolution FA-19-38	
\$850,000	Near Sebastopol, at the intersection of Route 116 and Llano Road. <u>Outcome/Output</u> : Construct left-turn and merge lanes.	04-0817Q			
		001-0042	\$140,000		\$140,000
		SHA			
		001-0890	\$1,260,000		\$1,260,000
		FTF			
		20.10.201.010			
	Supplemental funds are needed to Complete Construction.				
	Total revised amount \$2,250,000	001-0042		\$85,000	\$85,000
		SHA			
		001-0890		\$765,000	\$765,000
		FTF			
		20.10.201.010			
		0412000463			
		3			
		4G380			