

MEMORANDUM

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: June 27-28, 2024

From: STEVEN KECK, Chief Financial Officer

Reference Number: 2.5e.(17), Action Item

Prepared By: Everett Townsend
District 11 – Director (Acting)

Subject: **SUPPLEMENTAL FUNDS FOR CONSTRUCTION COMPLETION PHASE
PPNO 1329/EA 43044 – IMPERIAL COUNTY – INTERSTATE 8 AND
STATE ROUTE 78
RESOLUTION FA-23-136**

ISSUE:

Should the California Transportation Commission (Commission) approve the California Department of Transportation's (Department) request for an additional \$331,000 in Construction Capital for the State Highway Operation and Protection Program (SHOPP) Bridge Rehabilitation and Replacement project on Interstate 8 (I-8) and State Route (SR) 78, in Imperial 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 I-8 and SR 78, at various locations, in Imperial County. The project will rehabilitate six bridges, including painting, deck and column work, and upgrading guardrail.

FUNDING AND PROGRAMMING STATUS:

In December 2018, the project was programmed for \$12,300,000 in Construction Capital in the SHOPP for allocation in Fiscal Year 2021-22. In June 2021, the project was amended to decrease Construction Capital to \$10,189,000 due to a change in the rehabilitation strategy from full deck replacement to partial deck replacement. In June 2022, the project received a 4-month allocation time extension for the Construction phase. In October 2022, the project was allocated for \$7,378,000 in Construction Capital. In December 2022, the project was awarded for \$8,316,000 in Construction Capital, of which \$938,000 was received through G-12 funds. In

“Provide a safe and reliable transportation network that serves all people and respects the environment.”

March 2023, construction began with 300 working days. The remaining funds are currently at \$2,580,000 in Construction Capital. The project is 80 percent complete with 65 working days remaining. The planned Construction Contract Acceptance is scheduled for September 2024.

REASON FOR COST INCREASE:

The project realized cost increases due to embankment work and an adjustment to the existing drainage pattern needed to install the guardrail.

The project includes installation of guardrail at the six bridge locations. Two of the bridges were constructed on 15 feet of embankment, resulting in the guardrail having differing installation requirements. The guardrail at these elevated embankment locations require a minimum soft shoulder width for installation to comply with the new traffic safety standards that went into effect in January 2024. As a result, embankment work is required to minimize the embankment footprint and avoid environmental impacts. As part of this embankment work, the paved shoulder width requires minor extension and installation of a drainage dike to prevent embankment erosion along the guardrail installation.

With the additional work that is required to install the guardrail, the project will need an additional \$331,000 in Construction Capital to complete the remaining work.

CONSEQUENCES:

If this request for supplemental funds is not approved, the Department will not be able to address the deficiencies of the existing guardrail that requires upgrading. If the construction contract is further delayed, it will likely result in claims by the contractor. To complete construction at a later time, another project will have to be programmed in a future SHOPP cycle at a possible higher project cost.

FINANCIAL RESOLUTION:

Resolved, that \$331,000 be allocated from the Budget Act of 2023, Budget Act Items 2660-302-3290 and 2660-302-0890 for Construction Capital, to provide funds to complete the Construction phase for this SHOPP project.

Attachment

2.5 Highway Financial Matters

| Project # | Allocation Amount | Recipient | Project Title | PPNO Program Funding Year | State | State | State |
|-----------|---------------------|------------------------------|---------------|---------------------------|-----------------------------|--------------------------------|-----------------------------|
| RTPA/CTC | County | Dist-Co-Rte | Location | Fund Type | Federal | Federal | Federal |
| Postmile | Project Description | Project Support Expenditures | Project ID | Adv Phase | Current Amount by Fund Type | Additional Amount by Fund Type | Revised Amount by Fund Type |
| | | | EA | | | | |

2.5e.(17) Supplemental Funds for Previously Voted Project Resolution FA-23-136

| | | | | | | | |
|------------------------------|--|---------------|-------------|--|-----------|-------------|--|
| 1 | In Imperial County, on Routes 8 and 78 at various locations. | 11-1329 | | | | | |
| \$331,000 | <u>Outcome/Outputs:</u> | SHOPP/2021-22 | | | | | |
| Department of Transportation | Rehabilitation of six bridges, including painting, deck and column work. This project will preserve and extend the service life of these bridges | CONST | | | | | |
| <u>ICTC</u> | | 302-3290 RMRA | \$1,092,100 | | | \$1,092,100 | |
| Imperial | | 302-0890 FTF | \$7,223,700 | | | \$7,223,700 | |
| 11-Imp-8 | Total revised amount \$8,646,800. | 20.20.201.110 | | | | | |
| Var | Supplemental funds are needed to complete construction. | SHOPP/2023-24 | | | | | |
| | | CONST | | | | | |
| | | 302-3290 RMRA | | | \$38,000 | \$38,000 | |
| | | 302-0890 FTF | | | \$293,000 | \$293,000 | |
| | CEQA - CE, 4/24/2020; Re-validation 6/14/2022 | 20.20.201.110 | | | | | |
| | NEPA - CE, 4/24/2020; Re-validation 6/14/2022 | 1118000204 | | | | | |
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| | | 43044 | | | | | |