

# Memorandum

# Tab 62

To: CHAIR AND COMMISSIONERS  
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: October 8, 2014

Reference No.: 2.5d.(1)  
Action Item

From: NORMA ORTEGA  
Chief Financial Officer

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Programming

Subject: **FINANCIAL ALLOCATION THAT EXCEEDS THE PROGRAMMED CONSTRUCTION OR CONSTRUCTION SUPPORT AMOUNT BY MORE THAN 20 PERCENT RESOLUTION FP-14-15**

## **RECOMMENDATION:**

The California Department of Transportation (Department) recommends that the California Transportation Commission (Commission) allocate \$55,005,000 for construction and \$11,000,000 for construction engineering in State Transportation Improvement Program (STIP) funds for the San Antonio Creek Curve Correction project (PPNO 0360G, TCRP 18.2) in Marin County.

## **ISSUE:**

The Department is ready to proceed with this project. The estimated construction engineering is more than 20 percent over the programmed amount. An increase adjustment is needed for construction engineering in order to advertise the project.

## **RESOLUTION:**

Resolved, that \$55,005,000 be allocated from the Budget Act of 2013, Budget Act Items 2660-301-0042 and 2660-301-0890 for construction, and \$11,000,000 for construction engineering.

| Dist-Co-Rte | Funds | Component | Current Programmed Amount | Programmed Adjustment | Revised Programmed Amount | % Increase Above Current Programmed Amount |
|-------------|-------|-----------|---------------------------|-----------------------|---------------------------|--|
| 04-Mrn-101  | IIP   | CON ENG   | \$7,660,000               | <b>\$3,340,000</b>    | \$11,000,000              | 43.6%                                      |

| Project #<br>Allocation Amount<br>Recipient<br><u>RTPA/CTC</u><br>County<br>Dist-Co-Rte<br>Postmile                               | Project Title<br>Location<br>Project Description<br>Project Support Expenditures   | PPNO<br>Program/Year<br>Prgm'd<br>Amount<br>Project ID<br>Adv Phase<br>EA   | Budget Year<br>Item #<br>Fund Type<br>Program Code   | Amount by<br>Fund Type   |
|---|--|---|--|--|
| <b>2.5d. Financial Allocation that Exceeds the Programmed Construction or Construction Support Amount by more than 20 Percent</b> |  |   |  |  |
|   |  |   |  | <b>Resolution FP-14-15</b>   |
| 1<br>\$66,005,000<br>Department of<br>Transportation<br><u>MTC</u><br>04-Mrrn/Son-101<br>26.5/27.6<br>0.0/1.9                     | San Antonio Road Curve Correction. At Marin/Sonoma County line, north of Novato at San Antonio Curve. Curve correction (TCRP 18.2).<br><br>Final Project Development<br>Support Estimate: \$13,000<br>Programmed Amount: <u>\$13,000</u><br>Adjustment: \$0 (<20%)<br><br>Final Right of Way<br>Right of Way Estimate: \$20,287,000<br>Programmed Amount: <u>\$15,454,000</u><br>Adjustment: \$4,833,000 (Debit) | 04-0360G<br>IIP/14-15<br>CON ENG<br><del>\$7,660,000</del><br><b>\$11,000,000</b><br>CONST<br><del>\$52,113,000</del><br><b>\$55,005,000</b><br>0400000735<br>3&4<br>264093&4 | 001-0042<br>SHA<br>001-0890<br>FTF<br><br>2013-14<br>301-0042<br>SHA<br>301-0890<br>FTF<br>20.20.025.700 | \$200,000<br><br>\$10,800,000<br><br>\$1,100,000<br><br>53,905,000 |
| (CON ENG increase of \$3,340,000 and CONST increase of \$2,892,000 to come from interregional share balance.)                     |  |   |  |  |
| (Future Consideration of Funding approved under Resolution E-09-79; September 2009.)  |  |   |  |  |
| (Contributions from others sources: \$481,000.)   |  |   |  |  |
| Outcome/Output: Re-align mainline within the project limits.  |  |   |  |  |

**PROJECT DESCRIPTION:**

The project scope consists of re-aligning the mainline to correct horizontal and vertical sight distances within the project limits and alleviate the problems of recurring flooding in the vicinity of the San Antonio Creek. The roadway re-alignment involves construction of large fill embankments and cut slopes in environmentally sensitive areas. The project will also construct a new five-span cast-in-place concrete bridge over the San Antonio Creek.

**PROJECT LOCATION**



**FUNDING STATUS:**

The project was programmed in the STIP in 2008. Currently, the Construction Support budget (\$7,660,000) is solely funded with Interregional Improvement Program (IIP) funds. The current budget for Construction Capital (\$52,594,000) is funded with \$52,113,000 IIP funds and \$481,000 Federal Demonstration (Demo) funds.

An additional \$3,340,000 for Construction Support is needed to construct this project.

**REASONS FOR COST INCREASE IN CONSTRUCTION SUPPORT**

This increase of \$3,340,000 in construction support can be attributed to the following items.

### 1. Increase of the construction phase from two to three seasons

- The original schedule assumed that the wetlands and waterways in areas that will be permanently impacted, and where impacts are planned to be mitigated, could be done at time during the year, and therefore overall project could be completed in two seasons. However, the final permits (California Department of Fish and Wild Permit [1602] and US Army Corps of Engineers Permit [404]) stipulate that the initial impacts to wetlands and waterways, including those to be permanently impacted, do not begin before June 15. These unanticipated restrictions will delay the start of critical grading activities until June 15, 2015.
- The original schedule also assumed that the falsework could stay in the creek during the winter months following the end of first season construction window on October 15, 2015. However, the Final Constructability Review recommended that the falsework should not be left in the creek during the rainy season, since the creek at this location, is subject to rapid changes in water levels, which could cause flash flooding at this highly sensitive environmental location. This could result in permit violations as well as additional delays.

These changes will now push the completion of the overall project into three seasons to complete and which will require additional staff time. **The Estimated Cost is \$2,540,000.**

### 2. Additional biological monitoring

The extension of the schedule by one year will require biological monitoring for an additional season. Due to a shortage of qualified in-house staff in the District, biological monitoring will be performed by consultants' Task Order. **The Estimated Cost is \$300,000.**

### 3. Tree removal by an advance tree removal contract

The project requires a removal of approximately 300 riparian trees. The Migratory Bird Act restricts the removal of any type of tree from September 1 to February 15 of each year. In addition, the 1602 Permit further restricts the riparian tree removal from June 15 to October 15. As a result of these restrictions, the riparian trees can be cut and removed only from September 1 to October 15. If these trees are not removed this year, it will not be possible to start the bridge work in the creek next year. This delay will add a fourth construction season to the completion of the project. Since the construction contract will be awarded well after this permissible window when trees can be removed has closed-down, the tree removal task order is proposed to be funded by the Phase 3 (construction support) budget. **The Estimated Cost is \$500,000.**

### **FUNDING OPTIONS:**

**OPTION A:** Approve this request, as presented above, for \$3,340,000 to advertise the project.

**OPTION B:** Deny this request and direct the Department to remain within the programmed amount. The Department has considered all possible options to reduce construction to two seasons. Due to limited available staging areas and restricted environmental work windows, no viable option is feasible to complete construction in two seasons.

**RECOMMENDED OPTION:**

The Department recommends that this request of \$3,340,000 as presented in Option A above, be approved to allow the project to be advertised.