

Memorandum

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: May 28, 2015

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

From: NORMA ORTEGA
Chief Financial Officer

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Division of Transportation
Programming

Subject: **ALLOCATION OF SUPPLEMENTAL FUNDS FOR A PREVIOUSLY VOTED PROJECT
RESOLUTION FA-14-18**

RECOMMENDATION:

The California Department of Transportation (Department) recommends that the California Transportation Commission (Commission) allocate an additional \$1,220,000 in State Transportation Improvement Program (STIP) funds for the Sonoma 101 at College Avenue Improvements project (PPNO 0789E) in Sonoma County.

ISSUE:

Additional funds are needed for construction engineering and construction capital for one previously voted STIP project in order to complete construction.

RESOLUTION:

Resolved, that \$920,000 be allocated from the Budget Act of 2014, Budget Act Items 2660-301-0042 and 2660-301-0890 for construction and \$300,000 for construction engineering for the project identified below.

| Dist-Co-Route | Funds | Component | Original Allocation | Current Allotment | Allocation Adjustment | Revised Allocation | % Increase Above Original Allocation |
|---------------|------------|------------|---------------------|--------------------|-------------------------|--------------------|--------------------------------------|
| 04-Son-101 | RIP | CON ENG | \$450,000 | \$450,000 | \$300,000 | \$750,000 | 66.7% |
| | <u>RIP</u> | <u>CON</u> | <u>\$2,068,000</u> | <u>\$2,475,000</u> | <u>\$920,000</u> | <u>\$3,395,000</u> | <u>44.5%</u> |
| | Total | | \$2,518,000 | \$2,925,000 | \$1,220,000 | \$4,145,000 | 48.5% |

| Project # Allocation Amount Recipient <u>RTPA/CTC</u> Dist-Co-Rte Postmile | Project Title Location Project Description | PPNO Budget Year Fund Type Program Codes Project ID | State Federal Current Amount by Fund Type | State Federal Additional Amount by Fund Type | State Federal Revised Amount by Fund Type |
|--|--|---|---|--|---|
| 2.5e.(2) | Supplemental Funds for Previously Voted Projects | | | | Resolution FA-14-18 |
| 1 \$1,220,000 Department of Transportation <u>MTC</u> Sonoma 04-Son-101 20.4/20.7 | Sonoma 101 at College Avenue. In Santa Rosa, at the intersection of Route 101 at College Avenue. Construct various improvements. (CEQA – EIS, 03/14/2013.) (NEPA – EA, 03/14/2013.) (Future Consideration of Funding under Resolution E-04-04; February 2004.) Supplemental funds needed for construction engineering and construction capital to complete construction. Total Revised Amount: \$3,738,000. <u>Outcome/Output:</u> Widen College Avenue within the project limits. | 04-0789E 2012-13 RIP 001-0042 RIP 001-0890 FTF 20.20.075.600 2012-13 RIP 301-0042 RIP 301-0890 20.20.075.600 2014-15 RIP 001-0890 2014-15 RIP 301-0042 RIP 301-0890 0400000693 4 245443&4 | \$9,000 \$441,000 \$41,000 \$2,027,000 | \$300,000 \$18,000 \$902,000 | \$9,000 \$441,000 \$41,000 \$2,027,000 \$300,000 \$18,000 \$902,000 |

the north by about 20 feet. This was done to avoid a potentially costly impact to a newly remodeled gas station on the eastbound (south side) of College Avenue. It was estimated that this shift in alignment avoided \$4,000,000 in potential costs of acquiring the gas station. However, the design team miscalculated elevation adjustments due to the alignment shift, leading to large grade differentials.

During construction of the westbound (north) side of College Avenue, grade differentials of 6 to 18 inches between the new sidewalk and the existing roadway conditions at conform points were encountered. The construction contract was briefly suspended while the roadway redesign was being done. These grade differentials resulted in a significant amount of rework. As a result, additional asphalt was placed and previously installed drainage elements had to be raised in order to match the existing driveways. Similar adjustments will need to be made on the eastbound (south) side of College Avenue. The contract is currently under winter suspension.

The total estimated cost of \$920,000 for the increase in construction capital includes \$840,000 for an increase in contract items and \$80,000 for delay-related costs.

Increase in construction support

The construction contract was briefly suspended while the roadway redesign was being done due to the grade differential issues described above. As a result of these delays, construction could not be completed in one season as budgeted in the original estimate. The total estimated increase in support costs for contract administration for an additional season is \$300,000.

LESSON LEARNED:

When a significant change occurs during design, a more thorough quality control and constructability review, beyond the standard practice, would have minimized the amount of rework during construction.

FUNDING OPTIONS:

OPTION A: Approve this request for supplemental funds, as presented above, for \$1,220,000 to complete construction.

OPTION B: Deny this request. The Department will be forced to down-scope project by deleting all work on the south side. A future project at escalated costs will be needed to complete those improvements. Local partners are not supportive of this option.

RECOMMENDED OPTION:

The Department recommends that this request of \$1,220,000, as presented in Option A above, be approved to complete construction.