

Memorandum

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: January 25, 2012

Reference No.: 2.5d.
Action Item

From: NORMA ORTEGA
Chief Financial Officer

Prepared by: Rachel Falsetti
Division Chief
Transportation Programming

Subject: **FINANCIAL ALLOCATION FOR PROJECTS WITH COSTS THAT EXCEED 20 PERCENT OF THE PROGRAMMED AMOUNT RESOLUTION FP-11-29**

RECOMMENDATION:

The California Department of Transportation (Department) recommends the California Transportation Commission (Commission) approve Resolution FP-11-29, allocating \$896,000 for one State Highway Operation and Protection Program (SHOPP) Minor A project described on the following pages.

ISSUE:

The project described on the following pages was approved for an estimated construction cost of \$460,000 at the June 22-23, 2011 Commission meeting. The current construction cost estimate of the project is \$896,000; exceeding the Commission authorized construction expenditure adjustment of \$200,000 per Commission Resolution G-05-05, dated July 14, 2005. The current construction cost exceeds the Commission approved construction cost by 95 percent. The Department is ready to proceed with this project and is requesting an allocation at this time.

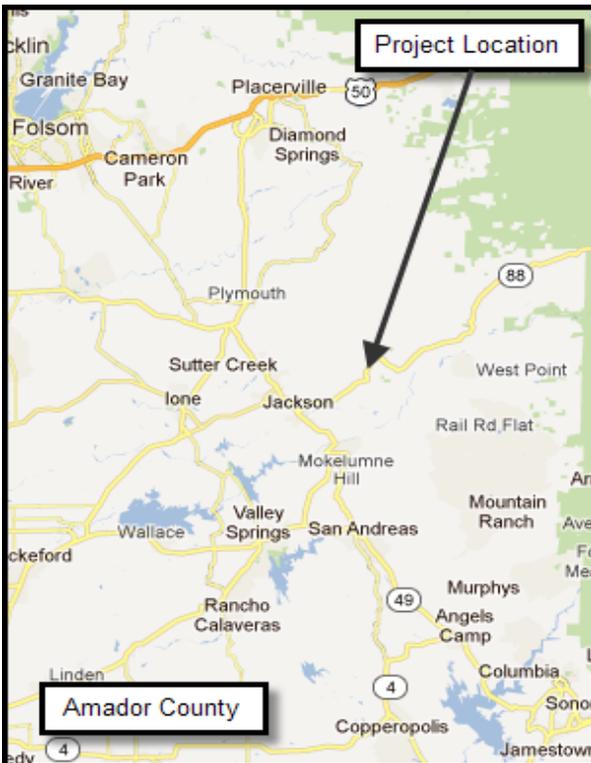
RESOLUTION:

Resolved, that \$896,000 be allocated from the Budget Act of 2011, Budget Act Items 2660-302-0042 and 2660-302-0890, to provide funds for the project described on the following pages.

| Project # | Allocation Amount | County | Dist-Co-Rte | Postmile | Location Project Description | PPNO Program/Year Prgm'd Amount Project ID Adv Phase EA | Budget Year Item # Fund Type Program Code | Amount by Fund Type |
|--------------|-------------------|--------|-------------|----------|---|--|--|----------------------------|
| 2.5d. | | | | | Allocations for Projects with Cost Increases Greater than 120 Percent | | | Resolution FP-11-29 |
| 1 | \$896,000 | Amador | 10-Ama-88 | 22.1 | Near Pine Grove at 0.1 mile west of Climax Road. Outcomes/Outputs: Construct a 4,400 square feet retaining wall to stabilize the deteriorating slope, reconstruct embankment, and install metal beam guardrail. (Amador County is contributing \$20,000 to this project) | 10-0U6804 SHOPP/11-12 \$460,000 1000020001 4 0U6804 | 2011-12 302-0042 SHA 302-0890 FTF 20.20.201.150 | \$18,000 \$878,000 |

RECOMMENDATION:

The Department recommends that this request for \$896,000 be approved to allow this project to be advertised.



PROJECT DESCRIPTION:

This project is located in Amador County near Pine Grove at 0.1 mile west of Climax Road. This project will construct a 4,400 square feet retaining wall to stabilize the deteriorating slope, reconstruct embankment, and install metal beam guardrail.

FUNDING STATUS:

This project was approved for an estimated construction cost of \$460,000 at the June 22-23, 2011 Commission meeting. The current construction cost estimate of the project is \$896,000; exceeding the Commission authorized construction expenditure adjustment of \$200,000 per Commission Resolution G-05-05, dated July 14, 2005. The current construction cost exceeds the Commission approved construction cost by 95 percent.

REASONS FOR COST INCREASE:

The retaining wall was originally estimated at 2,000 square feet; however, the final design required a 4,400 square foot wall. The wall height increased so that flatter side slopes could be used. With these flatter slopes, vegetation can be planted for slope stabilization instead of using other erosion control techniques such as blankets or nets. Using this 2:1 (H:V) side slope increased the proposed wall height from the original estimate. The length of the proposed metal beam guard railing along Climax Road will be installed around the outside curve and connected to existing metal beam guard railing farther along Climax Road. The length of the retaining at the bottom of the slope was increased to match so that the area along Climax Road and the slope between State Route 88 could be constructed according to current standards. This caused the increase from the estimated retaining wall length in the original estimate. Therefore, the wall height is 20 percent higher and 30 percent longer than initially estimated resulting in a cost increase of \$252,485.

Additional roadway work and a higher cost estimate for mobilization also resulted in a cost increase of \$135,515. Also, a higher cost estimate for site management and the remote foothills location of the project resulted in a cost increase of \$68,000. The total cost increase for the project is \$456,000; however, the State share of the cost increase is \$436,000. Amador County is contributing \$20,000 to this project as specified in the executed Cooperative Agreement dated May 23, 2011.

FUNDING OPTIONS:

OPTION A: Approve this request, as presented above, for \$896,000 to allow this project to be advertised.

OPTION B: Deny this request and direct the Department to adjust the project to remain within the programmed amount. The Department has considered this option and determined that reducing the scope of work on this project, and executing another project to complete the deleted work later, would result in greater costs and more disruption to the traveling public. Also, with the agreements, approvals and other constraints currently cleared, further delay to implement could jeopardize these clearances.

RECOMMENDED OPTION:

The Department recommends that this request for \$896,000 as presented in Option A above, be approved to allow this project to be advertised.