

Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: September 19-20, 2007

Reference No.: 2.5e.
Action Item

From: CINDY McKIM
Chief Financial Officer

Prepared by: Rachel Falsetti
Acting Division Chief
Transportation Programming

Subject: **ALLOCATION FOR SUPPLEMENTAL FUNDS FOR PREVIOUSLY VOTED PROJECTS
RESOLUTION FA-07-03**

RECOMMENDATION:

The Department of Transportation (Department) recommends that the California Transportation Commission (Commission) approve Resolution FA-07-03, allocating an additional \$1,545,000 for one State Highway Operation and Protection Program (SHOPP) project identified below.

ISSUE:

Additional funds are needed for previously approved project in order to complete construction.

RESOLUTION:

Resolved, that \$1,545,000 be allocated from the Budget Act of 2007, Budget Act Items 2660-302-0042 and 2660-302-0890 to provide additional funds for the project identified below.

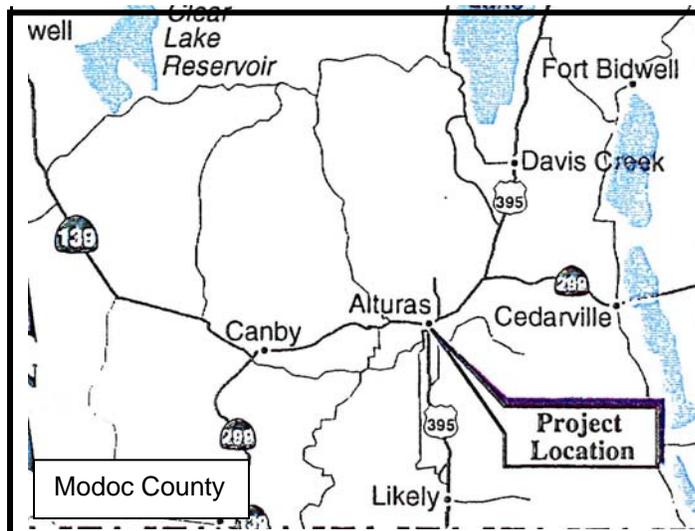
<u>Project</u>	<u>Dist-Co-Rte</u>	<u>Original Vote/G11 Amount (SHOPP)</u>	<u>Original Award Amount* (SHOPP & STIP)</u>	<u>Current Allocation (SHOPP)</u>	<u>Allocation Adjustment (SHOPP)</u>	<u>Revised Allocation (SHOPP)</u>	<u>% Increase Above Current Allocation (SHOPP)</u>
1	02-Mod-395	\$8,450,000	\$10,420,000	\$9,940,000	\$1,545,000	\$11,485,000	15.5%

* Represents combined award with STIP TE project EA 360331.

Project # Allocation Amount Recipient County Dist-Co-Rte Postmile	Location Project Description Reason for Supplemental Funds	EA PPNO Budget Year Prgm Codes Program	State Federal Current Budget Amount	State Federal Additional Allocation	State Federal Revised Total Amount
2.5e. Supplemental Funds for Previously Voted Projects			Resolution FA-07-03		
1 \$1,545,000 Department of Transportation Modoc 02N-Mod-395 11.0/25.2	In Alturas, north of Juniper Creek to south of Pit River Bridge. Also on Route 299 at Mill Street. Roadway rehabilitation. Supplemental Funds are needed to complete construction. SHOPP project EA 360321 and Transportation Enhancement (TE) project EA 360331 (each voted separately) were combined for construction under EA 3603U1.	360321 02-0059G 2005-06 302-0042 302-0890 20.20.201.120 SHOPP 2006-07 302-0042 302-0890 20.20.201.120 SHOPP	\$1,250,000 \$8,570,000 \$13,800 \$106,200	- - \$178,000 \$1,367,000	\$1,250,000 \$8,570,000 \$191,800 \$1,473,200
			\$9,940,000	\$1,545,000	\$11,485,000
	<u>For Information Only</u> City of Alturas, Route 395, provide decorative street and sidewalk lighting. Transportation Enhancement (TE) project Original Allocation \$ 950,000 G-12 to Award <u>\$-350,000</u> <u>\$ 600,000</u>	360331 02-3210 RIP TE/05-06 301-0042 301-0890 20.20.075.600 STIP	\$70,000 \$530,000 \$600,000	- - -	\$70,000 \$530,000 \$600,000

RECOMMENDATION:

The Department recommends that this request for \$1,545,000 be approved to allow the Department to complete construction of this project.



PROJECT DESCRIPTION:

The project is located on Route 395 in Alturas, from north of Juniper Creek to south of North Fork Pit River Bridge and on Route 299 from Mill Street to the Route 395 junction. This project provides roadway and bridge deck rehabilitation, a new storm drain system, Americans with Disabilities Act (ADA) compliance improvements, modifications to improve driver sight distances, and decorative street lighting. The roadway rehabilitation portion of work includes placement of new pavement on Main Street in Alturas.

FUNDING STATUS:

The SHOPP project was voted in July 2005 for \$8,450,000 and was combined for construction with a Transportation Enhancement (TE) project that was voted at the July 2005 meeting for \$950,000. The combined project was awarded in November 2005 for \$10,420,000 using supplemental G-12 funds. The new pavement placed on Main Street last construction season as part of this project has since failed. Supplemental funds in the amount of \$1,545,000 are being sought to replace the failing AC material.

REASONS FOR COST INCREASE:

The failed AC is due to a combination of low oil content and inadequate material compaction during placement. The amount of oil included in the asphalt mix was inadequate due to an error in the mix design provided to the contractor by the Department. Faulty testing equipment, assumptions in determining proper oil content, and judgment in testing procedures were the reasons for the error. Since the AC pavement was placed, the equipment has been replaced and lab procedures have been reviewed and improved. In addition, inadequate compaction was partly to blame for premature pavement failure. Partial contractor sharing for the cost of replacement is being pursued.

The pavement began to fail shortly after it was placed in October 2006. The Department elected to leave the pavement in place throughout the winter and into the summer of 2007 to monitor its performance and develop a strategy for repair. It was believed that the pavement could possibly stabilize once exposed to summer heat. At the same time, follow-up lab testing from the Department's headquarters lab was ordered with results becoming available in August 2007. Testing results indicate the AC in place on Main Street will continue to deteriorate.

In August 2007, the remaining contingencies and supplemental G-12 funds were obtained for the Department to share the cost of replacing the more severe areas of deterioration. Supplemental funds are necessary for the Department to share the cost to replace the remaining sections of failed pavement in central Alturas. A total of six lane miles requires replacement. The work will be expedited so that it can be completed before colder temperatures of mid-October begin in the area. Allowing the AC deterioration to continue into the winter can lead to potholes, freezing of standing water, and the presence of unraveled loose gravel. This would not be a desirable condition for the roadway.

FUNDING OPTIONS:

OPTION A: Approve this request for supplemental funds, as presented above, for \$1,545,000 to complete the project.

OPTION B: Deny this request, direct the Department to execute another project to replace the failing pavement. The Department has considered this option and determined that executing another project to perform the pavement replacement at a later date would result in greater costs and more disruption to the traveling public.

RECOMMENDED OPTION:

The Department recommends that this request of \$1,545,000, as presented in Option A above, be approved to allow the Department to complete construction of this project.