State of California
DEPARTMENT OF TRANSPORTATION

Business, Transportation and Housing Agency

Memorandum

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To: CHAIR AND COMMISSIONERS

Meeting Date: August 13-14, 2003

Reference No.: 2.5e.
Action Item

PASSED BY
CTC
AUG 14 2003
CALIFORNIA
TRANSPORTATION COMMISSION

From: ROBERT L. GARCIA
Chief Financial Officer

Prepared by: Jim Nicholas
Division Chief
Transportation Programming

Ref: **ALLOCATION FOR SUPPLEMENTAL FUNDS FOR PREVIOUSLY VOTED PROJECTS RESOLUTION FA-03-01**

RECOMMENDATION:

The California Department of Transportation (Department) recommends that the California Transportation Commission (Commission) approve the following Resolution.

FINANCIAL RESOLUTION:

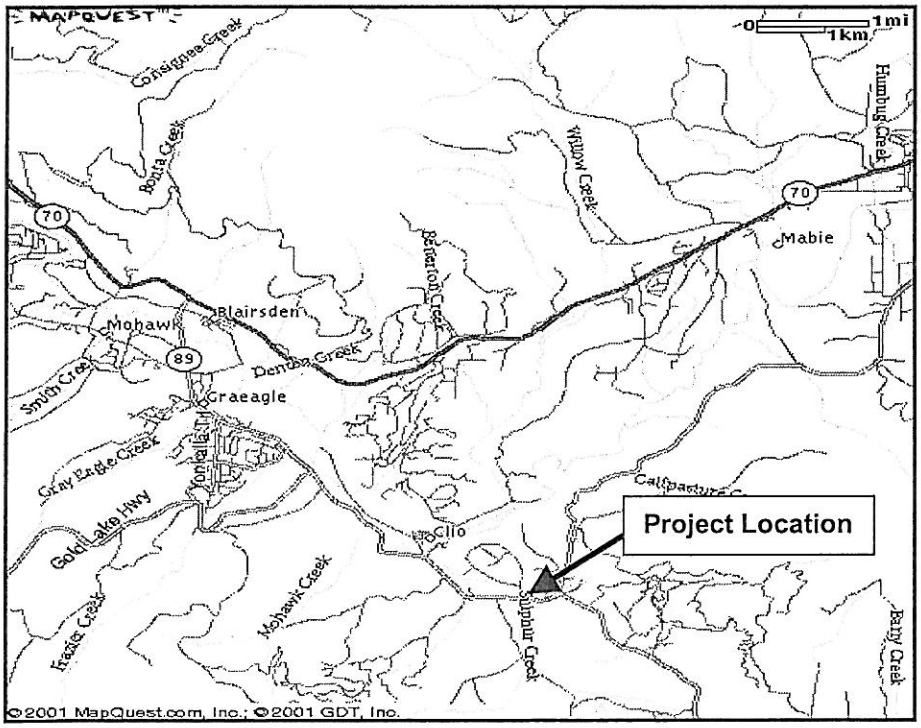
Resolved that $885,000 be allocated from the Budget Act of 2002, from Budget Act Items 2660-302-0042 and 2660-302-0890 to provide additional funds for the projects listed below.

SUMMARY AND CONCLUSIONS:

This resolution allocates $885,000 of additional State and Federal funds for two (2) previously approved project listed below:

Project	Dist-Co-Rte	Original Vote/G11 Amount	Award Amount	Current Budget Amount	Current Allocation Revision	Revised Budget Amount	Total Increase Vote/Award
1	02-Plu-89	$2,700,000	$2,092,000	$2,501,200	$405,000	$2,906,200	38% A
2	07-LA-1	$1,486,000	$1,826,000	$1,826,000	$480,000	$2,306,000	55% V

Project # / Allocation Amount / Recipient / County / Dist-Co-Rte / Postmile	Location / Project Description / Reason for Supplemental Funds	EA / PPNO / Budget Year / Item # / 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-03-01**
1					
$405,000	In Plumas County near Clio at Sulfur	344201			
Department of Transportation	Creek Bridge.	5810			
		2001/02			
Plumas	Replace bridge and realignment.	301-0042	$355,600	-	$355,600
02N-Plu-89		301-0890	$2,145,600	-	$2,145,600
3.2/3.6	Supplemental funds are needed for on going project.	20.20.201.111 SHOPP			
		2002/03			
		302-0042	-	$58,000	$58,000
		302-0890	-	$347,000	$347,000
		20.20.201.111 SHOPP	$2,501,200	$405,000	$2,906,200



PROJECT DESCRIPTION

This project is located in Plumas County near Clio on State Route 89. The project will replace the Sulfur Creek Bridge and realign the roadway approaches.

BACKGROUND

The original four span concrete slab structure was built in 1948. The structure was damaged by flooding in December of 1955, and repaired in 1956 by constructing pile extensions. In 1963, the structure was again damaged by flood flows resulting in 0.3-meter of settlement at the south abutment. In 1964, the bridge was lengthened by 45 feet to mitigate the scour issue at the abutment. The project replaces the existing multi-span Sulphur Creek Bridge with a new single span structure for scour mitigation purposes and reconstructs the bridge approaches to match the new bridge's width.

FUNDING STATUS

This project was programmed in the 2000 SHOPP for $1,549,000 for construction in the 2001/02 fiscal year. Due to revision in structure and traffic management costs, the project programmed amount was increased to $2,700,000. The allocation for Projects with Cost Increases Greater than 120 Percent was approved by the Commission in February 2002.

The project was awarded to ABBOTT CAL NEVA JV on May 23, 2002 for $1,895,789. With a G-12 adjustment after the award of the contract of (- $608,000), the project allocation was adjusted to $2,092,000. On November 13, 2002, due to high ground water, a G-12 request of $409,200 was allocated to the project to compensate for the replacement of the Cast-In-Drilled-Hole piles to driven piles. This request for $405,000 in supplemental funds results in an overall increase of 38% over the award amount for this project.

REASON FOR INCREASE

During the construction of the bridge abutments, artesian lens of water was encountered necessitating the need to redesign the abutments and request additional funding to pay for the change due to this differing site condition. The differing site conditions associated with the abutments resulted in additional cost to the project. A G-12 request in the amount of $409,200 was issued on November 13, 2002 to pay for the changes associated with the bridge abutments. The request exhausted the remaining balance of G-12 authority funding.

During the construction of the subgrade for the permanent roadway approaches to the new bridge, the high groundwater problem still remained. The groundwater condition is due to the higher than normal rainfall and water run-off within the area. The issue is further exacerbated by the adjacent landowners' irrigation of their pasture land. Since the adjoining areas are deemed wetlands and any encroachment will require lengthy coordination with the regulatory agencies and additional mitigation, the Department had selected to excavate the subgrade to place fabric, 3" minus rock, ¼ ton rock, base and paving. This least cost option will provide a constructable solution while staying within the existing permit constraints. The Department is requesting an additional fund of $405,000 to complete the construction of this project.

FUNDING OPTIONS

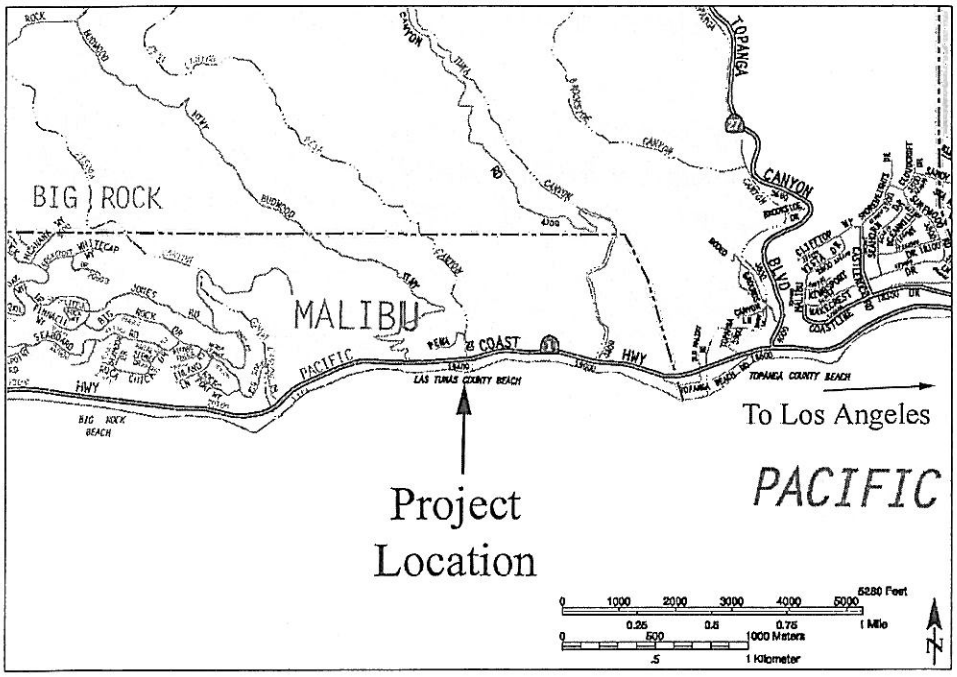
OPTION A: Approve this request as presented above for $405,000 to allow the completion of construction on this project.

OPTION B: Deny this request and direct the Department to deliver the project within the allocated funds. The Department has considered this option. The eliminated items would compromise the safety of the travelling public, and will cost more to replace in the future.

RECOMMENDED OPTION

The Department recommends OPTION A as presented above for $405,000, to allow the completion of construction on this project.

Project # Allocation Amount Recipient County Dist-Co-Rte Postmile	Location Project Description Reason for Supplemental Funds	EA PPNO Budget Year Item # 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-03-01**
2 $480,000 Department of Transportation Los Angeles 07S-LA-1 41.7	In Malibu, one mile north of Topanga Canyon Blvd. Repair and replace timber retaining wall. Supplemental funds are needed for claim settlement.	166101 0023J 2002/03 302-0042 302-0890 20.20.201.150 SHOPP	 $209,500 $1,616,500 $1,826,000	 $55,100 $424,900 $480,000	 $264,600 $2,041,400 $2,306,000



PROJECT DESCRIPTION

The project is located in the City of Malibu in Los Angeles County. The work involves replacing the existing timber retaining wall and upgrading the drainage system on southbound Route 1 along the ocean side of Pacific Coast Highway in Malibu. This project replaces a 111- meter section of an existing timber retaining wall on State Route 1 with a new concrete retaining wall.

FUNDING STATUS

This project was programmed in the 2002 SHOPP, voted in August 2002 for $1,486,000, and awarded to JOHN S MEEKS COMPANY INC for $1,826,000 on November 13, 2002 after including an additional G-12 amount of $340,000. This request for $480,000 in supplemental funds results in an overall increase of 55% over the voted amount for this project.

REASON FOR INCREASE

Differing site condition was encountered during construction due to the presence of large cobbles and boulders 3 meters below grade resulting in substantially more difficult drilling of the piles. Due to the short construction window, the contractor proceeded to complete the construction work. Upon receiving the contractor's exceptions to the Proposed Final Estimate (PFE), further review and analysis of the contractor's actual production rate for the soldier pile drilling operation, and the actual site conditions along the concrete seawall, it was determined by the Department that a differing site conditions claim is warranted. This supplemental funds request is necessary to pay the contractor for claims settlement. The contractor had completed the construction work and an additional $480,000 is needed to closeout this contract.

FUNDING OPTIONS

OPTION A: Approve this request as presented above for $480,000 to allow the closeout of the construction contract of this project.

OPTION B: Since all work has been completed and contract is accepted, denial of this request would most likely results in the contractor pursuing legal actions to recuperate the cost. The future costs to resolve these issues would most likely be greater than the current request.

RECOMMENDED OPTION

The Department recommends OPTION A as presented above for $480,000 to closeout this construction contract.