

State of California  
 Business, Transportation and Housing Agency  
 Department of Transportation

HIGHWAY FINANCIAL MATTERS  
 Allocations for Supplemental Funds  
 Resolution: FA-00-09

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CTC Meeting: May 2-3, 2001  
 Agenda Item: 2.5e

*Original Signed by* \_\_\_\_\_  
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 Chief Financial Officer  
 May 1, 2001

**ALLOCATION FOR ADDITIONAL FUNDS  
 FOR PREVIOUSLY APPROVED PROJECT**

**RESOLUTION FA-00-09**

**RECOMMENDATION**

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

**FINANCIAL RESOLUTION**

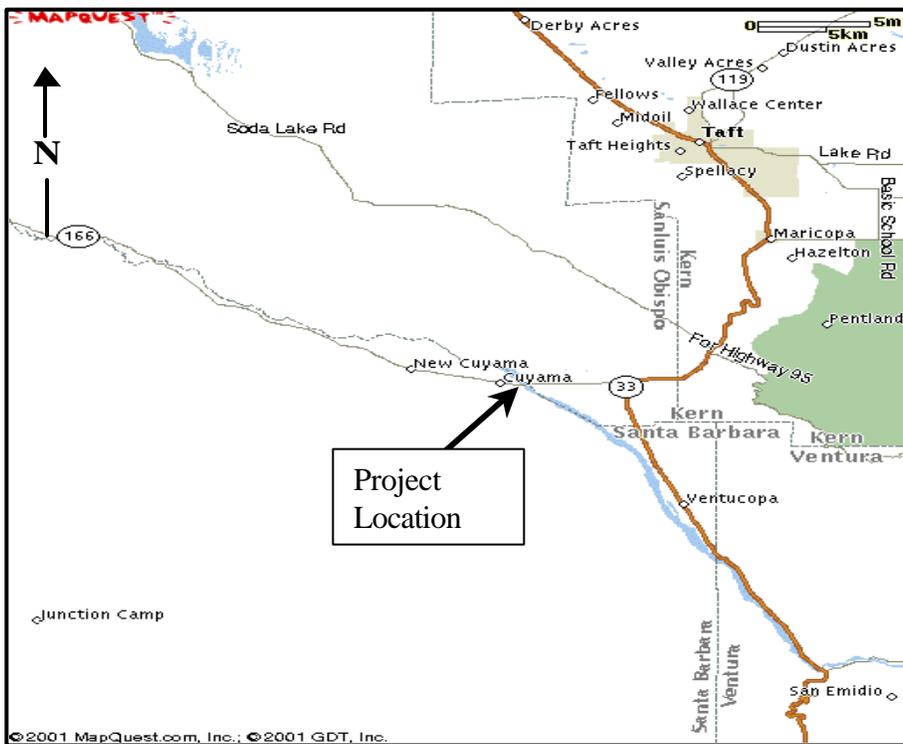
Resolved, that \$630,000 be allocated from Budget Act Item 2660-301-0042, Budget Acts of 1995, 1998, 1999, and 2000 to provide additional funds for the projects on the attached sheet.

**SUMMARY AND CONCLUSIONS**

This resolution allocates \$630,000 of additional State and Federal funds for three (3) previously approved projects listed below:

<u>Project</u>	<u>Dist-Co-Rte</u>	<u>Original Vote/G11 Amount</u>	<u>Award Amount</u>	<u>Current Budget Amount</u>	<u>Current Allocation Revision</u>	<u>Revised Budget Amount</u>	<u>Total Increase Vote/Award</u>
1	05-SLO-166	\$746,000	\$805,000	\$895,000	\$60,000	\$955,000	28% V
2	07-LA-105	\$4,200,000	\$4,414,000	\$4,814,000	\$350,000	\$5,164,000	23% V
3	08-SBd-10	\$434,000	-----	\$434,000	\$220,000	\$654,000	51% V

Project # Allocation Amount Recipient County Dist-Co-Rte Postmile	Location Project Description Reason for Supplemental Funds	EA PPNO Program Year Item # Prgm Codes Program	State Federal Current Budget Amount	State Federal Additional Allocation	State Federal Revised Total Amount
1 \$60,000 Department of Transportation San Luis Obispo 05N-SLO-166 48.1	Near New Cuyama from west of Cuyama River Bridge. Realign and widen shoulders.  Supplemental funds are needed for on- going project.	404601 Minor 2000/01 301-0042 301-0890 20.20.201.010 SHOPP	   \$88,500 \$806,500  \$895,000	   \$6,000 \$54,000  \$60,000	   \$94,500 \$860,500  \$955,000



**PROJECT LOCATION & DESCRIPTION**

The project is in San Luis Obispo County, near Cuyama, near the Cuyama River Bridge. The project realigns a curve and widens and paves shoulders.

**FUNDING STATUS**

This project was programmed in the 2000 SHOPP Minor Program for \$746,000 for construction in the 2000/01 Fiscal Year and was voted for the same amount in July 2000. To award the project an additional \$59,000 was allocated under the authority of Resolution G-12. In November, an additional allocation of \$90,000 under Resolution G-12 was made to fund drainage modifications. This request of \$60,000, along with

the previous Resolution G-12 allocations, represents a total increase of 28% over the vote amount for this contract.

### BACKGROUND

This section of Route 166 is located just north of the Los Padres National Forest, approximately 25 miles west of Maricopa in Kern County, and is a two-lane highway with mostly unpaved shoulders. This stretch of Route 166 links Santa Maria with the San Joaquin Valley. The project improves the geometrics of the roadway by cutting a portion of slope to realign the highway to provide improved sight distance.

### REASON FOR INCREASE

Due to concerns with slope stability, the slopes were re-graded and additional slope material was removed. The additional slope work was prompted by the discovery of an unstable sand layer that was 2- to 4-feet thick. The toe of the slope was relocated approximately 3 feet further away from the roadway by removing additional material and re-grading the slope. Due to the decreased roadway width available during staged construction work, the Regional Transportation Permit Office requested that the Contractor provide additional traffic signs at key intersections to warn truckers that they may want to consider alternative routes. An additional \$60,000 is needed to complete the contract.

### FUNDING OPTIONS

OPTION A: Approve this request as presented above for \$60,000 to allow the project to be completed.

OPTION B: Deny this request and direct the Department to deliver the project within the current allocation.

The Department considered this option. The only way to reduce the cost would be to delete remaining items of work. The erosion control, gate, and fence items could not be completed as scoped in the project. Erosion control is needed to prevent silt and sand from intruding on to the roadway and into the drainage system. The existing gate and fence were removed to construct the project and need to be reconstructed to accommodate the neighboring property owners. A follow-up contract would be required to complete these items if they were deleted from this contract.

### RECOMMENDATION

The Department recommends that this request for \$60,000, as presented in OPTION A above, be approved to allow this contract to be completed.

Project # Allocation Amount Recipient County Dist-Co-Rte Postmile	Location Project Description Reason for Supplemental Funds	EA PPNO Program Year Item # Prgm Codes Program	State Federal Current Budget Amount	State Federal Additional Allocation	State Federal Revised Total Amount
2 \$350,000 Department of Transportation LACMTA Los Angeles 07S-LA-105 R2.5/R17.8	In Los Angeles, Hawthorne, Lynnwood, and Norwalk from Route 110 to Route 605 (Century Freeway). Construct soundwalls. (CON cost increase to be funded with an additional \$344,000 from Los Angeles County RIP Unprogrammed Share Balance and with an additional \$6,000 from GF-RIP reflecting remaining G-12 Capacity.) Supplemental funds are needed for on- going project	147511 (0640D) GF-RIP 97/98 301-0042 301-0890 20.20.075.411  RIP 00/01 301-0042 301-0890 20.20.075.611	\$406,000 \$4,408,000  \$4,814,000	\$1,000 \$5,000  \$6,000 \$29,000 \$315,000  \$350,000	\$407,000 \$4,413,000  \$4,820,000 \$29,000 \$315,000  \$5,164,000



**PROJECT DESCRIPTION AND LOCATION**

The project is in Los Angeles County, in Hawthorne, Los Angeles, Lynnwood and Norwalk, from 3.1 kilometers west of the Route 105/110 Separation to 0.2 kilometers east of the Route 105/605 Separation. The project will construct soundwalls.

### FUNDING STATUS

The project was programmed in the 1998 STIP for \$4,200,000 with Grandfathered Regional Improvement Program (GF-RIP) funds for construction in the 1997/98 Fiscal Year. The project was voted for the programmed amount in June 1998. In July 1999 an additional allocation of \$212,000 was made under authority of Resolution G-12 in order to award the project for \$4,414,000. In August 2000, a Resolution G-12 allocation was made for \$200,000 to fund various change orders such as a revision of pile spacing for one of the soundwalls, additional traffic control and the extension of one of the soundwalls. In October 2000, another Resolution G-12 allocation was made for \$200,000 to fund further change orders such as placing AC pavement and constructing concrete curbs. This request of \$350,000, along with the previous Resolution G-12 allocations, represents a total increase of 23% over the vote amount for this contract.

### BACKGROUND

The project constructs 17 soundwalls at various locations along Route 105 to conform with the latest Noise Attenuation requirements. Five of these walls are located on bridge structures and involved the demolition of existing concrete barrier. The total length of newly constructed soundwalls will be approximately 3500 meters. The project scope also included relocating electrical and fiber optic lines that were located in the vicinity of the soundwalls, reconstructing approach slabs at the bridges and replacing joint seals.

### REASON FOR INCREASE

Differing site conditions, primarily fiber optic lines that were not clearly shown on the plans and other man-made buried objects, such as large chunks of concrete, were encountered at all the wall locations and were not anticipated. In order to complete the construction of the soundwalls, additional traffic control, maintenance of existing and temporary electrical systems and the removal or relocation of man-made buried objects were necessary. An additional \$260,000 is needed to compensate the Contractor for the additional work.

Additional compensation is needed for changes in the structural work for the project. The pile foundation for one of the soundwalls needed to be re-designed as a section of the wall location was found to have a layer of unsuitable earth material on which the wall was to be constructed. An additional \$90,000 is needed to pay for the structural changes.

### FUNDING OPTIONS

OPTION A: Approve the Department's request for \$350,000 to allow this project to be completed.

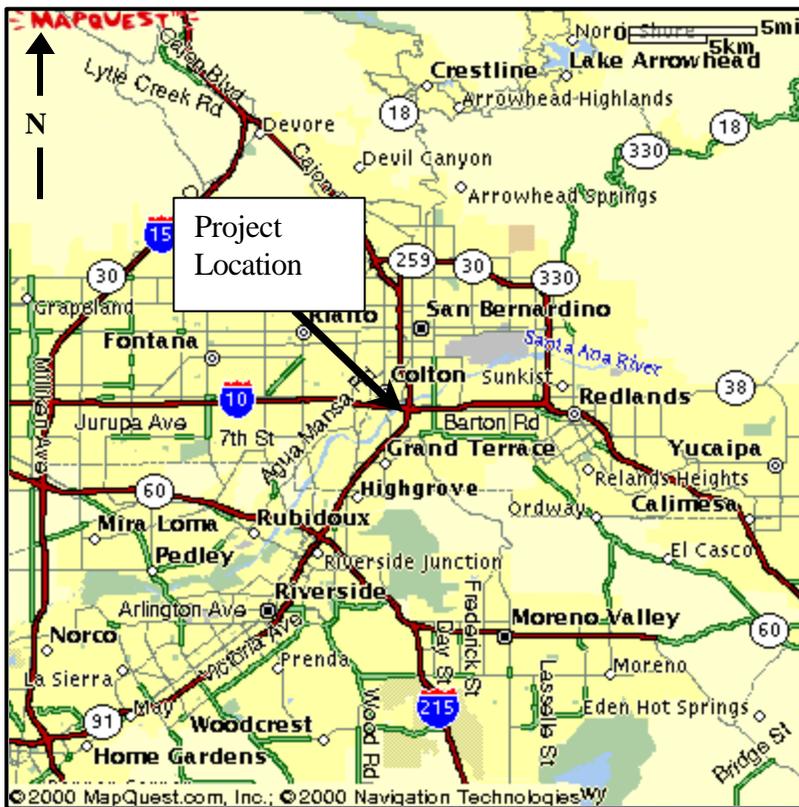
OPTION B: Deny this request and direct the Department to deliver the project within the current allocation.

The Department considered this option. The project is near completion. The man-made buried objects encountered had to be removed or relocated so that the soundwalls could be constructed. This request for supplemental funds requires approval to avoid delaying the completion of the project.

### RECOMMENDED OPTION

The Department of Transportation and the Los Angeles County Metropolitan Transportation Authority recommend OPTION A, as presented above for \$350,000, to allow this project to be completed.

Project # Allocation Amount Recipient County Dist-Co-Rte Postmile	Location Project Description Reason for Supplemental Funds	EA PPNO Program Year Item # Prgm Codes Program	State Federal Current Budget Amount	State Federal Additional Allocation	State Federal Revised Total Amount
3 \$220,000 Department of Transportation San Bernardino 08S-SBd-10 23.2	On Route 10 from west of Mount Vernon Avenue Overcrossing and on Route 215 from Route 215/10 separation to Rialto Avenue. Install traffic monitoring stations.  Supplemental funds are needed to award project.	487101 Minor 2000/01 301-0042 301-0890 20.20.201.315 SHOPP	\$434,000  \$434,000	\$220,000  \$220,000	\$654,000  \$654,000



**PROJECT DESCRIPTION AND LOCATION**

The project is located in San Bernardino County, at various locations in and near Colton, on Route 10 from just west of Mount Vernon Avenue Overcrossing to Mount Vernon Avenue Overcrossing and on Route 215 from the Route 10/215 Separation to Rialto Avenue. The project will install traffic monitoring stations and closed circuit television (CCTV) cameras, modify existing CCTV cameras and modify exiting ramp metering systems.

**FUNDING STATUS**

This project was programmed in the 2000 SHOPP Minor Program for \$434,000 for construction in the 2000/01 Fiscal Year and was voted for the same amount in December 2000. This request of \$220,000 represents an increase of 51% over the vote amount to award this contract.

### BACKGROUND

The view areas of a number of the existing CCTV cameras on Route 10 have become obstructed, impairing their ability to transport real-time information to the California Highway Patrol (CHP) and the Traffic Management Center (TMC). Since the cameras were installed, trees have matured that now block the view of some of the cameras. These cameras will be relocated to more strategic locations.

Additional cameras and vehicle detection stations will be installed along a congested portion of Route 215 to permit proper traffic surveillance by the TMC.

### REASON FOR INCREASE

Contract bids were opened in February and all of the bids exceeded the Engineer's Estimate. The lowest bid exceeded the Engineer's Estimate by almost \$220,000. There were four bids for the project and the difference between the lowest bid and highest bid was less than \$55,000. Bid items such as Video Detection System, CCTV Work, Modify Communication Hub Assembly, System Testing and Documentation, and Traffic Control System all were higher than anticipated. After conferring with each of the bidders it was determined that the high bids are a result of high prices received from sub-contractors and to the amount of traffic handling required for the project. The high sub-contractor prices result from the high volume of electrical work currently available in the San Bernardino area.

### FUNDING OPTIONS

OPTION A: Approve the Department's request for \$220,000 to allow this project to be awarded.

OPTION B: Deny this request and direct the Department to reject all the bids and re-advertise the project.

The Department considered this option. This project will enable the TMC to monitor key sections of the Route 10 and Route 215 corridors, thereby, taking appropriate actions to inform motorists of traffic conditions and reducing congestion. Analysis of the current bids indicate that re-advertising the project will not produce bids lower than the current amount.

### RECOMMENDED OPTION

The Department of Transportation recommends OPTION A, as presented above for \$220,000, to allow this project to be awarded.