

Memorandum

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: April 25-26, 2012

Reference No.: 2.1c.(1e)/2.5g.(1i)
Action Item

From: NORMA ORTEGA
Chief Financial Officer

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Transportation Programming

Subject: ALLOCATION FOR RESERVE FUNDS FOR PREVIOUSLY VOTED PROJECT AND CORRIDOR MOBILITY IMPROVEMENT ACCOUNT BASELINE AMENDMENT RESOLUTION CMIA-PA-1112-036, AMENDING CMIA-PA-0809-009 RESOLUTION CMIA-A-1112-035,

RECOMMENDATION:

The Department of Transportation (Department) recommends that the California Transportation Commission (Commission) allocate \$11,043,000 in Corridor Mobility Improvement Account (CMIA) funds from the project contingency reserve and amend the CMIA baseline agreement to update the project funding plan for the State Route 24 Caldecott Tunnel Fourth Bore project (PPNO 0057A) in Alameda and Contra Costa Counties.

ISSUE:

Additional funds from the project contingency reserve are needed for this previously allocated CMIA project in order to complete construction.

PROJECT DESCRIPTION:

The State Route 24 Caldecott Tunnel Fourth Bore project is located in Alameda and Contra Costa Counties, from Route 13 to Wilder Road (former Gateway Boulevard). The project will

- Construct a two-lane bore north of the three existing Caldecott bores.
- Construct cross passages between the new bore and the existing northern bore.
- Replace existing Operations and Maintenance Control (OMC) building.

BACKGROUND AND FUNDING STATUS:

Construction capital was originally programmed with \$157,400,000 in CMIA, \$25,700,000 in Regional Improvement Program (RIP), and \$126,600,000 in local funds. At the time of original allocation in May 2009, the Commission allocated \$90,000,000 in CMIA funds and Regional American Recovery and Reinvestment Act of 2009 (Recovery Act) funds were used to replace the remaining CMIA and all RIP funds on the project. Furthermore, a project contingency reserve consisting of \$11,043,000 in CMIA and \$6,557,000 in local Measure J funds was established to deal with unforeseen cost increases during construction.

The project was awarded in November 2009 with savings. At its June 2010 meeting, the Commission approved Resolution CMIA-AA-0910-014 to de-allocate \$16,561,000 in CMIA to reflect award savings.

However, during excavation of the top-heading, ground conditions varied along about 40 percent of the tunnel length resulting in a cost overrun. This cost overrun is related to different site conditions and unit price adjustments for the various tunnel cross-section support categories. The project is now 60 percent complete. As a result of these differing geological conditions encountered during the tunnel excavation, \$27,000,000 in additional funds are needed to complete the project. This total shortfall of \$27,000,000 will be covered with \$11,043,000 in CMIA from the project contingency reserve, \$3,000,000 in Regional Recovery Act savings from construction support that will be transferred to construction capital, and \$12,957,000 in local funds.

At the time the CMIA funds were de-allocated to reflect award savings, the corresponding reductions in the local funds were not made to the funding plan. The project funding plan is now being updated to reflect those changes to local funds due to award savings.

RESOLUTION:

Resolved, that \$11,043,000 be allocated from the Budget Act of 2011, Budget Act Item 2660-304-6055 to provide additional funds for the project identified below, and that the Corridor Improvement Mobility Account Baseline Agreement be amended as shown on the following pages:

Dist-Co-Rte	Current Budget (All Funds)	Budget Adjustment	Revised Budget	Percent Increase Above Current Budget
04-ALA/CC 24	\$239,401,223	\$27,000,000 ¹	\$266,401,233	11.3%

¹(\$11,043,000 in CMIA, \$3,000,000 in Regional Recovery Act savings from construction support, and \$12,957,000 in local funds.)

2.5 Highway Financial Matters

Project # Allocation Amount Recipient RTPA/CTC 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
2.5g.(1i) Financial Allocation Amendment for a Multi Funded CMIA/ARRA Project - Supplemental Funds			Resolution CMIA-A-1112-035	
1 \$11,043,000 Department of Transportation MTC 04-Ala/CC-24 5.3/10.0 0/1.3	<p>State Route 24 Caldecott Tunnel Fourth Bore. Near Oakland, on Route 24 from Route 13 to Wilder Road (former Gateway Boulevard) in Alameda and Contra Costa Counties. Construct 2-lane fourth bore for the Caldecott Tunnel, north of existing third bore (TCRP #15)</p> <p>(At the time of original allocation in May 2009, a project contingency reserve consisting of \$11,043,000 in CMIA and \$6,557,000 in Measure J funds was established to deal with unforeseen cost increases during construction. This CMIA allocation is being requested against that reserve.</p> <p>As a result of differing geological conditions encountered during tunneling, \$27,000,000 in additional funds are needed to complete the project. This total shortfall of \$27,000,000 will be covered with \$11,043,000 in CMIA (Current Request), \$3,000,000 in Regional Recovery Act savings from construction support that will be transferred to construction capital, and \$12,957,000 in local funds.</p> <p><u>Outcome/Outputs:</u> When combined with other segments (PPNO 0057G and 0057I), the overall Route 24/Caldecott Tunnel Fourth Bore project will result in daily vehicle hours of delay savings of about 10,368 hours.</p>	<p>04-0057A 2008-09 804-0890 ARRA 20.20.721.000</p> <p>2011-12 304-6055 CMIA 20.20.721.000 0300000206</p>	\$73,439,000	\$11,043,000

REVISE: State Route 24 Caldecott Tunnel Fourth Bore Project (PPNO 0057A)

County	District	PPNO	EA	Element	Const. Year	PMBack	PM Ahead	Route/Corridor					
Alameda	4	0057A	29491	CO	2008-09	5.3 (Ala)	1.3 (CC)	24					
Implementing Agency: (by component)	PA&ED	Department					PS&E	Department					
	R/W	Department					CON	Department					
RTPA/CTC:	Metropolitan Transportation Commission												
Project Title:	State Route 24 Caldecott Tunnel Fourth Bore												
Location	Near Oakland, on Route 24 from Route 13 in Alameda County to Gateway Boulevard in Contra Costa County.												
Description:	Construct 2-lane fourth bore for the Caldecott Tunnel, north of existing third bore.												
(DOLLARS IN THOUSANDS)													
FUND	TOTAL	Project Totals by Fiscal Year						Project Totals by Component					
		Prior	10/11	11/12	12/13	13/14	14/15	R/W	CON	PA&ED	PS&E	R/W Supp	CON Supp
RIP - CON at the time of: 1) Original Programming=\$25,700, 2) Allocation=\$0, 3) Award=\$0													
Existing	2,000	2,000								2,000			
Change	0	0								0			
Proposed	2,000	2,000								2,000			
IIP													
Existing	17,965	17,965					795		9,000	5,200	270	2,700	
Change	0	0					0		0	0	0	0	
Proposed	17,965	17,965					795		9,000	5,200	270	2,700	
State Bond - CMA - CON at the time of: 1) Original Programming=\$157,000, 2) Allocation=\$90,000, 3) Award=\$73,439													
Existing	73,439	73,439						73,439					
Change	11,043	11,043						11,043					
Proposed	84,482	84,482						84,482					
Traffic Congestion Relief Program (TCRP)													
Existing	19,978	19,978							9,993	9,985			
Change	0	0							0	0			
Proposed	19,978	19,978							9,993	9,985			
Demo Funds CON at the time of: 1) Original Programming=\$1,000, 2) Allocation=\$1,000, 3) Award=\$1,440													
Existing	1,440	1,440						1,440					
Change	0	0						0					
Proposed	1,440	1,440						1,440					
Regional Measure 2 CON at the time of: 1) Original Programming=\$30,500, 2) Allocation=\$30,500, 3) Award=\$22,494													
Existing	39,469	39,469						22,494	1,490	15,485			
Change	2,873	2,873						2,873	0	0			
Proposed	42,342	42,342						25,367	1,490	15,485			
Measure J CON at the time of: 1) Original Programming=\$96,100, 2) Allocation=\$89,543, 3) Award=\$59,971													
Existing	81,671	81,671						59,971				21,700	
Change	10,084	10,084						10,084				0	
Proposed	91,755	91,755						70,055				21,700	
Regional Recovery Act CON funds at the time of: 1) Original Programming=\$0, 2) Allocation=\$82,057, 3) Award=\$82,057													
Existing	99,657	99,657						82,057				17,600	
Change	0	0						3,000				(3,000)	
Proposed	99,657	99,657						85,057				14,600	
Total													
Existing	335,619	335,619					795	239,401	20,483	32,670	270	42,000	
Change	24,000	24,000					0	27,000	0	0	0	(3,000)	
Proposed	359,619	359,619					795	266,401	20,483	32,670	270	39,000	

NOTE:

The funding plan shown above does not include \$31,029,615 in local funds that has been set aside as project reserve.