

Metropolitan Transportation Commission Programming and Allocations Committee

July 8, 2009

Item Number 2h

Resolution Nos. 3653, Revised; 3730, Revised; and 3739 Revised.

Subject: Allocation of approximately \$74.6 million in RM2 funds.

Background: Capital Program:
To date, MTC has allocated approximately \$939 million of the \$1.5 billion RM2 capital program.

Caldecott Tunnel Fourth Bore (\$33 million in RM2 funds): The Contra Costa Transportation Authority (CCTA) requests allocation of \$33 million for the construction and other project costs associated with the Caldecott Tunnel Fourth Bore project in Alameda and Contra Costa Counties. About \$30.8 million would be used for construction capital costs and \$2.2 million for costs associated with enhancements for the tunnel project. The project is currently out to bid, with award of contract expected to be in October 2009. CCTA and Caltrans have secured all other federal, state, and local funds for the \$420 million project, slated to begin construction in December 2009.

Eastbound I-80 HOV Lane in Contra Costa County (\$40.5 million in RM2 funds): Caltrans requests allocation of \$40.5 million in RM2 funds for the construction and construction support of the eastbound I-80 High-Occupancy Vehicle lane in Contra Costa County, from near SR-4 to the Carquinez Bridge. The current engineer's estimate for capital costs is \$35 million, with an additional \$5.5 million reserved for Caltrans construction support. RM2 funds are the only source of funds for this project. The project is expected to be advertised in the beginning of July, with award expected in September. Cost savings from lower bids may result in a rescission of RM2 funds.

I-80 High Occupancy/Express Lanes Advanced Studies (\$1.1 million in RM2 funds): The Solano Transportation Authority (STA) requests allocation of \$1.1 million in environmental phase funds for the completion of a Project Study Report (PSR) for the conversion and construction of High Occupancy/Express Lanes on I-80 in Fairfield/Vacaville. The recommendation to perform the PSR work now would poise the corridor to move quickly to design, pending the passage of enabling state legislation (AB 744, Torrico) for a regional network of Express Lanes.

The funding capacity for the PSR work is created by reducing in an equal amount RM2 funding for the I-80/680 interchange. Should AB744 be approved, future bond revenue from Express Lanes could be available for various improvements in the corridor, including the interchange.

Recommendation: Refer Resolution Nos. 3653, Revised; 3730, Revised; and 3739, Revised, to the Commission for approval.

Attachments: MTC Resolution Nos. 3653, Revised; 3730, Revised; and 3739, Revised.

Date: September 22, 2004
W.I.: 1255
Referred by: PAC
Revised: 01/25/06-C
09/28/07-DA
11/28/07-C
11/26/08-C
07/22/09-C

ABSTRACT

MTC Resolution No. 3653, Revised

This resolution approves the allocation of Regional Measure 2 funds for the Caldecott Tunnel Improvements – Fourth Bore project sponsored and implemented by the Contra Costa Transportation Authority (CCTA) in partnership with the California Department of Transportation (Caltrans).

This resolution includes the following attachments:

Attachment A - Allocation Summary Sheet

Attachment B - Project Specific Conditions for Allocation Approval

Attachment C - MTC staff's review of CCTA's Initial Project Report (IPR) for this project

Attachment D - RM2 Deliverable/Useable Segment Cash Flow Plan

This resolution was revised on January 25, 2006 to allocate an additional \$4 million to the project for preliminary engineering work. Additionally, the following conditions have been removed or modified from the funds, because they no longer apply:

- Removal of entire condition. "RM2 funds for this project shall not be made available for reimbursement as long as allocated Traffic Congestion Relief Program (TCRP) funds are available for expenditure by, and reimbursement to, the CCTA. RM2 funding reimbursements to CCTA may proceed only after the full and complete expenditure and reimbursement of all the allocated TCRP funds authorized for expenditure by and reimbursement to the CCTA for this project."
- Removal of specific date from "Approval of the allocation package by the CCTA Board on September 15, 2004. The allocation package consists of the Initial Project Report (IPR), resolution of project compliance, and opinion of legal counsel."

ABSTRACT

MTC Resolution No. 3653, Revised

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This resolution was revised on September 28, 2007 by Delegated Authority to add a condition of allocation allowing CCTA to bill MTC as frequently as monthly in accordance with the cash flow plan for Project 36.1.

This resolution was revised on November 28, 2007 by Commission action to allocate \$8 million in RM2 funds for the final design phase of the project.

This resolution was revised on November 26, 2008 by Commission action to allocate \$2 million in RM2 funds for the final design phase of the project.

This resolution was revised on July 22, 2009 by Commission action to allocate \$33 million in RM2 funds for the construction phase of the project.

Additional discussion of this allocation is contained in the Executive Director's memoranda to the MTC Programming and Allocations Committee dated September 8, 2004, January 11, 2006, and November 14, 2007, and the summary sheet dated November 12, 2008 and July 8, 2009.

**REGIONAL MEASURE 2 PROGRAM
Allocation of Funds**

Project Title: Caldecott Tunnel Improvements - Fourth Bore
Sponsor: Contra Costa Transportation Authority (CCTA)
Project Number: 36.1

Allocation No. 36.1-1						
Activities to be funded with Allocation #1:						
Completion of Project Approval and Environmental Document (PA&ED) for the fourth bore of the Caldecott Tunnel, including all activities and studies needed to complete the Project Report, Environmental Document, preliminary design and geotechnical investigations. The RM2 funded Environmental component includes the following activities:						
1. Project Management for the PA&ED Phase						
2. Preparation of Project Report						
3. Environmental Studies						
4. Preparation of Environmental Document						
5. Perform Geotechnical Investigations						
6. Prepare Geotechnical Report						
7. Seismic Assessment and study of impact on existing tunnels						
8. Preliminary Engineering						
Funding Information:						
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date	
05365301	22-Sep-04	\$ 3,000,000	ENV	FY 2004-05	\$ 3,000,000	

Allocation No. 36.1-2						
Activities to be funded with Allocation #2:						
Prepare preliminary engineering work, up to 50%.						
Funding Information:						
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date	
06365302	25-Jan-06	\$ 4,000,000	ENV	FY 2005-06	\$ 7,000,000	

Allocation No. 36.1-3						
Activities to be funded with Allocation #3:						
Prepare final design and engineering for the project, including all necessary studies, specifications, and estimates.						
Funding Information:						
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date	
08365303	28-Nov-07	\$ 8,000,000	PS&E	FY 2007-08	\$ 15,000,000	

**REGIONAL MEASURE 2 PROGRAM
Allocation of Funds**

Project Title: Caldecott Tunnel Improvements - Fourth Bore
Sponsor: Contra Costa Transportation Authority (CCTA)
Project Number: 36.1

Allocation No. 36.1-4					
Activities to be funded with Allocation #4:					
Prepare final design and engineering for the project, including all necessary studies, specifications, and estimates.					
Funding Information:					
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date
09365304	26-Nov-08	\$ 2,000,000	PS&E	FY 2008-09	\$ 17,000,000

Allocation No. 36.1-5					
Activities to be funded with Allocation #5:					
Allocation #10365305 will fund the capital construction costs for the SR-24 Caldecott Tunnel Fourth Bore project.					
Allocation #10365306 will fund improvements for the SR-13 corridor in Berkeley, as an enhancement for the Caldecott Tunnel Fourth Bore project.					
Allocation #10365307 will fund improvements to FROG park in Oakland, as an enhancement for the Caldecott Tunnel Fourth Bore project.					
Allocation #10365308 will partially fund the SR-24 corridor wide transportation study, as an enhancement for the Caldecott Tunnel Fourth Bore project. The lead agency will be MTC.					
Funding Information:					
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date
10365305	22-Jul-09	\$ 30,792,000	Const.	FY 2009-10	\$ 47,792,000
10365306	22-Jul-09	\$ 2,000,000	Const.	FY 2009-10	\$ 49,792,000
10365307	22-Jul-09	\$ 150,000	Const.	FY 2009-10	\$ 49,942,000
10365308	22-Jul-09	\$ 58,000	ENV	FY 2009-10	\$ 50,000,000

REGIONAL MEASURE 2 PROGRAM Project Specific Conditions

Project Title: Caldecott Tunnel Improvements – Fourth Bore Project
Sponsor: Contra Costa Transportation Authority (CCTA)
Project Number: 36.1

The allocation and reimbursement of RM2 funds for the above project are conditioned upon the following :

GENERAL CONDITIONS

1. Approval of the allocation package by the CCTA Board. The allocation package consists of the Initial Project Report (IPR), resolution of project compliance, and opinion of legal counsel.
2. RM 2 funds shall not be made available to Caltrans as long as ITIP funds are available to Caltrans for expenditure and reimbursement.
- 3 CCTA may invoice MTC for eligible project expenses as frequently as monthly, in accordance with the cash flow plan.

ALLOCATION SPECIFIC CONDITIONS

Allocation #1 & #2

4. RM2 funds for this project shall be made available for the preliminary engineering component of the environmental/preliminary engineering phase.
5. If the selected preferred alternative has an impact on the direction and scope of the preliminary engineering work, CCTA will be requested to cease from continuing with the preliminary engineering work until further notice and collaboration with MTC.
6. CCTA may use these funds to complete the environmental study work only after all of the available TCRP funds have been exhausted and a funding gap remains on the environmental study work. CCTA will provide MTC with a revised estimated budget plan and work plan should funds be used to complete the environmental study work.

Allocation #5

7. If the bids for the construction contract are lower than anticipated, any savings would be split among the local funding partners in amounts proportional to the capital contribution of each agency.



Regional Measure 2 Regional Traffic Relief Plan

RM2 Project Number: 36.1

Caldecott Tunnel Improvements – Fourth Bore

Lead Sponsor Contra Costa Transportation Authority	Other Sponsors(s) Caltrans	Implementing Agency (if applicable) Contra Costa Transportation Authority
Legislated Project Description Provide funds to plan and construct a fourth bore at the Caldecott Tunnel between Contra Costa and Alameda Counties.		
RM2 Legislated Funding (in \$1,000) \$50,000		Total Estimated Project Cost (in \$1,000) \$420,000
Project Purpose and Description Provide for a new fourth bore at the Caldecott Tunnel. Route 24 serves as a major east/west connector between Interstates 580 and 80 in Alameda County and Interstate 680 Contra Costa County. The Caldecott Tunnel is considered to be the key bottleneck on Route 24 for traffic traveling between Alameda, Eastern and Central Contra Costa, and San Francisco Counties. This project proposes to construct a fourth tunnel to improve mobility of people and goods along the Route 24 corridor via the Caldecott Tunnels. The limits of the proposed project are from Route 24/Route 13 interchange in Alameda County to Route 24/Gateway Boulevard interchange in Contra Costa County. The project will improve the movement of people and goods along Route 24 via the Caldecott tunnels and improve travel time and therefore reduce delays. Other benefits include enhancing safety of the traveling public and Caltrans maintenance workers and improving tunnel emergency response time.		
Funding Description Committed Funds: The project is fully funded with the infusion of CMIA Proposition 1B funds, as well as RM2, Measure/Sales Tax, and other state and federal sources. Uncommitted Funds: This project is fully funded. Operating Capacity: Caltrans will maintain and operate the facility as part of the State Highway System (State Route 24).		

Overall Project Cost and Schedule

Phase	Scope	Start	End	Cost (in \$1,000)
1	Final Environmental Document*	12/2002	09/2007	\$26,000
2	Plans, Specifications and Estimates	01/2006	02/2009	\$27,600
3	Right-of-Way	01/2007	10/2008	\$1,100
4	Construction	12/2009	04/2014	\$365,300
Total:				\$420,000

Total Project Funding Plan: Committed and Uncommitted Sources

(Amounts Escalated in Thousands)

Project Title	Caldecott Tunnel Improvements – Fourth Bore	Project No. 36.1	
Lead Sponsor	Contra Costa Transportation Authority		

Fund Source	Phase	Prior	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	Future	Total
Committed										
STIP-IIP	PA&ED	9,000								9,000
TCRP	PA&ED	10,000								10,000
RM2	PA&ED *	7,000								7,000
STIP-IIP	PS&E		5,200							5,200
STIP-RIP	PS&E		2,000							2,000
TCRP	PS&E	10,000								10,000
RM2	PS&E		8,000	2,000						10,000
Measure J	PS&E							400		400
STIP-IIP	R/W		1,100							1,100
CMIA	Const			11,043						11,043
RM2	Const			33,000						33,000
ARRA-State	Const			92,700						92,700
ARRA-Regional	Const			104,957						104,957
Measure J	Const			117,360				4,800		122,160
SAFETEA-LU	Const			1,440						1,440
Total:		36,000	16,300	362,500	0	0	0	5,200	0	420,000
Uncommitted										
* Note: \$4.5m of PA&ED allocation were used for preliminary engineering/design.										
										0
Total:		0	0	0	0	0	0	0	0	0
Total Project Committed and Uncommitted										
		Prior	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	Future	Total
Total:		36,000	16,300	362,500	0	0	0	5,200	0	420,000

REGIONAL MEASURE 2 PROGRAM Project Cash Flow Plan

Project Title: Caldecott Tunnel Improvements - Fourth Bore

Sponsor: Contra Costa Transportation Authority (CCTA)

RM2 Project Number: 36.1

RM2 Project # 36.1	PRIOR	FY 2005-06	FY 2006-07	FY 2007-08	FY 2008-09	FY 2009-10+	TOTAL
RM2 Funds Total	-	7,000,000	-	8,000,000	2,000,000	33,000,000	50,000,000
Environmental (ENV)	19,000,000	7,000,000	0	0	0	0	26,000,000
RM2*		7,000,000					7,000,000
TCRP	10,000,000						10,000,000
ITIP	9,000,000						9,000,000
							0
* Note: \$4.5m of PA&ED allocation was used for premininary engineering/design							
Final Design (PS&E)	0	10,000,000	0	15,200,000	2,000,000	400,000	27,600,000
RM2				8,000,000	2,000,000	0	10,000,000
STIP-IIP				5,200,000			5,200,000
STIP-RIP				2,000,000			2,000,000
Measure J						400,000	400,000
TCRP		10,000,000					10,000,000
Right of Way	0	0	0	1,100,000	0	0	1,100,000
IIP				1,100,000			1,100,000
							0
Construction	0	0	0	0	0	365,300,000	365,300,000
RM2						33,000,000	33,000,000
ARRA						197,657,000	197,657,000
Measure J						122,160,000	122,160,000
Federal Earmark						1,440,000	1,440,000
CMIA Reserve (unallocated)						11,043,000	11,043,000
TOTAL FUNDING							
Environmental	19,000,000	7,000,000	0	0	0	0	26,000,000
Final Design (PS&E)	0	10,000,000	0	15,200,000	2,000,000	400,000	27,600,000
Right of Way	0	0	0	1,100,000	0	0	1,100,000
Construction	0	0	0	0	0	365,300,000	365,300,000
PROJECT TOTAL	19,000,000	17,000,000	0	16,300,000	2,000,000	365,700,000	420,000,000

Date: January 25, 2006
W.I.: 1255
Referred by: PAC
Revised: 12/17/08-C
07/22/09-C

ABSTRACT

MTC Resolution No. 3730, Revised

This resolution approves the allocation of Regional Measure 2 funds for the I-80 HOV Lane Extension from Route 4 to Carquinez Bridge project sponsored and implemented by Caltrans.

This resolution includes the following attachments:

- Attachment A - Allocation Summary Sheet
- Attachment B - Project Specific Conditions for Allocation Approval
- Attachment C - MTC staff's review of Caltrans' Initial Project Report (IPR) for this project
- Attachment D - RM2 Deliverable/Useable Segment Cash Flow Plan

This resolution was revised through Commission Action on December 17, 2008, to allocate \$950,000 in additional final design funds to cover cost overruns associated with the final design of the project.

This resolution was revised through Commission Action on July 22, 2009, to allocate \$40.5 million in RM2 funds for the construction phase of the project.

Additional discussion of this allocation is contained in the Deputy Executive Director's memorandum to the MTC Programming and Allocations Committee dated January 11, 2006, December 10, 2008, and July 8, 2009.

REGIONAL MEASURE 2 PROGRAM Allocation of Funds

Project Title: I-80 HOV Lane Extension from Route 4 to Carquinez Bridge
Sponsor: Caltrans
Project Number: 8

Allocation No. 1						
Activities to be funded with Allocation #1:						
1. Update the Project Report for the eastbound HOV project. 2. Final Design specifications for the project.						
Funding Information:						
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date	
06373001	25-Jan-06	\$ 300,000	ENV	2005-06	\$ 300,000	
06373002	25-Jan-06	\$ 890,000	PSE	2005-06	\$ 1,190,000	
06373003	25-Jan-06	\$ 310,000	ROW	2005-06	\$ 1,500,000	
07373004	25-Jan-06	\$ 2,220,000	PSE	2006-07	\$ 3,720,000	
08373005	25-Jan-06	\$ 1,540,000	PSE	2007-08	\$ 5,260,000	

Allocation No. 2						
Activities to be funded with Allocation #2:						
This allocation will fund final design cost overruns to bring the project to the ready-to-list milestone, and may include costs associated with contract advertisement.						
Funding Information:						
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date	
09373006	17-Dec-08	\$ 950,000	PSE	2008-09	\$ 6,210,000	

Allocation No. 3						
Activities to be funded with Allocation #3:						
This allocation will fund the construction capital (about \$35 million) and construction support (about \$5.5 million) for the project. This amount includes contingencies, and may be adjusted after the contract bid opening and award.						
Funding Information:						
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date	
10373007	22-Jul-09	\$ 40,500,000	Const.	2009-10	\$ 46,710,000	

REGIONAL MEASURE 2 PROGRAM Project Specific Conditions

Project Title: I-80 HOV Lane Extension from Route 4 to Carquinez Bridge
Sponsor: Caltrans
Project Number: 8

The allocation and reimbursement of RM2 funds for the above project are conditioned upon the following :

1. Expenditures against the RM2 allocation shall only be eligible following the execution of a cooperative funding agreement between MTC and Caltrans.
2. Caltrans may invoice MTC for eligible expenses as frequently as monthly, in accordance with the cash flow plan.
3. The cost estimates for the Construction phase are being reevaluated. The total project as identified in the IPR is considered conceptual until MTC allocates to the construction phase.
4. Upon Completion of the project report update, Caltrans shall provide MTC with its recommendation and supporting analysis for eastern terminus of the project. Two options are under evaluation - either the west approach or the toll plaza of the Carquinez Bridge.
5. Allocation No. 10373007 may be adjusted in September 2009 based on the actual contract bids received or contract awarded.



Regional Measure 2 Regional Traffic Relief Plan

RM2 Project Number: 8

I-80 HOV Lane Extension from Route 4 to Carquinez Bridge

Lead Sponsor Caltrans	Other Sponsors(s) N/A	Implementing Agency (if applicable) Caltrans
Legislated Project Description Interstate 80: Eastbound High-Occupancy Vehicle (HOV) Lane Extension from Route 4 to Carquinez Bridge. Construct HOV-lane extension.		
RM2 Legislated Funding (in \$1,000) \$50,000		Total Estimated Project Cost (in \$1,000) \$50,000
Project Purpose and Description Extend the high occupancy vehicle lane in the Eastbound direction on Interstate 80 between State Route 4 and the Carquinez Bridge. This stretch of roadway is a critical east-west connector between the San Francisco Bay Area, Sacramento, and the points east into and beyond the Sierras. With the anticipated growth in both the commuter and commercial traffic along this portion of the corridor, it is expected that without improvements, operational performance will continue to decline in the years to come. The purpose of this project is to: <ul style="list-style-type: none"> · Close the gap in the existing HOV lanes on I-80 between SR-4 and the Carquinez Bridge and create a continuous HOV Lane system from the Carquinez Bridge to the San Francisco-Oakland Bay Bridge. · Reduce travel delay · Enhance intermodal transportation along the I-80 corridor in the Bay Area. 		
Funding Description Committed Funds: Regional Measure 2 funding fully funds the project. Uncommitted Funds: None Operating Capacity: The HOV lanes will be operated and maintained by the California Department of Transportation as part of the normal maintenance and operations of the State Highway System (Interstate 80).		

Overall Project Cost and Schedule

Phase	Scope	Start	End	Cost (in \$1,000)
1	Final Environmental Document	09/2005	12/2008	\$300
2	Plans, Specifications and Estimates	09/2005	06/2009	\$5,600
3	Right-of-Way	01/2006	03/2009	\$300
4	Construction	10/2009	10/2011	\$43,800
Total:				\$50,000

Total Project Funding Plan: Committed and Uncommitted Sources

(Amounts Escalated in Thousands)

Project Title	I-80 HOV Lane Extension from Route 4 to Carquinez Bridge					Project No. 8				
Lead Sponsor	Caltrans									

Fund Source	Phase	Prior	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	Future	Total
Committed										
RM2	Environmental			300						300
RM2	PS&E			65	2,200	3,335				5,600
RM2	ROW				10	90				100
RM2	ROW - Sup				133	67				200
RM2	Construction -Cap					3,000	28,900	6,400		38,300
RM2	Construction -Sup					500	3,250	1,750		5,500
										0
Total:		0	0	365	2,343	6,992	32,150	8,150	0	50,000
Uncommitted										
										0
										0
Total:		0	0	0	0	0	0	0	0	0
Total Project Committed and Uncommitted										
		Prior	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	Future	Total
Total:		0	0	365	2,343	6,992	32,150	8,150	0	50,000

REGIONAL MEASURE 2 PROGRAM Project Cash Flow Plan

January 25, 2006
Attachment D
MTC Resolution No. 3730
Org Key: 840-8808-01
Page 1 of 1
Revised: 12/17/08-C
07/22/09-C

Project Title: I-80 HOV Lane Extension from Route 4 to Carquinez Bridge
Sponsor: Caltrans
RM2 Project Number: 8

	PRIOR	FY 2006-07	FY 2007-08	FY 2008-09	FY 2009-10	FY 2010-11	TOTAL
RM2 Funds Total	-	508,000	2,357,000	3,335,000	40,500,000	-	46,700,000
Environmental (ENV)	0	300,000	0	0	0	0	300,000
RM2		300,000					300,000
							0
							0
							0
Final Design (PS&E)	0	65,000	2,200,000	3,335,000	0	0	5,600,000
RM2		65,000	2,200,000	3,335,000			5,600,000
							0
							0
							0
Right of Way	0	143,000	157,000	0	0	0	300,000
RM2		143,000	157,000				300,000
							0
							0
							0
Construction	0	0	0	0	40,500,000	0	40,500,000
RM2					40,500,000		40,500,000
							0
							0
							0
TOTAL FUNDING							
Environmental	0	300,000	0	0	0	0	300,000
Final Design (PS&E)	0	65,000	2,200,000	3,335,000	0	0	5,600,000
Right of Way	0	143,000	157,000	0	0	0	300,000
Construction	0	0	0	0	40,500,000	0	40,500,000
PROJECT TOTAL	0	508,000	2,357,000	3,335,000	40,500,000	0	46,700,000

Date: January 25, 2006
W.I.: 1255
Referred by: PAC
Revised: 10/25/06-C 03/28/07-C
11/28/07-C 05/28/08-C
06/25/08-C 03/25/09-C
07/22/09-C

ABSTRACT

MTC Resolution No. 3739, Revised

This resolution approves the allocation of Regional Measure 2 funds for the Solano County Corridor Improvements near Interstate 80/Interstate 680/SR 12 Interchange project sponsored and implemented by the Solano Transportation Authority.

This resolution includes the following attachments:

- Attachment A - Allocation Summary Sheet
- Attachment B - Project Specific Conditions for Allocation Approval
- Attachment C - MTC staff's review of Solano Transportation Authority's Initial Project Report (IPR) for this project
- Attachment D - RM2 Deliverable/Useable Segment Cash Flow Plan

This resolution was revised on October 25, 2006 to approve a supplemental allocation for environmental and preliminary engineering for subproject 2, I-80 HOV Lanes in Solano County, for \$1 million.

This resolution was revised on March 28, 2007 to approve an allocation of final design funds for subproject 2, I-80 HOV Lanes in Solano County, for \$4.5 million, and an allocation for construction of an advance bridge widening for the same project for \$2 million.

This resolution was revised on November 28, 2007 through Commission Action to approve an allocation of environmental and preliminary engineering funds for subproject 3, I-80/I-680/SR-12 Interchange, for \$13.5 million in RM2 funds.

This resolution was revised on May 28, 2008 through Commission Action to rescind \$5.2 million from the environmental allocation for subproject 3, I-80/I-680/SR-12 Interchange, originally allocated for \$13.5 million in RM2 funds, and reallocate the rescinded \$5.2 million for

ABSTRACT

MTC Resolution No. 3739, Revised

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subproject 4, I-80 Eastbound Cordelia Truck Scales Relocation. The revised environmental allocation amount for subproject 3 is \$8.3 million.

This resolution was revised on June 25, 2008 through Commission Action to allocate \$1 million in final design (PS&E), \$7 million in Right of Way, and \$2.3 million in advanced construction RM2 funds for the North Connector project.

This resolution was revised on March 25, 2009 through Commission Action to allocate \$18.2 million in RM2 funds for the construction of the North Connector project.

This resolution was revised on July 22, 2009 through Commission Action to create one new subproject, number 5, for the I-80 High Occupancy / Express Lanes, and allocate \$1.1 million in RM2 funds for the environmental phase of subproject 5.

Additional discussion of this allocation is contained in the Executive Director's memorandum to the MTC Programming and Allocations Committee dated January 11, 2006, October 4, 2006, March 7, 2007, November 14, 2007, May 14, 2008, June 11, 2008, March 4, 2009, and July 8, 2009.

**REGIONAL MEASURE 2 PROGRAM
 Allocation of Funds**

Project Title: I-80 High Occupancy / Express Lanes
 Sponsor: Solano Transportation Authority
 Project Number: 7.5

Allocation No. 1						
Activities to be funded with Allocation #1:						
This project will fund a project study report, environmental document, and preliminary engineering for the I-80 Expresss Lanes from Red Top Raod to I-505.						
Funding Information:						
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date	
10373916	22-Jul-09	\$ 1,100,000	ENV	FY 2009-10	\$ 1,100,000	

REGIONAL MEASURE 2 PROGRAM Project Specific Conditions

Project Title: I-80 High Occupancy / Express Lanes
Sponsor: Solano Transportation Authority
Project Number: 7.5

The allocation and reimbursement of RM2 funds for the above project are conditioned upon the following :

1. STA may invoice MTC for eligible expenses as frequently as monthly, in accordance with the cash flow plan.



Regional Measure 2 Regional Traffic Relief Plan

RM2 Project Number: 7.5

I-80 High Occupancy / Express Lanes

Lead Sponsor Solano Transportation Authority	Other Sponsors(s) N/A	Implementing Agency (if applicable) Solano Transportation Authority and Caltrans
Legislated Project Description Solano County Corridor Improvements near Interstate 80/Interstate 680 Interchange. Provide funding for improved mobility in the corridor based on recommendations of a joint study conducted by the Department of Transportation and the Solano Transportation		
RM2 Legislated Funding (in \$1,000) Total Overall Funding: \$100,000 7.1 North Connector (\$31,464) 7.2 I-80 HOV Lanes in Solano Co. (\$11,000) 7.3 I-80/I-680/SR-12 Interchange (\$56,436 [split between 7.3 and 7.4]) 7.4 I-80 Eastbound Cordelia Truck Scales Relocation (\$56,436 [split bt 7.3&7.4]) 7.5 I-80 High Occupancy Toll (HOT) Lane Conversion (\$1,100)		Total Estimated Project Cost (in \$1,000) Total Overall Cost: \$399,960 7.1 North Connector (\$56,664) 7.2 I-80/I-680/SR12 HOV Lanes (\$79,948) 7.3 I-80/I-680/SR-12 Interchange (\$162,248) 7.4 I-80 Eastbound Cordelia Truck Scales Relocation (\$100,900) 7.5 I-80 High Occupancy Toll (HOT) Lane Conversion (\$185,250)
Project Purpose and Description An Express Lane is a toll enacted on single-occupant vehicles who wish to use lanes or entire roads that are designated for the use of High-Occupancy Vehicles (HOVs). Tolls are collected either by manned toll booths, automatic number plate recognition, or electronic toll collection systems. Express Lanes or HOT lanes require single-occupant vehicles to pay a toll that varies based on demand, called congestion pricing. The tolls change throughout the day according to real-time traffic conditions to manage the number of cars in the lanes and keep them free of congestion, even during rush hour. The concept is an expansion of HOV lanes and an effort to maximize their efficiency in moving vehicles. HOV lanes are designed to promote vehicle sharing and use of public transport by creating areas of lower road use as an incentive, but they have been criticized because some are underused. The Express Lanes or HOT lanes provide a mobility option for single occupant vehicles to provide reliable travel at a variable price. This project will begin the process to install Express lanes on the I-80 corridor in Solano County from Red Top Road to I-505.		
Funding Description Committed Funds: This project currently RM2 funds. Uncommitted Funds: This project is may have additional funds from bonds if AB 744 is passed. Operating Capacity: Caltrans will be responsible for owning and operating the mainline interchange improvements.		

Overall Project Cost and Schedule

Phase	Scope	Start	End	Cost (in \$1,000)
1	Final Environmental Document	07/2009	12/2011	\$31,980
2	Plans, Specifications and Estimates	07/2009	12/2011	\$15,745
3	Right-of-Way	N/A	N/A	\$0
4	Construction	N/A	N/A	\$464,800

Total: \$512,525

Total Project Funding Plan: Committed and Uncommitted Sources

(Amounts Escalated in Thousands)

Project Title	I-80 High Occupancy / Express Lanes					Project No. 7.4				
Lead Sponsor	Solano Transportation Authority									

Fund Source	Phase	Prior	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	Future	Total
Committed										
RM2	ENV					1,100				1,100
										0
										0
										0
										0
										0
										0
Total:		0	0	0	0	1,100	0	0	0	1,100
Uncommitted										
Uncommitted	ENV					30,880				30,880
Uncommitted	PSE							15,745		15,745
Uncommitted	CON								464,800	464,800
Total:		0	0	0	0	30,880	0	15,745	464,800	511,425
Total Project Committed and Uncommitted										
		Prior	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	Future	Total
Total:		0	0	0	0	31,980	0	15,745	464,800	512,525

REGIONAL MEASURE 2 PROGRAM Project Cash Flow Plan

July 22, 2009
Attachment D-5
MTC Resolution No. 3739
Org Key: 840-8807-05
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Project Title: I-80 High Occupancy Toll (HOT) Lanes
Sponsor: Solano Transportation Authority
RM2 Project Number: 7.5

	PRIOR	FY 2006-07	FY 2007-08	FY 2008-09	FY 2009-10	FY 2010-11	TOTAL
RM2 Funds Total	-	-	-	-	1,100,000	-	1,100,000
Environmental (ENV)	0	0	0	0	1,100,000	0	1,100,000
RM2					1,100,000		1,100,000
							0
							0
							0
Final Design (PS&E)	0	0	0	0	0	0	0
RM2							0
							0
							0
							0
Right of Way	0	0	0	0	0	0	0
RM2							0
							0
							0
							0
Construction	0	0	0	0	0	0	0
							0
							0
							0
							0
TOTAL FUNDING							
Environmental	0	0	0	0	1,100,000	0	1,100,000
Final Design (PS&E)	0	0	0	0	0	0	0
Right of Way	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
PROJECT TOTAL	0	0	0	0	1,100,000	0	1,100,000