

**Metropolitan Transportation Commission
Programming and Allocations Committee**

April 14, 2010

Item Number 4b

Resolution Nos. 3649, Revised; 3653, Revised; 3712, Revised; 3730, Revised

Subject: Allocation of approximately \$9 million and rescission of approximately \$27 million in Regional Measure 2 (RM2) capital funds.

Background: To date, MTC has allocated approximately \$1.1 billion of the \$1.5 billion RM2 capital program. This month, one project is proposed for capital allocation and two projects are proposed for rescissions.

Allocations:

1. Cal Park Hill Tunnel Rehabilitation: The Transportation Authority of Marin (TAM) and the Sonoma-Marín Area Rail Transit District (SMART) are requesting allocations and rescissions/reallocations of funds to complete the rehabilitation of the Cal Park Hill Tunnel. The Tunnel project is funded from both SMART (project 10) and 101/Greebrae Corridor Improvements (project 11). Overall, the sponsors are requesting \$9 million be allocated to construct the final phases of the tunnel rehabilitation (phases B & C). Of this total, \$2.9 million would come from the TAM (101) project and \$6.1 million would come from the SMART project. The SMART allocation includes \$2.5 million in funds being rescinded from Phase A of the project, plus \$3.6 million in new funds allocated. Some or all of the allocation may be rescinded if federal stimulus funds are secured for the project. MTC and SMART staff continue to work on a funding plan for the overall SMART rail project.

Rescissions:

1. Caldecott Tunnel Fourth Bore: Caltrans awarded the contract for the Caldecott Tunnel Fourth Bore project in late 2009, and began construction in early 2010. The contract was awarded at substantial savings compared to the engineer's estimate. As a result, the Contra Costa Transportation Authority requests a rescission of \$15 million in RM2 funds from the project, which will be held in reserve for the project corridor until final project costs are known.

2. Contra Costa I-80 Eastbound HOV Lane: Caltrans awarded the contract for the I-80 Eastbound HOV Lane from SR-4 to the Carquinez Bridge in late 2009, and began construction in early 2010. The contract was awarded at substantial savings compared to the engineer's estimate. As a result, Caltrans requests a rescission of \$10 million in RM2 funds from the project, which will be held in reserve for the project corridor until final project costs are known.

Issues: None

Recommendation: Refer Resolution Nos. 3649, Revised, 3653, Revised, 3712, Revised, 3730, Revised to the Commission for approval.

Attachments: MTC Resolution Nos. 3649, Revised, 3653, Revised, 3712, Revised, and 3730, Revised

Date: September 22, 2004
W.I.: 1255
Referred by: PAC
Revised: 04/27/05-C 07/27/05-C
11/02/05-DA 01/25/06-DA
05/24/06-DA 09/26/07-C
03/26/08-C 12/17/08-C
04/28/10-C

ABSTRACT

MTC Resolution No. 3649, Revised

This resolution approves the allocation of Regional Measure 2 funds for the U.S. 101 Greenbrae Interchange Improvements project sponsored and implemented by the Transportation Authority of Marin.

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 the Transportation Authority of Marin's Initial Project Report (IPR) for this project
- Attachment D - RM2 Deliverable/Useable Segment Cash Flow Plan

This resolution was amended on April 27, 2005 to allocate funds for the Sir Francis Drake Boulevard Widening project.

This resolution was amended on July 27, 2005 to allocate funds for the Cal Park Hill Tunnel Rehabilitation and Bikeway project.

This resolution was amended on November 2, 2005 to allocate \$270,000 in additional funds for the Sir Francis Drake Boulevard Widening project (#11.2) through Delegated Authority. The additional funding request is resultant of a cost increase on the project due to unexpected sharp rises in the price of asphalt. Some funds are being redirected from the planned project #11.4 (Ferry Access project) to help cover this increase. Attachments A-2 through D-2 provide more information on this allocation action.

This resolution was amended on January 25, 2006 to allocate \$225,000 in additional funds for the Sir Francis Drake Boulevard Widening project (#11.2) through Delegated Authority. The

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MTC Resolution No. 3649, Revised

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additional funding request is resultant of a cost increase on the project due to a contracting issue. A new subcontractor has been hired and resulting in a cost increase. The funds are being redirected from the planned project #11.1 (Greenbrae Interchange project) to help cover this increase. Attachments A-2 through D-2 provide more information on this allocation action.

This resolution was revised on May 24, 2006 through Delegated Authority to allocate \$1 million to the Cal Park Hill Tunnel Rehabilitation and Bikeway project.

This resolution was revised on September 26, 2007 through Commission Action to allocate \$2 million in RM2 funds for the environmental phase of the Central Marin Ferry Connection project.

This resolution was revised on March 26, 2008 through Commission Action to allocation \$1 million in RM2 funds for the construction phase of the Cal Park Hill Tunnel Rehabilitation, Phase A project.

This resolution was revised on December 17, 2008 through Commission Action to allocate \$4.4 million in RM2 funds for the environmental and preliminary engineering phases of Project 11.1, US-101 Greenbrae Improvements.

This resolution was revised on April 28, 2010 through Commission Action to allocate \$2.892 million in RM2 funds for the construction phase of Project 11.3, Cal Park Hill Tunnel Rehabilitation project.

Additional discussion of this allocation is contained in the Executive Director's memorandum to the MTC Programming and Allocations Committee dated September 8, 2004, April 13, 2005, July 13, 2005, and December 10, 2008, and the Programming and Allocation Committee Summary Sheet dated September 12, 2007, March 5, 2008, and April 14, 2010.

**REGIONAL MEASURE 2 PROGRAM
Allocation of Funds**

Project Title: Cal Park Hill Tunnel Rehabilitation and Bikeway
Sponsor: Transportation Authority of Marin
Project Number: 11.3

**REGIONAL MEASURE 2
Deliverable/Useable Segment
Allocation of Regional Measure 2 Funds**

Allocation No. 11.3-1					
Activities to be funded with Allocation #1:					
Allocation will fund design work for the rehabilitation of the Cal Park Hill Tunnel and construction of a pathway within the railroad right-of-way to provide bicycle/pedestrian improvements to connect the San Rafael Transit Center in downtown San Rafael and the Larkspur Ferry Terminal in Larkspur. The project includes the rehabilitation of the existing and partially collapsed 1,100 foot long Cal Park Tunnel for the dual use of future rail and a pedestrian pathway, and the use of the existing 72 foot long Auburn Street timber railroad trestle or a new pathway structure adjacent to it.					
Funding Information for Allocation #1:					
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date
06364904	27-Jul-05	\$ 200,000	PSE	FY 2005-06	\$ 200,000

Allocation No. 11.3-2					
Activities to be funded with Allocation #2:					
Originally, the design phase was to be funded in part through State Transportation Enhancement Activities (TEA) funding. However, due to allocation issues regarding the TEA fund source, TAM is requesting that the RM2 funds be used to complete the design phase (which were originally budgeted for the construction phase). The TEA funds have been rebudgeted to the construction phase and a California Transportation Commission allocation request for the TEA funds is anticipated in December 2006.					
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date
07364907	24-May-06	\$ 1,000,000	PSE	FY 2006-07	\$ 1,200,000

Allocation No. 11.3-3					
Activities to be funded with Allocation #3:					
This allocation will fund the construction of Phase A of the Tunnel Rehabilitation and Multi-Use Pathway Improvement project. Phase A includes all rehabilitation and improvement activities within the tunnel. Phase B, which is not included in this allocation, includes the construction of the approaches to the tunnel.					
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date
08364909	26-Mar-08	\$ 1,000,000	CON	FY 2007-08	\$ 2,200,000

**REGIONAL MEASURE 2 PROGRAM
 Allocation of Funds**

Project Title: Cal Park Hill Tunnel Rehabilitation and Bikeway
 Sponsor: Transportation Authority of Marin
 Project Number: 11.3

**REGIONAL MEASURE 2
 Deliverable/Useable Segment
 Allocation of Regional Measure 2 Funds**

Allocation No. 11.3-4					
Activities to be funded with Allocation #4:					
This allocation will fund the construction of Phases B and C of the Tunnel Rehabilitation and Multi-Use Pathway Improvement.					
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date
10364911	28-Apr-10	\$ 2,892,000	CON	FY 2009-10	\$ 5,092,000

RM2 Project Number: 11.3 Cal Park Hill Tunnel Rehabilitation and Bikeway

Lead Sponsor Transportation Authority of Marin	Other Sponsors(s) Sonoma Marin Area Rapid Transit (SMART)	Implementing Agency (if applicable) Marin County
Legislated Project Description Greenbrae Interchange/Larkspur Ferry Access Improvements. Provide enhanced regional and local access around the Greenbrae Interchange to reduce traffic congestion and provide multimodal access to the Richmond-San Rafael Bridge and Larkspur Ferry Terminal by constructing a new full service diamond interchange at Wornum Drive south of the Greenbrae Interchange, extending a multiuse pathway from the new interchange at Wornum Drive to East Sir Francis Drake Boulevard and the Cal Park Hill rail right-of-way, adding a new lane to East Sir Francis Drake Boulevard and rehabilitating the Cal Park Hill Rail Tunnel and right-of-way approaches for bicycle and pedestrian access to connect the San Rafael Transit Center with the Larkspur Ferry Terminal. Sixty-five million dollars (\$65,000,000). The project sponsor is Marin County Congestion Management Agency.		
RM2 Legislated Funding (in \$1,000) Total Overall Funding: \$65,000 11.1 U.S. 101 Greenbrae Interchange Improvements (\$48,723) 11.2 Sir Francis Drake Blvd. Widening (\$825) 11.3 Cal Park Hill Tunnel Rehabilitation and Class 1 Bikeway (\$5,092) 11.4 Central Marin Ferry Access Improvement (\$10,360)		Total Estimated Project Cost (in \$1,000) \$27,451
Project Purpose and Description This project is to rehabilitate the Cal Park Hill Tunnel and construct a pathway within the railroad right-of-way to provide bicycle/pedestrian improvements to connect the San Rafael Transit Center in downtown San Rafael and the Larkspur Ferry Terminal in Larkspur. A graded bench will be created adjacent to the new pathway to provide a sufficient cross-section to accommodate future rail service operations (this project element will be funded by Sonoma-Marin Area Rail Transit (SMART) using their RM2 allocation).		
Funding Description Committed Funds: RM2 - \$5,092,000; State Bicycle Transportation Account - \$908,000; State Transportation Enhancements - \$3m; MTC Transportation for Livable Communities - \$1.5m; NTPP (Federal) - \$2m; TFCA - \$536,000, SMART RM2 - \$11,680,000; Local - \$400,000 Uncommitted Funds: This project is fully funded. Operating Capacity: The project will be maintained by the County of Marin.		

Overall Project Cost and Schedule

Phase	Scope	Start	End	Cost (in \$1,000)
1	Final Environmental Document (CEQA)	08/2001	03/2006	\$640
2	Plans, Specifications and Estimates	05/2004	03/2008	\$3,524
3	Right-of-Way	06/2006	07/2009	\$400
4	Construction	01/2008	03/2010	\$22,887
Total:				\$27,451

Total Project Funding Plan: Committed and Uncommitted Sources

(Amounts Escalated in Thousands)

Project Title	Cal Park Tunnel Rehabilitation and Bikeway	Project No. 11.3								
Lead Sponsor	Transportation Authority of Marin	Revised: 4/28/2010								

Fund Source	Phase	Prior	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	Future	Total
Committed										
BTA	ENV	550	50	40						640
BTA	PSE			268						268
Local	PSE		100	100				56		256
RM2 (TAM)	PSE			1,200						1,200
RM2 (SMART)	PSE			1,800						1,800
Local	ROW				200					200
RM2 (SMART)	ROW				200					200
State TE	CON - Phase A					3,000				3,000
TLC / CMAQ	CON - Phase A					1,500				1,500
RM2 (TAM)	CON - Phase A					1,000				1,000
RM2 (SMART)	CON - Phase A					5,347				5,347
NTPP (Federal)	CON - Phase A					2,000		553		2,553
TFCA	CON - Phase A					536				536
RM2 (TAM)	CON - Phase B							2,892		2,892
RM2 (SMART)	CON - Phase B							6,059		6,059
Total:		550	150	3,408	400	13,383	0	9,560	0	27,451
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:		550	150	3,408	400	13,383	0	9,560	0	27,451

REGIONAL MEASURE 2 PROGRAM Project Cash Flow Plan

Project Title: Cal Park Tunnel Rehabilitation and Bikeway
Sponsor: Transportation Authority of Marin
RM2 Project Number: 11.3

RM2 Project #11.3	PRIOR	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08	FUTURE	TOTAL
RM2 Funds (TAM) Total	-	-	1,200,000	-	1,000,000	2,892,000	5,092,000
Environmental (ENV)	0	0	0	0	0	0	0
							0
							0
							0
							0
Final Design (PS&E)	0	100,000	3,368,000	0	0	56,000	3,524,000
RM2			1,200,000				1,200,000
BTA			268,000				268,000
Local		100,000	100,000			56,000	256,000
RM2 - SMART			1,800,000				1,800,000
Right of Way	0	0	0	0	0	0	0
							0
							0
Construction	0	0	0	0	13,383,000	9,504,000	22,887,000
RM2					1,000,000	2,892,000	3,892,000
State TEA					3,000,000		3,000,000
TFCA					536,000		536,000
NTPP					2,000,000	553,000	2,553,000
TLC - CMAQ					1,500,000		1,500,000
RM2 - SMART					5,347,000	6,059,000	11,406,000
TOTAL FUNDING							
Environmental	0	0	0	0	0	0	0
Final Design (PS&E)	0	100,000	3,368,000	0	0	56,000	3,524,000
Right of Way	0	0	0	0	0	0	0
Construction	0	0	0	0	13,383,000	9,504,000	22,887,000
PROJECT TOTAL	0	100,000	3,368,000	0	13,383,000	9,560,000	26,411,000

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 04/28/10-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."

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.

ABSTRACT

MTC Resolution No. 3653, Revised

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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.

This resolution was revised on April 28, 2010 by Commission action to rescind allocation of \$14.7 million in RM2 funds for construction, due to the lower than expected award amount of the construction contract.

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, July 8, 2009, and April 14, 2010.

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. \$14.7 million was rescinded from #10365305 due to lower than expected award amount for construction.					
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
10365305	28-Apr-10	\$ (14,700,000)	Const.	FY 2009-10	\$ 35,300,000

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. Any rescinded amount shall remain available for subsequent allocation to the project if a justifiable cost increase has occurred.

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			18,300						18,300
ARRA-State	Const			92,700						92,700
ARRA-Regional	Const			104,957						104,957
Measure J	Const			71,560				4,800		76,360
SAFETEA-LU	Const			1,440						1,440
Total:		36,000	16,300	302,000	0	0	0	5,200	0	359,500
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	302,000	0	0	0	5,200	0	359,500

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	18,300,000	35,300,000
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	304,800,000	304,800,000
RM2						18,300,000	18,300,000
ARRA						197,657,000	197,657,000
Measure J						76,360,000	76,360,000
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	304,800,000	304,800,000
PROJECT TOTAL	19,000,000	17,000,000	0	16,300,000	2,000,000	305,200,000	359,500,000

Date: July 27, 2005
W.I.: 1255
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Revised: 04/25/07-C
03/26/08-C
04/28/10-C

ABSTRACT

MTC Resolution No. 3712, Revised

This resolution approves the allocation of Regional Measure 2 funds for the Sonoma Marin Area Rail Transit District (SMART) Corridor Ferry Extension project sponsored and implemented by the SMART.

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 Sonoma Marin Area Rail Transit District's Initial Project Report (IPR) for this project

Attachment D - RM2 Deliverable/Useable Segment Cash Flow Plan

This resolution was amended on April 25, 2007 to approve \$600,000 in supplemental final design funds and \$400,000 for right-of-way funds for subproject 1, Cal Park Hill Tunnel Rehabilitation and Multi-Use Pathway Improvement project.

This resolution was amended on March 26, 2008 to allocate \$7.8 million in construction funds for subproject 1: Cal Park Hill Tunnel Rehabilitation and Multi-Use Pathway Improvement project, Phase A.

This resolution was amended on April 28, 2010 by Commission action to rescind \$2.5 million from Phase A of the Cal Park Hill Tunnel Rehabilitation and Multi-Use Pathway Improvement project, and to allocate \$6.1 million in construction funds for Phase B of the same project.

Additional discussion of this allocation is contained in the Executive Director's memorandum to the MTC Programming and Allocations Committee dated July 13, 2005, and the Programming and Allocation Committee Summary Sheet dated March 5, 2008, and April 14, 2010.

REGIONAL MEASURE 2 PROGRAM Allocation of Funds

Project Title: Sonoma - Marin Area Rail Transit District (SMART) Corridor Ferry Extension:
Cal Park Hill Tunnel
Sponsor: Sonoma - Marin Area Rail Transit District
Project Number: 10.1

Allocation No. 10.1-1					
Activities to be funded with Allocation #1:					
Allocation will fund design work for the rehabilitation of the Cal Park Hill Tunnel and construction of a pathway within the railroad right-of-way to provide bicycle/pedestrian improvements to connect the San Rafael Transit Center in downtown San Rafael and the Larkspur Ferry Terminal in Larkspur. The project includes the rehabilitation of the existing and partially collapsed 1,100 foot long Cal Park Tunnel for the dual use of future rail and a pedestrian pathway, and the use of the existing 72 foot long Auburn Street timber railroad trestle or a new pathway structure adjacent to it.					
Funding Information for Allocation #1:					
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date
06371201	27-Jul-05	\$ 1,000,000	PS&E	FY 2005-06	\$ 1,000,000

Allocation No. 10.1-2					
Activities to be funded with Allocation #2:					
Allocation will fund final design work of the Cal Park Hill Tunnel. This will include design for both the bicycle/pedestrian and rail improvements within the tunnel. The design is currently estimated to be 90% complete with the construction documents to be finalized in the remaining phase, some minor scope changes have been initiated as a result project development. Funding allocation will also be used to prepare for the acquisition of necessary right-of-way easements and to comply with environmental mitigation measures required as part of the resource agency permitting process. The environmental mitigation measures involve depositing funds to a land bank, and are required prior to construction as a part of resource agency approval.					
Funding Information for Allocation #2:					
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date
07371202	25-Apr-07	\$ 600,000	PS&E	FY 2006-07	\$ 1,600,000
07371203	25-Apr-07	\$ 400,000	ROW	FY 2006-07	\$ 2,000,000

Allocation No. 10.1-3					
Activities to be funded with Allocation #3:					
This allocation will fund the construction of Phase A of the Tunnel Rehabilitation and Multi-Use Pathway Improvement project. Phase A includes all rehabilitation and improvement activities within the tunnel. Phase B, which is not included in this allocation, includes the construction of the approaches to the tunnel. \$2.453 million was rescinded from Allocation #08371204 for Phase A, and transferred to Phase B under Allocation #10371205					
Funding Information for Allocation #3:					
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date
08371204	26-Mar-08	\$ 7,800,000	CON	FY 2007-08	\$ 9,800,000
08371204	28-Apr-10	\$ (2,453,000)	CON	FY 2007-08	\$ 7,347,000

REGIONAL MEASURE 2 PROGRAM Project Specific Conditions

Project Title: Sonoma - Marin Area Rail Transit District's Corridor Ferry Extension
Sponsor: Sonoma - Marin Area Rail Transit District
Project Number: 10

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

1. Sonoma - Marin Area Rail Transit District (SMART) may invoice MTC for eligible expenses as frequently as monthly, in accordance with the cash flow plan.
2. Receipt of these funds by the SMART is conditioned on working cooperatively with MTC and the relevant local jurisdictions to encourage Transit-Oriented Development with the goal of assuring that an appropriate number of residences, jobs, services and other activities will be planned for and located within proximity to the rail service.
3. Allocation #3 (Allocation No. 08371204) for construction is contingent on the approval of the RM2 Resolution of Support, scheduled to be adopted by the SMART Board on March 19, 2008.
3. Allocation #4 (Allocation No. 10371205) for construction is contingent on the approval of the RM2 Resolution of Support, scheduled to be adopted by the SMART Board on April 21, 2010.

RM2 Project Number: 10

Sonoma - Marin Area Rail Transit District's Corridor Ferry Extension

Lead Sponsor Sonoma - Marin Area Rail Transit District	Other Sponsors(s) N/A	Implementing Agency (if applicable) N/A
Legislated Project Description Sonoma-Marin Area Rail Transit District (SMART) Extension to Larkspur or San Quentin. Extend rail line from San Rafael to a ferry terminal at Larkspur or San Quentin. Thirty-five million dollars (\$35,000,000). Up to five million dollars (\$5,000,000) may be used to study, in collaboration with the Water Transit Authority, the potential use of San Quentin property as an intermodal water transit terminal. The project sponsor is SMART.		
RM2 Legislated Funding (in \$1,000) \$35,000	Total Estimated Project Cost (in \$1,000) \$590,000	
Project Purpose and Description The SMART Corridor Project includes the implementation of commuter passenger rail service along the publicly held Northwestern Pacific Railroad alignment. The rail corridor is made up of 14 rail stations serving North Bay residents from Cloverdale in Sonoma County to a San Francisco bound ferry terminal in Marin County. The project includes the implementation of multi-modal rail stations, transit oriented development and the construction of a continuous Class 1 pedestrian-bicycle facility along the NWP right of way.		
Funding Description Committed Funds: \$35 Million in RM2; \$37 Million in TCRP; \$2 Million -FHWA Stations; \$28M in Prop 116; \$23 Million in Measure M Uncommitted Funds: \$189 Million in SMART Sales Tax; \$25 Million in Federal Funds TBD Funds: \$251 Million in TBD Funds Operating Capacity: Marin County will operate the Cal Park Hill Tunnel until rail service begins, at which time a new agreement will be executed.		

Overall Project Cost and Schedule

Phase	Scope	Start	End	Cost (in \$1,000)
1	Final Environmental Document	10/2002	06/2005	\$32,900
2	Plans, Specifications and Estimates	07/2006	07/2007	\$21,500
3	Right-of-Way	01/2003	01/2006	\$8,900
4	Construction	07/2007	09/2009	\$526,700
Total:				\$590,000

Total Project Funding Plan: Committed and Uncommitted Sources

(Amounts Escalated in Thousands)

Project Title	SMART's Corridor Ferry Extension Project						Project No. 10			
Lead Sponsor	Sonoma - Marin Area Rail Transit District									

Fund Source	Phase	Prior	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	Future	Total
Committed										
TCRP	ENV	3,950	2,250	2,450	250					8,900
RM2	ENV			1,000						1,000
Measure M	PSE				20,500					20,500
TCRP	PSE				21,500					21,500
FHWA Marin Stations	ROW				2,300					2,300
TCRP	ROW				6,600					6,600
Prop 116	Construction					28,000				28,000
RM2	Construction				6,400	27,600				34,000
Measure M	Construction					2,500				2,500
Total:		3,950	2,250	3,450	57,550	58,100	0	0	0	125,300
Uncommitted										
District Sales Tax	Construction				94,350	94,350				188,700
Federal	Construction					12,500	12,500			25,000
Total:		0	0	0	94,350	106,850	12,500	0	0	213,700
Total Project Committed and Uncommitted										
		Prior	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	Future	Total
Total:		3,950	2,250	3,450	151,900	164,950	12,500	0	0	339,000

REGIONAL MEASURE 2 PROGRAM Project Cash Flow Plan

Project Title: SMART Corridor Ferry Extension
 Sponsor: Sonoma - Marin Area Rail Transit District
 Project Number: 10

RM2 Project # 16	PRIOR	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08	FY 2008-09	FY 2009-10	TOTAL
RM2 Funds Total	-	-	1,000,000	1,000,000	5,347,000	-	-	7,347,000
Environmental (ENV)	0	0	0	0	0	0	0	0
								0
								0
								0
								0
Final Design (PS&E)	0	0	1,000,000	600,000	0	0	0	1,600,000
RM2			1,000,000	600,000				1,600,000
								0
								0
								0
Right of Way	0	0	0	400,000	0	0	0	400,000
RM2				400,000				400,000
								0
								0
								0
Construction	0	0	0	0	5,347,000	0	6,059,000	11,406,000
RM2					5,347,000			5,347,000
RM2							6,059,000	6,059,000
								0
								0
TOTAL FUNDING								
Environmental	0	0	0	0	0	0	0	0
Final Design (PS&E)	0	0	1,000,000	600,000	0	0	0	1,600,000
Right of Way	0	0	0	400,000	0	0	0	400,000
Construction	0	0	0	0	5,347,000	0	6,059,000	11,406,000
PROJECT TOTAL	0	0	1,000,000	1,000,000	5,347,000	0	6,059,000	13,406,000

Date: January 25, 2006
W.I.: 1255
Referred by: PAC
Revised: 12/17/08-C
07/22/09-C
04/28/10-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.

This resolution was revised through Commission Action on April 28, 2010 to rescind \$9.975 million in RM2 funds for the construction phase of the project due to award savings.

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, July 8, 2009, and April 14, 2010.

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. The rescission amount approved on April 28, 2010 reflects the award savings and a 10% construction capital contingency.						
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	
10373007	28-Apr-10	\$ (9,975,000)	Const.	2009-10	\$ 36,735,000	

REGIONAL MEASURE 2 PROGRAM Project Cash Flow Plan

January 25, 2006
Attachment D
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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	30,525,000	-	36,725,000
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	30,525,000	0	30,525,000
RM2					30,525,000		30,525,000
							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	30,525,000	0	30,525,000
PROJECT TOTAL	0	508,000	2,357,000	3,335,000	30,525,000	0	36,725,000