

**Metropolitan Transportation Commission  
Programming and Allocations Committee**

December 13, 2017

Agenda Item 2d

**MTC Resolution No. 4250, Revised**

**Subject:** Allocation of \$2.7 million in Regional Measure 2 (RM2) funds to MTC for the Bay Bridge Forward: West Grand HOV/Bus-Only Lane (Phase 1) and Commuter Parking projects.

**Background:** In July 2016, the Commission approved the One Bay Area Grant (OBAG 2) framework. This framework includes \$40 million for Bay Bridge Forward, a suite of projects that aims to increase person throughput within the Bay Bridge corridor. Of the \$40 million, \$21 million comes from RM2 funds.

**West Grand HOV/Bus-Only Lane**

One element of the Bay Bridge Forward suite of projects is the West Grand HOV/Bus-Only Lane project in Oakland. This project will increase transbay person throughput by converting approximately 1,300 feet of the right shoulder of the West Grand Avenue on-ramp and the northbound I-880 connector to the San Francisco-Oakland Bay Bridge to a Bus Lane, which will be opened to high-occupancy vehicles during peak periods. The project will also enhance traffic operations by re-striping a portion of the I-880 approach to the toll plaza, and converting a cash-only lane to a FasTrak lane. The current project (Phase 1) extends the existing HOV lane to the Bay Bridge/I-580 split just beyond the Maritime Street on-ramp. Phase 2 is currently being studied, and may extend the HOV lane from the Phase 1 terminus at the Bay Bridge/I-580 split to the Maritime Street intersection or beyond. Design for the project is 95% complete and is awaiting Caltrans review.

The total construction cost for Phase 1 (the current allocation) is the requested \$2.5 million. Phase 1 should be completed in 2018. The construction of Phase 2 is also funded through RM2, and is expected to be about \$2.3 million. Phase 2 should begin construction in early 2019, and is subject to a separate RM2 allocation by the Commission.

**Commuter Parking**

MTC is also requesting allocation of \$168,000 in RM2 funds for the final design of the Bay Bridge Forward Commuter Parking project. This project will establish commuter parking in the East Bay to encourage carpool and transit ridership at I-880/Fruitvale and High (Oakland) and I-80/Buchanan (Albany) using Caltrans airspace leases.

**Issues:** The environmental document for the commuter parking project is expected to be approved in early December, and the allocation will be conditioned upon approval.

**Recommendation:** Refer MTC Resolution No. 4250, Revised, to the Commission for approval.

**Attachments:** MTC Resolution No. 4250, Revised

Date: December 21, 2016  
W.I.: 1255  
Referred by: PAC  
Revised: 05/24/17-DA  
06/28/17-C  
12/20/17-C

ABSTRACT

MTC Resolution No. 4250, Revised

This resolution approves the allocation of Regional Measure 2 funds for the Bay Bridge Forward project, an element of the Regional Express Bus South program, sponsored by AC Transit, Alameda County Transportation Commission, the Dumbarton Bridge Regional Operations Consortium member agencies, and the Metropolitan Transportation Commission.

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 Initial Project Report (IPR) for this project
- Attachment D - RM2 Deliverable/Useable Segment Cash Flow Plan

This resolution allocates \$2.3 million in RM2 funds to the planning, environmental, and preliminary engineering phases of the Bay Bridge Forward project.

This resolution was amended via delegated authority on May 24, 2017 to allocate \$730,000 in RM2 funds for the study of High-Occupancy Vehicle Enforcement Pilot, and to allocate \$200,000 in RM2 funds for the final design of the West Grand HOV/Bus Only Lane project. Both are part of the Bay Bridge Forward program.

This resolution was amended via Commission Action on June 28, 2017 to allocate \$750,000 in RM2 funds for the Flexible Transit Pilot, part of the Bay Bridge Forward program.

This resolution was amended via Commission Action on December 20, 2017 to allocate \$2.5 million in RM2 funds for the construction of the West Grand HOV/Bus-Only Lane (Phase 1), and \$168,000 for the final design phase of the Commuter Parking project, both part of the Bay Bridge Forward program. Allocation for the commuter parking project is conditioned on approval of the environmental document, expected in early December.

Additional discussion of this allocation is contained in the Executive Director's memorandum to the MTC Programming and Allocations Committee dated December 14, 2016, June 14, 2017, and December 13, 2017.

Date: December 21, 2016  
W.I.: 1255  
Referred by: PAC

Re: Approval of Allocation of Regional Measure 2 Funds for the Bay Bridge Forward Project

METROPOLITAN TRANSPORTATION COMMISSION  
RESOLUTION No. 4250

WHEREAS, pursuant to Government Code Section 66500 et seq., the Metropolitan Transportation Commission (“MTC”) is the regional transportation planning agency for the San Francisco Bay Area; and

WHEREAS, Streets and Highways Code Sections 30950 *et seq.* created the Bay Area Toll Authority (“BATA”) which is a public instrumentality governed by the same board as that governing MTC; and

WHEREAS, on March 2, 2004, voters approved Regional Measure 2, increasing the toll for all vehicles on the seven state-owned toll bridges in the San Francisco Bay Area by \$1.00, with this extra dollar funding various transportation projects within the region that have been determined to reduce congestion or to make improvements to travel in the toll bridge corridors, as identified in SB 916 (Chapter 715, Statutes of 2004), commonly referred as Regional Measure 2 (“RM2”); and

WHEREAS, RM2 establishes the Regional Traffic Relief Plan and lists specific capital projects and programs and transit operating assistance eligible to receive RM2 funding as identified in Streets and Highways Code Sections 30914(c) & (d); and

WHEREAS, RM2 assigns administrative duties and responsibilities for the implementation of the Regional Traffic Relief Plan to MTC; and

WHEREAS, BATA shall fund the projects of the Regional Traffic Relief Plan by transferring RM2 authorized funds to MTC; and

WHEREAS, MTC adopted policies and procedures for the implementation of the Regional Measure 2 Regional Traffic Relief Plan, specifying the allocation criteria and project compliance requirements for RM 2 funding (MTC Resolution No. 3636); and

WHEREAS, the Alameda Contra Costa Transit (AC Transit), Alameda County Transportation Commission, the Dumbarton Bridge Regional Operations Consortium member agencies, and MTC are

the project co-sponsors, and MTC will be the lead project sponsor and implementing agency for the Bay Bridge Forward project; and

WHEREAS, MTC has submitted a request for the allocation of RM 2 funds for the Bay Bridge Forward project; and

WHEREAS, the Bay Bridge Forward project is an element of the Regional Measure 2 Express Bus South program, identified as capital project number 29 under RM 2 and is eligible to receive RM 2 funding as identified in Streets and Highways Code Sections 30914(c)(29); and

WHEREAS, the project sponsor has submitted an Initial Project Report (IPR), as required pursuant to Streets and Highway Code Section 30914(e), to MTC for review and approval; and

WHEREAS, Attachment A to this resolution, attached hereto and incorporated herein as though set forth at length, lists the project and phase for which the project sponsor is requesting RM2 funding and the reimbursement schedule and amount recommended for allocation by MTC staff; and

WHEREAS, Attachment B to this resolution, attached hereto and incorporated herein as though set forth at length, lists the required project specific conditions which must be met prior to execution of the allocation and any reimbursement of RM2 funds; and

WHEREAS, Attachment C to this resolution, attached hereto and incorporated herein as though set forth at length, includes MTC staff's review of the Initial Project Report ("IPR") for this project; and

WHEREAS, Attachment D attached hereto and incorporated herein as though set forth at length, lists the cash flow of RM2 funds and complementary funding for the deliverable/useable RM2 project segment; and

WHEREAS, the claimants to which funds are allocated under this resolution have certified that the projects and purposes listed and recorded in Attachment A are in compliance with the requirements of the California Environmental Quality Act (Public Resources Code Section 21000 et seq.), and with the State Environmental Impact Report Guidelines (14 California Code of Regulations Section 15000 et seq.); now, therefore, be it

RESOLVED, that MTC approves MTC staff's review of the project sponsor's IPR for this project as set forth in Attachment C; and be it further

RESOLVED, that MTC approves the allocation and reimbursement of RM2 funds in accordance with the amount and reimbursement schedule for the phase, and activities as set forth in Attachment A; and, be it further

RESOLVED, that the allocation and reimbursement of RM2 funds as set forth in Attachment A are conditioned upon the project sponsor complying with the provisions of the Regional Measure 2 Regional Traffic Relief Plan Policy and Procedures as set forth in length in MTC Resolution 3636; and be it further

RESOLVED, that the allocation and reimbursement of RM2 funds are further conditioned upon the project specific conditions as set forth in Attachment B; and, be it further

RESOLVED, that the allocation and reimbursement of RM2 funds as set forth in Attachment A are conditioned upon the availability and expenditure of any complementary funding as set forth in Attachment D; and be it further

RESOLVED, that reimbursement of RM2 funds as set forth in Attachment A is subject to the availability of RM2 funding; and be it further

RESOLVED, that a certified copy of this resolution, shall be forwarded to the project sponsor.

METROPOLITAN TRANSPORTATION COMMISSION



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David Corlese, Chair

The above resolution was entered into by the Metropolitan Transportation Commission at the regular meeting of the Commission held in San Francisco, California, on December 21, 2016.

## REGIONAL MEASURE 2 PROGRAM Allocation of Funds

Project Title: Bay Bridge Forward  
Sponsor: Metropolitan Transportation Commission  
Project Number: 29.7

Activities to be funded with Allocation #1:						
This allocation will fund the planning, environmental, and preliminary engineering phase for the Bay Bridge Forward suite of projects, including but not limited to (1) West Grand HOV/Bus-Only Lane; (2) Sterling Street Express Lane and HOV Enforcement; (3) Casual Carpool; (4) Integrated Bridge Corridor; (5) Commuter Parking; and (6) Flexible On-Demand Transit.						
Funding Information:						
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date	
17425001	21-Dec-16	\$ 2,312,000	ENV/PE	FY 2016-17	\$ 2,312,000	

Activities to be funded with Allocation #2:						
Allocation 17425002 will fund the study of high-occupancy vehicle enforcement pilot by the California Highway Patrol. The study will measure the impacts of increased CHP enforcement at specific HOV on-ramps and produce a study for future use.						
Allocation 17425003 will fund the final design phase of the West Grand HOV/Bus Only Lane (approach to the San Francisco-Oakland Bay Bridge) in Oakland.						
Funding Information:						
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date	
17425002	24-May-17	\$ 730,000	ENV/PE	FY 2016-17	\$ 3,042,000	
17425003	24-May-17	\$ 200,000	PS&E	FY 2016-17	\$ 3,242,000	

Activities to be funded with Allocation #3:						
Allocation 17425004 will fund the study of Flexible Transit Pilot among large employers in San Francisco, for underserved routes between San Francisco and the East Bay.						
Funding Information:						
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date	
17425004	28-Jun-17	\$ 750,000	ENV/PE	FY 2016-17	\$ 3,992,000	

## REGIONAL MEASURE 2 PROGRAM Allocation of Funds

Project Title: Bay Bridge Forward  
Sponsor: Metropolitan Transportation Commission  
Project Number: 29.7

Activities to be funded with Allocation #4:						
Allocation 18425005 will fund the construction of the West Grand Avenue HOV/Bus-Only Lane project (Phase 1), and allocation 18425006 will fund the final design of the BBF Commuter Parking project.						
Funding Information:						
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date	
18425005	20-Dec-17	\$ 2,500,000	CON	FY 2017-18	\$ 6,492,000	
18425006	20-Dec-17	\$ 168,000	PS&E	FY 2017-18	\$ 6,660,000	

## **REGIONAL MEASURE 2 PROGRAM Project Specific Conditions**

Project Title: Bay Bridge Forward  
Sponsor: Metropolitan Transportation Commission  
Project Number: 29.7

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

1. Allocation 18425006 is conditioned upon the approval of the environmental document for the Commuter Parking project.





# Regional Measure 2 Regional Traffic Relief Plan

December 21, 2016  
 Attachment C  
 MTC Resolution No. 4250  
 Revised: 06/28/17-C; 12/20/17-C

## RM2 Project Number: 29.7 Bay Bridge Forward

Lead Sponsor <b>Metropolitan Transportation Commission</b>	Other Sponsors(s) None.	Implementing Agency (if applicable) <b>Metropolitan Transportation Commission</b>
Legislated Project Description Regional Express Bus Service and Operational Improvements for San Mateo, Dumbarton, and Bay Bridge Corridors. Expand park and ride lots, improve HOV and express lane access, construct ramp improvements, purchase rolling stock, deploy corridor management technologies, and improve transit and carpooling between the East Bay and San Francisco. The project sponsors are AC Transit, Alameda County Transportation Commission, the Dumbarton Bridge Regional Operations Consortium member agencies, and the Metropolitan Transportation Commission.		
RM2 Legislated Funding (in \$1,000) Total Overall Funding \$54,933 29.1 AC Transit Rolling Stock (\$5,300) 29.2 Route 84 WB-Newark Boulevard HOV On-ramp (\$39) 29.3 Route 84 WB - HOV Lane Extension between I-880/Newark Blvd (\$4,063) 29.4 Grand-MacArthur Express Bus Corridor (\$3,515) 29.5 Ardenwood Boulevard Park and Ride Lot (\$6,173) 29.6 Dumbarton Express Bus Replacement (\$10,042) <b>29.7 Bay Bridge Forward (\$21,000)</b> 29.X Reserve (\$4,801)		Total Estimated Project Cost (in \$1,000) \$27,100
Project Purpose and Description Implementation of near-term, cost-effective operational improvements that offer travel time savings and reliability for carpooling and transit use will not only increase person throughput but also reduce congestion, incidents, and emissions in the San Francisco-Oakland Bay Bridge corridor.		
Funding Description Committed Funds: Fully funded by RM2, federal, and other regional funds. Uncommitted Funds: None. Operating Capacity: Caltrans will own and operate improvements on the State Highway System, while MTC and local agencies would cooperatively maintain improvements on streets off the State Highway System.		

### Overall Project Cost and Schedule

Phase	Scope	Start	End	Cost (in \$1,000)
1	Environmental Document/Preliminary Engineering	11/2016	6/2019	\$5,304
2	Designs, Plans, Specs, & Estimates	3/2017	12/2019	\$2,568
3	Right-of-Way Acquisition	n/a	n/a	\$0
4	Construction	6/2017	6/2020	\$22,428

**Total: \$30,300**

## Total Project Funding Plan: Committed and Uncommitted Sources

(Amounts Escalated in Thousands)

<b>Project Title</b>	Bay Bridge Forward	<b>Project No.</b>	29.7
<b>Lead Sponsor</b>	Metropolitan Transportation Commission	<b>Last Updated</b>	12/20/2017

Fund Source	Phase	Prior	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	Future	Total
<b>Committed</b>										
RM2	Env./ PE		3,792		1,300					5,092
Local/Regional	Env./ PE		212							212
RM2	PS&E		200	168	2,200					2,568
RM2	CON			2,500	1,650	9,190				13,340
STP	CON				500	2,000				2,500
Local/Regional	CON				6,588					6,588
<b>Total:</b>		0	4,204	2,668	12,238	11,190	0	0	0	\$ 30,300
<b>Uncommitted</b>										
										0
<b>Total:</b>		0	0	0	0	0	0	0	0	\$ -
<b>Total Project Committed and Uncommitted</b>										
		<b>Prior</b>	<b>2016-17</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>Future</b>	<b>Total</b>
<b>Total:</b>		0	4,204	2,668	12,238	11,190	0	0	0	\$ 30,300

## REGIONAL MEASURE 2 PROGRAM Project Cash Flow Plan

Project Title: Bay Bridge Forward  
Sponsor: Metropolitan Transportation Commission  
RM2 Project Number: 29.7

RM2 Project No. 29.7	PRIOR	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	TOTAL
<b>RM2 Funds Total</b>		<b>3,992,000</b>	<b>2,668,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,660,000</b>
<b>Environmental, PE</b>	<b>0</b>	<b>4,004,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,004,000</b>
RM2		3,792,000					3,792,000
Local/Regional Funds		212,000					212,000
<b>Final Design (PS&amp;E)</b>	<b>0</b>	<b>200,000</b>	<b>168,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>368,000</b>
RM2		200,000	168,000				368,000
							0
							0
<b>Right of Way</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
							0
							0
							0
<b>Construction</b>	<b>0</b>	<b>0</b>	<b>2,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,500,000</b>
RM2			2,500,000				2,500,000
							0
							0
<b>TOTAL FUNDING</b>							
Environmental	0	4,004,000	0	0	0	0	<b>4,004,000</b>
Final Design (PS&E)	0	200,000	168,000	0	0	0	<b>368,000</b>
Right of Way	0	0	0	0	0	0	<b>0</b>
Construction	0	0	2,500,000	0	0	0	<b>2,500,000</b>
<b>PROJECT TOTAL</b>	<b>0</b>	<b>4,204,000</b>	<b>2,668,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,872,000</b>