

**Metropolitan Transportation Commission
Programming and Allocations Committee**

December 9, 2020

Agenda Item 3c - 20-1609

MTC Resolution No. 4095, Revised

Subject: Rescission of \$4.8 million in Regional Measure 2 (RM2) funds from the environmental phase of the I-80 Express Lanes network: I-80 in Alameda and Contra Costa Counties project and allocation of \$4.8 million in RM2 funds for the environmental and preliminary engineering phases of various Bay Bridge Forward 2020 projects.

Background: In 2013, the Commission allocated \$4.8 million in RM2 funds for the environmental phase of the Regional Express Lane Network: I-80 in Alameda and Contra Costa Counties (RM2 project 38.1). Since then, the project has not advanced due to the need for additional planning and analysis, and could proceed later using future revenues. In May 2020, the BATA Oversight Committee heard a presentation on the funding plan for Bay Bridge Forward 2020, which would include the \$4.8 million from RM2 project 38, and provides a means to conduct analysis of a potential express lane in conjunction with other operational improvements. This month, under item 3b, the Programming and Allocations Committee will consider formalizing this plan by adding scope to Project 38, Regional Express Lane Network, to explicitly include operational improvements on the Bay Bridge corridor. This action was noticed at a public hearing in November.

The Bay Bridge Forward 2020 suite of projects includes elements such as design feasibility and environmental studies, express lanes, interchange improvements, dedicated HOV/bus lanes, queue jump lanes, pricing, and other operational and demand management strategies to increase person throughput on the Bay Bridge Corridor. This month, MTC requests de-allocating the full \$4.8 million in RM2 funds from the I-80 Express Lanes project (RM2 project 38.1) and re-allocating it to the environmental and preliminary engineering phases of the Bay Bridge Forward suite of projects (RM2 project 38.2). Specifically, MTC requests the funding be used to advance the environmental documents and preliminary engineering phase for the following subprojects:

- I-580 Westbound Bus/High-Occupancy Vehicle (HOV) Lane Extension
- I-80 Westbound Bus/HOV Lane Extension
- I-80 Powell Interchange Transit Access Improvements
- Bridge Approach Bus/HOV Lane Hours of Operations
- I-80 HOV Lane Access Modifications/Restrictions
- Dynamic Bridge Operations, including transit routing and advance traveler information
- Commuter Parking along I-580/I-80

Staff expects the Bay Bridge Forward 2020 suite of projects to cost about \$65 million, with final design and construction funds yet to be identified. Potential funding sources to fully fund Bay Bridge Forward 2020 include future toll and federal revenues. Assuming funding is identified, staff expects to start construction on elements of the Bay Bridge Forward 2020 suite of projects as early as 2022.

Issues:


A full funding plan for later phases of the Bay Bridge Forward 2020 suite of projects has not yet been identified. The environmental and preliminary engineering phases is expected to take at least 10 months, during which time staff will examine possible funding sources to fully fund final design and construction.

Recommendation:

Refer MTC Resolution No. 4095, Revised, to the Commission for approval. This recommendation is contingent upon Commission approval of MTC Resolution No. 3801, Revised, which revises this project's description and is on this month's Committee agenda under item 3b.

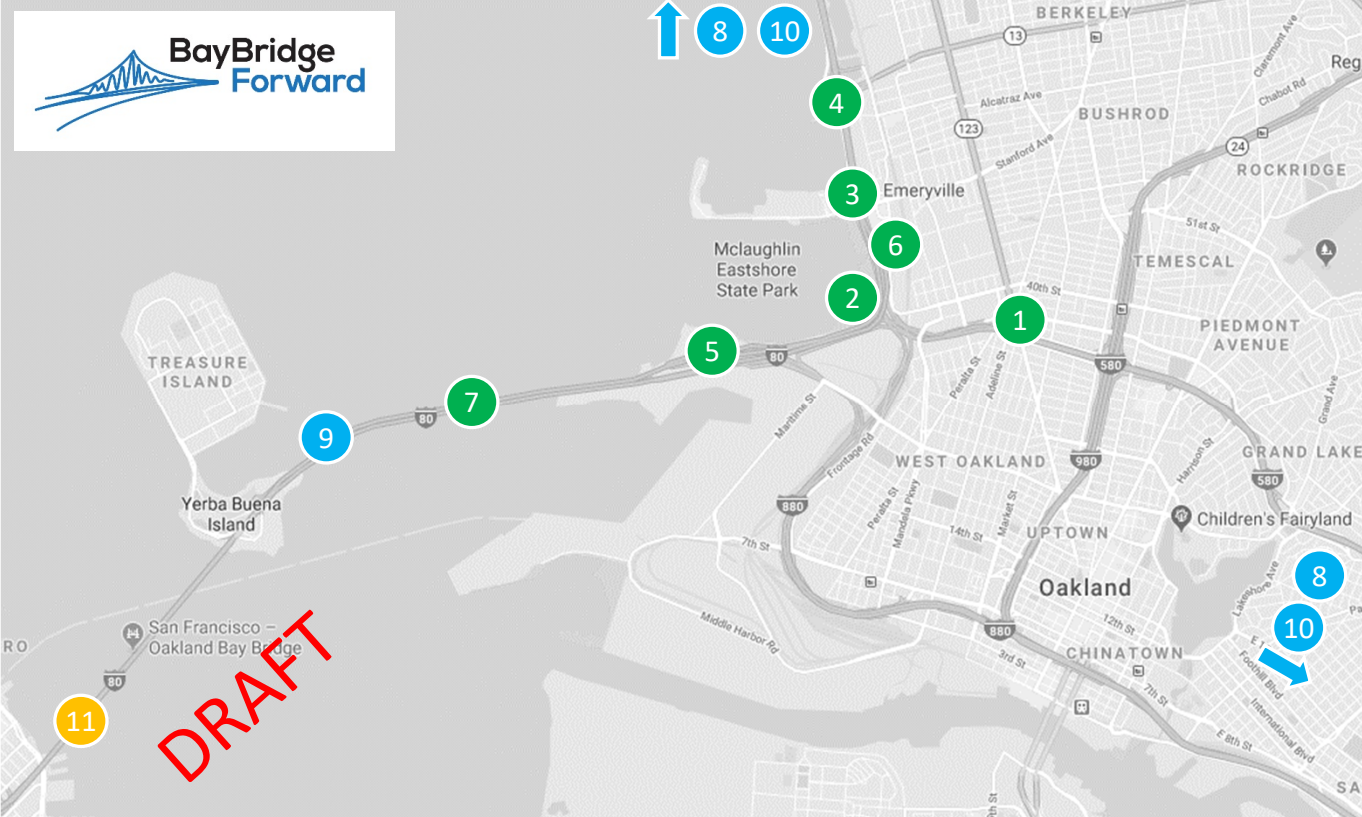
Attachments:

1. Map of Bay Bridge Forward 2020 Projects
4. MTC Resolution No. 4095, Revised



Therese W. McMillan

Bay Bridge Forward (2020) Near-Term Investment to Reduce Delay, Move More People and Buses



Operational Improvements	Cost (2019\$, M)
1 ALA 580 WB Bus/HOV Lane Extension	40
2 ALA I-80 WB Bus/HOV Lane Extension	
3 I-80 Powell Interchange Transit Access Impro. ALA/CC I-80 Design Alternative	
4 Assessment/Operational Improvements Bridge Approach Bus/HOV Lane Hours of Operations	
5	
6 I-80 HOV Lane Access Mod/Restrictions Dynamic Bridge Operations: Dynamic transit routing, advanced traveler's information on alternate modes, and others	
7	
Express Bus Service/Transit Core	
8 Pilot Transbay Express Bus Routes (AC Transit, WestCAT)	19
9 SFOBB Bike Shuttle	
10 Commuter Parking on I-580/I-80	
Shared Mobility	
11 MTC SHIFT Employer Focused	6
Total	65



Date: June 26, 2013
W.I.: 1255
Referred by: PAC
Revised: 12/16/20-C

ABSTRACT

MTC Resolution No. 4095, Revised

This resolution approves the allocation of Regional Measure 2 funds for the Regional Express Lane Network project, sponsored by the Metropolitan Transportation Commission (MTC) and to be delegated to the Bay Area Infrastructure Financing Authority (BAIFA).

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 project sponsor's Initial Project Report (IPR) for this project

Attachment D - RM2 Deliverable/Useable Segment Cash Flow Plan

This resolution allocates \$4.8 million in RM2 funds to the environmental phase of the Regional Express Lane Network (I-80 in Alameda and Contra Costa Counties) project.

On December 16, 2020, this resolution was revised to rescind \$4.8 million in RM2 funds from the environmental phase of the Regional Express Lane Network (I-80 in Alameda and Contra Costa Counties) project (RM2 project 38.1), and allocate \$4.8 million in RM2 funds to the environmental and preliminary engineering phases of the Bay Bridge Forward 2020 suite of projects (RM2 project 38.2).

Additional discussion of this allocation is contained in the summary sheet to the MTC Programming and Allocations Committee dated June 12, 2013 and December 9, 2020.

Date: June 26, 2013
W.I.: 1255
Referred by: PAC

Re: Approval of Allocation of Regional Measure 2 funds for the Regional Express Lane Network project

METROPOLITAN TRANSPORTATION COMMISSION
RESOLUTION No. 4095

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, which specifies the allocation criteria and project compliance requirements for RM 2 funding (MTC Resolution No. 3636); and

WHEREAS, the Bay Area Infrastructure Financing Authority, the expected delegate of MTC (“project sponsor”) has submitted a request for the allocation of RM 2 funds for the Regional Express Lane Network project; and

WHEREAS, the Regional Express Lane Network project, is identified as capital project number 38 under RM 2 and is eligible to receive RM 2 funding as identified in Streets and Highways Code Sections 30914(c); 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 for each project allocation request; 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 project sponsor’s 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

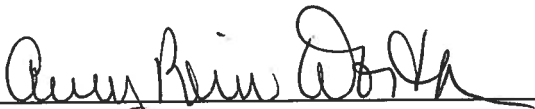
RESOLVED, that the allocation and reimbursement of RM2 funds are further conditioned upon the project specific conditions as set forth in Attachment B; and, be it further

RESOLVED, that the allocation and reimbursement of RM2 funds as set forth in Attachment A are conditioned upon the availability and expenditure of the 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



Amy ReinWorth, Chair

The above resolution was entered into by the Metropolitan Transportation Commission at the regular meeting of the Commission held in Oakland, California, on June 26, 2013.

REGIONAL MEASURE 2 PROGRAM Allocation of Funds

Project Title: Regional Express Lane Network: I-80 in Alameda and Contra Costa Co.
Sponsor: Bay Area Infrastructure Financing Authority (BAIFA)
Project Number: 38.1

Allocation No. 1					
Activities to be funded with Allocation #1:					
This allocation will fund the environmental phase (including but not limited to operational, engineering, and environmental studies) associated with converting the existing eastbound and westbound HOV lanes on I-80 from the San Francisco-Oakland Bay Bridge HOV by-pass lane in Alameda County to the Carquinez Bridge toll plaza in Contra Costa County to Express Lanes.					
Funding Information:					
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date
13409501	26-Jun-13	\$ 4,825,455.43	ENV	FY 2012-13	\$ 4,825,455.43

Allocation No. 2					
Activities to be funded with Allocation #2:					
This allocation was rescinded and transferred to Project 38.2.					
Funding Information:					
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date
13409501	16-Dec-20	\$ (4,825,455.43)	ENV	FY 2012-13	\$ -

**REGIONAL MEASURE 2 PROGRAM
Project Specific Conditions**

Project Title: Regional Express Lane Network: I-80 in Alameda and Contra Costa Co.
Sponsor: Bay Area Infrastructure Financing Authority (BAIFA)
Project Number: 38.1

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

1. None.



Regional Measure 2 Regional Traffic Relief Plan

RM2 Project Number: 38.1

Regional Express Lane Network: I-80 in Alameda and Contra Costa Co.

Lead Sponsor Bay Area Infrastructure Financing Authority (BAIFA)	Other Sponsors(s) None	Implementing Agency (if applicable) TBD
Legislated Project Description The Regional Express Lane Network will convert existing High-Occupancy Vehicle (HOV) lanes to express lanes and build new express lanes to fill gaps in the system, moving the Bay Area toward a seamless express lane network.		
RM2 Legislated Funding (in \$1,000) Total Overall Funding: \$-0-		Total Estimated Project Cost (in \$1,000) Total Overall Cost: \$70,000
Project Purpose and Description Project goals include increasing connectivity by closing gaps and completing the region's High-Occupancy Vehicle (HOV) system, improving efficiency by optimizing use of freeway capacity, and improving reliability by offering a congestion-free travel option. These benefits will accrue to carpoolers and express bus operators, both of which are heavy users of the existing HOV system, as well as to single occupant drivers. The I-80 Express Lane Project in Alameda and Contra Costa counties will convert 34 miles of existing eastbound and westbound HOV lanes to express lanes, moving the Bay Area toward MTC's vision of a seamless express lane network.		
Funding Description Committed Funds: The project segment is funded with Regional Measure 2 funds and BATA Rehab funds. Uncommitted Funds: The project has BATA rehab funds that are identified but not allocated. Operating Capacity: BAIFA will operate the express lane network; Caltrans owns the state highway system.		

Overall Project Cost and Schedule

Phase	Scope	Start	End	Cost (in \$1,000)
1	Final Environmental Document	09/2013	09/2015	\$1,175
2	Plans, Specifications and Estimates	03/2015	12/2016	\$16,825
3	Right-of-Way	09/2015	06/2016	\$2,000
4	Construction	12/2016	10/2017	\$50,000
Total:				\$70,000

Total Project Funding Plan: Committed and Uncommitted Sources

(Amounts Escalated in Thousands)

Project Title	Reg. Exp. Lane Network: I-80 in Alameda & Contra Costa Co.					Project No. 38.1				
Lead Sponsor	Bay Area Infrastructure Financing Authority (BAIFA)									

Fund Source	Phase	Prior	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Future	Total
Committed										
RM2	ENV/PE			4,825					-4,825	0
BATA Rehab	ENV/PE			1,175						1,175
										0
										0
										0
										0
										0
										0
										0
										0
										0
										0
										0
Total:		0	0	6,000	0	0	0	0	-4,825	1,175
Uncommitted										
BATA Rehab	PS&E					12,000			4,825	16,825
BATA Rehab	ROW						2,000			2,000
BATA Rehab	CON							50,000		50,000
Total:		0	0	0	0	12,000	2,000	50,000	4,825	68,825
Total Project Committed and Uncommitted										
		Prior	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Future	Total
Total:		0	0	6,000	0	12,000	2,000	50,000	0	70,000

REGIONAL MEASURE 2 PROGRAM Project Cash Flow Plan

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Project Title: Regional Express Lane Network: I-80 in Alameda and Contra Costa Co.
Sponsor: Bay Area Infrastructure Financing Authority (BAIFA)
RM2 Project Number: 38.1

	PRIOR	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16+	TOTAL
RM2 Funds Total		-	4,825,000	-	-	(4,825,000)	-
Environmental (ENV)	0	0	6,000,000	0	0	-4,825,000	1,175,000
RM2			4,825,000			-4,825,000	0
BATA Rehab			1,175,000				1,175,000
							0
							0
Final Design (PS&E)	0	0	0	0	0	0	0
							0
							0
							0
							0
Right of Way	0	0	0	0	0	0	0
							0
							0
							0
							0
Construction	0	0	0	0	0	0	0
							0
							0
							0
							0
TOTAL FUNDING							
Environmental	0	0	6,000,000	0	0	-4,825,000	1,175,000
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	6,000,000	0	0	-4,825,000	1,175,000

REGIONAL MEASURE 2 PROGRAM Allocation of Funds

Project Title: Bay Bridge Forward 2020
 Sponsor: MTC
 Project Number: 38.2

Allocation No. 1					
Activities to be funded with Allocation #1:					
This allocation will fund the planning, environmental, and preliminary engineering phase for the Bay Bridge Forward 2020 suite of projects, including but not limited to dynamic bridge operations; and bus/HOV lane extensions, commuter parking, transit access improvements, and HOV lane hours/access modifications and restrictions along I-580 and I-80.					
Funding Information:					
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date
21409502	16-Dec-20	\$ 4,825,455.43	ENV	FY 2020-21	\$ 4,825,455.43

**REGIONAL MEASURE 2 PROGRAM
Project Specific Conditions**

Project Title: Bay Bridge Forward 2020
Sponsor: MTC
Project Number: 38.2

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

1. None.



Regional Measure 2 Regional Traffic Relief Plan

RM2 Project Number: 38.2
Bay Bridge Forward 2020

Lead Sponsor	Other Sponsors(s)	Implementing Agency (if applicable)
Metropolitan Transportation Commission	None	
Legislated Project Description		
<p>(38) Regional Express Lane Network. Provide funds to plan, conduct environmental review, design and construct express/toll lanes and/or operational improvements on the Bay Bridge corridor. Priority will be given to conversion of the High-Occupancy Vehicle (HOV) lanes on Interstate 80 in Alameda and Contra Costa Counties to express lanes and/or to improvements identified in the Bay Bridge Forward suite of projects, including but not limited to design feasibility and environmental studies, express lanes, interchange improvements, dedicated HOV/bus lanes, queue jump lanes, pricing, and other operational and demand management strategies to increase person throughput on the Bay Bridge Corridor. Four million, eight hundred twenty five thousand, four hundred fifty five dollars and forty three cents (\$4,825,455.43). The project sponsor is MTC (subject to delegation to the Bay Area Infrastructure Financing Authority (BAIFA), pending formal action). (New project added: hearing date April 10, 2013) (Project description modification hearing date November 4, 2020)</p>		
RM2 Legislated Funding (in \$1,000)		Total Estimated Project Cost (in \$1,000)
Total Overall Funding: \$4,825		Total Overall Cost: \$65,025
Project Purpose and Description		
<p>The Bay Bridge Forward 2020 aims to implement 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.</p>		
Funding Description		
<p>Committed Funds: The project segment is funded with Regional Measure 2, federal, and other local funds. Uncommitted Funds: The project has future toll funds and other funds that are not yet identified. Operating Capacity: Caltrans will own and operate improvements on the state highway system.</p>		

Overall Project Cost and Schedule

Phase	Scope	Start	End	Cost (in \$1,000)
1	Final Environmental Document	11/2016	08/2021	\$13,915
2	Plans, Specifications and Estimates	09/2021	02/2022	\$5,900
3	Right-of-Way			\$0
4	Construction	03/2022	12/2022	\$45,210
Total:				\$65,025

Total Project Funding Plan: Committed and Uncommitted Sources

(Amounts Escalated in Thousands)

Project Title	Bay Bridge Forward 2020					Project No. 38.2				
Lead Sponsor	Metropolitan Transportation Commission									

Fund Source	Phase	Prior	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Future	Total
Committed										
RM2	ENV/PE		4,825							4,825
Federal (STBG)	ENV/PE		3,625							3,625
Other Local	ENV/PE		1,850							1,850
Other Local	PS&E			1,150						1,150
Other Local	CON				4,000					4,000
										0
										0
										0
										0
										0
										0
										0
Total:		0	10,300	1,150	4,000	0	0	0	0	15,450
Uncommitted										
Future Tolls	ENV/PE		3,615							3,615
Future Tolls	PS&E			4,750						4,750
Future Tolls	CON				21,210					21,210
Future Unidentified	CON				20,000					20,000
Total:		0	3615	4750	41,210	0	0	0	0	49,575
Total Project Committed and Uncommitted										
		Prior	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Future	Total
Total:		0	13,915	5,900	45,210	0	0	0	0	65,025

REGIONAL MEASURE 2 PROGRAM

Project Cash Flow Plan

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Project Title: Bay Bridge Forward 2020
Sponsor: MTC
RM2 Project Number: 38.2

	PRIOR	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25+	TOTAL
RM2 Funds Total		4,825,455	-	-	-	-	4,825,455
Environmental (ENV)	0	13,915,455	0	0	0	0	13,915,455
RM2		4,825,455					4,825,455
Federal (STBG)		3,625,000					3,625,000
Other Local		1,850,000					1,850,000
Future Tolls (Uncommitted)		3,615,000					3,615,000
Final Design (PS&E)	0	0	0	0	0	0	0
							0
							0
							0
							0
Right of Way	0	0	0	0	0	0	0
							0
							0
							0
							0
Construction	0	0	0	0	0	0	0
							0
							0
							0
							0
TOTAL FUNDING							
Environmental	0	13,915,455	0	0	0	0	13,915,455
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	13,915,455	0	0	0	0	13,915,455