

**Metropolitan Transportation Commission
Programming and Allocations Committee**

April 9, 2008

Item Number 6a

Regional Measure 2: Capital Program Monitoring Update

Subject: Regional Measure 2 Capital Program Update

Background: Staff's scheduled semi-annual presentation to the Committee on the progress of the capital projects in the Regional Measure 2 program is attached. The capital program is the focus of this month's report. The operating program is reported on an annual basis and the next operating program update for FY 2007-08 activities is scheduled for September 2008.

Regional Measure 2 was passed in March of 2004 and the Commission began allocating funds in July 2004. Since then, MTC has approved \$563 million in capital allocations. In the past we have reported slow reimbursements on projects. However in the last year sponsors have shown better progress in expending the funds.

Issues: General program accomplishments over the last six months include:

- Several small projects have been completed.
- Significant construction and engineering progress on some major projects.
- Several notable project milestones:
 - In approving SB 976 in September 2007, the State legislature created the San Francisco Bay Area Emergency Transportation Authority (WETA), to replace the Water Transit Authority (WTA) and to take over the ferry services operated by the cities of Alameda and Vallejo.
 - Transbay Terminal Transit / Downtown Caltrain Extension: A developer and an architect/engineer team were selected in September 2007 for the development of the transit center and the tower complex.
 - Caldecott Tunnel Fourth Bore: Completion of Environmental Documents in October 2007.
 - eBART: MTC and CCTA adopted board actions to commit funding for project.

General assessment of the program includes:

- MTC has allocated more than one-third of the RM 2 funds and many projects are progressing but some large challenges remain. A small set of large projects continue to drive the progress of the RM 2 program.
- Reimbursements are accelerating, but are still slow.
- More small projects are completed or near completion.
- Mega-projects (>\$250 million) are facing significant challenges.
- Staff is still developing a strategic plan to develop a framework for successful delivery of the large transit projects.

Recommendation: Information.

Attachments: Presentation Slides

METROPOLITAN TRANSPORTATION COMMISSION
Regional Measure 2 Project Status Summary (ending December 2007)¹

No.	Project Name	Sponsors/ Implementation Agency	Current Project Phase	Current Total Project Cost	RM2 Funding	RM2 Allocation thru' 12/07	Cost Status	Schedule Status	Remarks
Legend: Significant schedule delay, cost increase or funding shortfall, scope deviation Schedule delays, cost increase or funding shortfall, scope deviation warranting concern Proceeding according with planned budget and schedule Project completed									
1	BART/Muni Connection at Embarcadero and Civic Center Stations	BART	Construction	\$3,000,000	\$3,000,000	None	N/A	N/A	
2	SF MUNI Metro 3rd Street LRT Extension Metro East Maintenance Facility	SF Muni	Construction	\$214,612,000	\$30,000,000	\$30,000,000			Construction ongoing. Maintenance project to be fully funded through additional Fed and local funds. Project will be host site of the International Rail Rodeo in 2008.
3	SF MUNI Historic Streetcars Rehabilitation	SF Muni	Construction/Design	\$20,257,000	\$10,000,000	\$10,000,000			Base work complete on 11 streetcars; currently being outfitted for revenue service. Proposals being evaluated for 4 double-ended streetcars; contract award behind schedule.
4	Dumbarton Commuter Rail	SMCTA, ACTIA, ACCMA, VTA	Environmental	\$605,563,000	\$135,000,000	\$9,157,000			Construction under funded. Scope creep continues to increase costs and schedule delay might result in project missing RM2's 3-year environmental clearance deadline.
5	Vallejo Station	Vallejo Transportation Program, STA	Design	\$66,724,000	\$28,000,000	\$2,783,000			Project started. Construction of phase 2 of parking garage not fully funded.
6	Solano County Express Bus Intermodal Facilities	Solano Transportation Authority	Environmental	\$72,022,000	\$20,000,000	\$2,120,000			3 of 4 projects have been allocated environmental funding. In general environmental process is behind schedule and construction costs are not fully funded. Schedule delays continue and cost is expected to increase.
7	I-80 / I-680 SR 12	Solano Transportation Authority	Environmental	\$402,599,000	\$100,000,000	\$27,000,000			SR 12 Connector - Environmental document revised; approval timeline uncertain. I-80 HOV lane - Environmental process on schedule and advanced bridge construction proceeding.
8	I-80 EB HOV Lane Extension from Route 4 to Carquinez Bridge	Caltrans	Design	\$50,000,000	\$50,000,000	\$5,260,000			Project incurs additional delay due to need to coordinate with 80/4 Interchange project.
9	Richmond Parkway Park & Ride	AC Transit	Design	\$28,780,000	\$16,000,000	\$700,000			Environmental approval process is behind schedule and has missed the RM2 3-year deadline.
10	SMART Extension to Larkspur or San Quentin	SMART, TAM	Design	\$25,116,000	\$35,000,000	\$2,000,000			Design may be revised to minimize ROW impacts. Schedule may be impacted by change.
11	U.S. 101 Greenbrae I/C Corridor and Bike/ Ped Improvements	Transp. Auth. Of Marin	Environmental/Design	\$86,209,000	\$65,000,000	\$7,558,000			Environmental document delayed and will miss the RM2 3-year deadline on Greenbrae Interchange. Sir Francis Drake Improvements complete and operational. Design being finalized for Cal Park Hill bikeway.
12	Direct HOV Lane Connector from I-680 to Pleasant Hill BART	CCTA	Study	\$1,000,000	\$15,000,000	\$1,000,000			Consultant started work in November 2007. Very limited progress since allocation was made.
13	E-BART	BART	Environmental/Design	\$505,758,000	\$96,000,000	\$21,250,000			Funding Agreement reached but cost estimate still appears low, scheule ambitious but more realistic. Project missed RM2's 3-yr deadline. Scope revised to accommodate eBART in State Route 4 median.
14	Capital Corridor Station and Track Improvements in Solano County	CCJPA	Environmental/Construction	\$37,259,000	\$25,000,000	\$3,365,000			Vacaville Station - PA/ED phase behind schedule. Potential cost increase due to widened bridge. UPRR authorized to begin project work on Bahia Benecia Crossover.
15	Central Contra Costa BART Crossover	BART	Design	\$25,000,000	\$25,000,000	\$25,000,000			Project has experienced additional delay. Construction contract will be bid in early 08.
16	Benicia-Martinez Bridge: New Span (Fund Augmentation)	BATA	Completed	\$1,351,200,000	\$50,000,000	\$50,000,000			Bridge opened in September 2007.
17	Express Bus North	MTC	Environmental		\$20,000,000	None	N/A	N/A	
18	TransLink®	TransLink® Consortium	Various	\$23,557,000	\$22,000,000	\$13,257,000			TransLink® contractor delay claim resolved. Schedule continues to be extended.
19	Real Time Transit	Various	Various	\$28,653,000	\$20,000,000	\$15,560,000			Project progressing on revised schedule.
20	Safe Routes to Transit	Various	Various	\$8,506,625	\$22,500,000	\$6,207,080			City CarShare working on upgrading technology and service. Sponsor administering the SR2T Program and selected next round of projects.
21	BART Tube Seismic Retrofit	BART	Design	\$329,300,000	\$81,000,000	\$33,801,000			Design almost completed. Tube may require less retrofitting than previously anticipated.
22	Transbay Terminal/Downtown Caltrain Extension	Transbay JPA	Design/ROW	\$3,358,404,000	\$150,000,000	\$53,279,000			Temporary terminal design work is ongoing. Developer/architect were selected.
23	Oakland Airport Connector	BART	Design/ROW	\$468,840,000	\$68,000,000	\$68,000,000			Bidders had concerns over contract terms and RFP due date extended.
24	AC Transit Enhanced Bus	AC Transit	Construction	\$32,548,000	\$65,000,000	\$21,057,000			All 15 buses placed into revenue service. Project substantially completed.
25	Commute Ferry Service for Alameda/Oakland/Harbor Bay	WETA	Environmental		\$12,000,000	None	N/A	N/A	
26	Commute Ferry Service for Berkeley/Albany	WETA	Environmental		\$12,000,000	None	N/A	N/A	
27	Commute Ferry Service for South San Francisco	WETA	Design	\$19,550,000	\$12,000,000	\$12,025,000			Reduced contribution from San Mateo County TA will impact schedule and funding.
28	Water Transit Facility Improvements	WETA	Environmental/Construction	\$22,000,000	\$48,000,000	\$24,525,000			The lack of a governing board prevented it from approving environmental documents, which are delayed. Vessel vendor was in bankruptcy but was bought. Building of vessels continues.
29	Express Bus South	ACCMA & AC Transit	Design/ROW	\$36,184,000	\$22,000,000	\$19,038,882			10 AC Transit buses delivered and in service. SR 84 HOV Gap closure project constuction contract awarded and contractor to accelerate schedule to complete project in fall 2008. Construction to start in May 08 for Grand-MacArthur Signalization project. Ardenwood PNR - Scope change introduced cost uncertainty and delayed project.
30	I-880 North Safety Improvements	ACCMA	PE/Environmental	\$31,000,000	\$10,000,000	\$1,800,000			PSR approved. May be phased depending whether Prop 1B Trade Corridor funds are available. Project missed RM2 3-year environmental approval deadline.
31	BART Warm Springs Extension	BART	Environmental/Construction	\$857,986,000	\$95,000,000	\$16,000,000			Main construction contract awarded and construction is ongoing for the Fremont Grade Separation work. BART extension - Significant delay incurred. Plan to advance construction for the Central Park segment.
32	I-580 (Tri Valley) Rapid Transit Corridor Improvements	ACCMA	Environmental	\$320,769,000	\$65,000,000	\$34,050,000			EB I-580 Improvements - Splitting the east bound HOV contract has delayed schedule.
33	San Francisco Bay Area Rail Study	MTC	Study	\$6,500,000	\$6,500,000	\$6,500,000			Forecasting work completed. Final report available in September 2007. Transit connectivity plan adopted in April.
34	Integrated Fare Structure Program	TransLink Consortium/SFMTA	Study	\$1,500,000	\$1,500,000	\$1,000,000			Consultant has started work.
35	Transit Commute Benefits Promotion	MTC	Design	\$5,000,000	\$5,000,000	\$100,000			Early work tasks completed. One promotion strategy being further evaluated.
36	Caldecott Tunnel Improvements - Fourth Bore	CCTA	Environmental	\$420,500,000	\$50,500,000	\$15,500,000			Env Doc approved in Oct 2007 is being legally contested. Construction fully funded. SR 24 Transit Study completed.
37	BART Transit Capital Rehabilitation	BART	Construction	\$210,152,000	\$24,000,000	\$24,000,000	N/A	N/A	
					\$1,515,000,000	\$562,892,962			

Notes: 1. Total allocations through December 2007 are reported on this table.
 2. Total Project Cost are estimated escalated costs.

Regional Measure 2: Capital Program Update

April 9, 2008

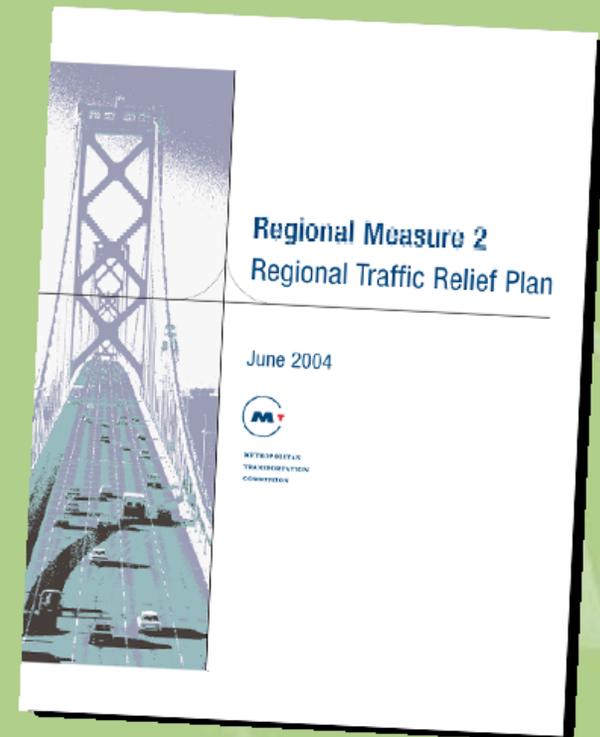
Programming and Allocations



METROPOLITAN TRANSPORTATION COMMISSION

Program Overview

- Passed by Voters in March 2004
- Began Allocating July 2004 - capital and operating program
 - Capital Semi-Annual Reporting
 - Operating Annual Reporting
- 4 years since first allocations



Revenue Update

Revenues	
Actual FY 2004-05	\$ 107 million*
Actual FY 2005-06	\$ 121 million
Actual FY 2006-07	\$ 117 million
1 st Half FY 2007-08	<u>\$ 58 million</u>
Total Revenues	\$ 403 million

FY 2004-05 revenues are lower because:

- 1) Reimbursement to counties for ballot measure administration costs; and
- 2) 4-month discount for FasTrak customers.



Capital Program: Allocation Summary

- 37 Projects in Statute, \$1.5 billion program
- Allocations through December 2007: \$563 million
- Over 1/3 program allocated

Project Phase	No. of Allocations	Amount	
		(\$ millions)	Percentage
PA/ED or Study	57	\$ 150	27%
Design	21	\$ 113	20%
Right-of-way	8	\$ 41	7%
Construction	42	\$ 259	46%
Total	128	\$ 563	100%

Project Progress

Semi-Annual Report Results:

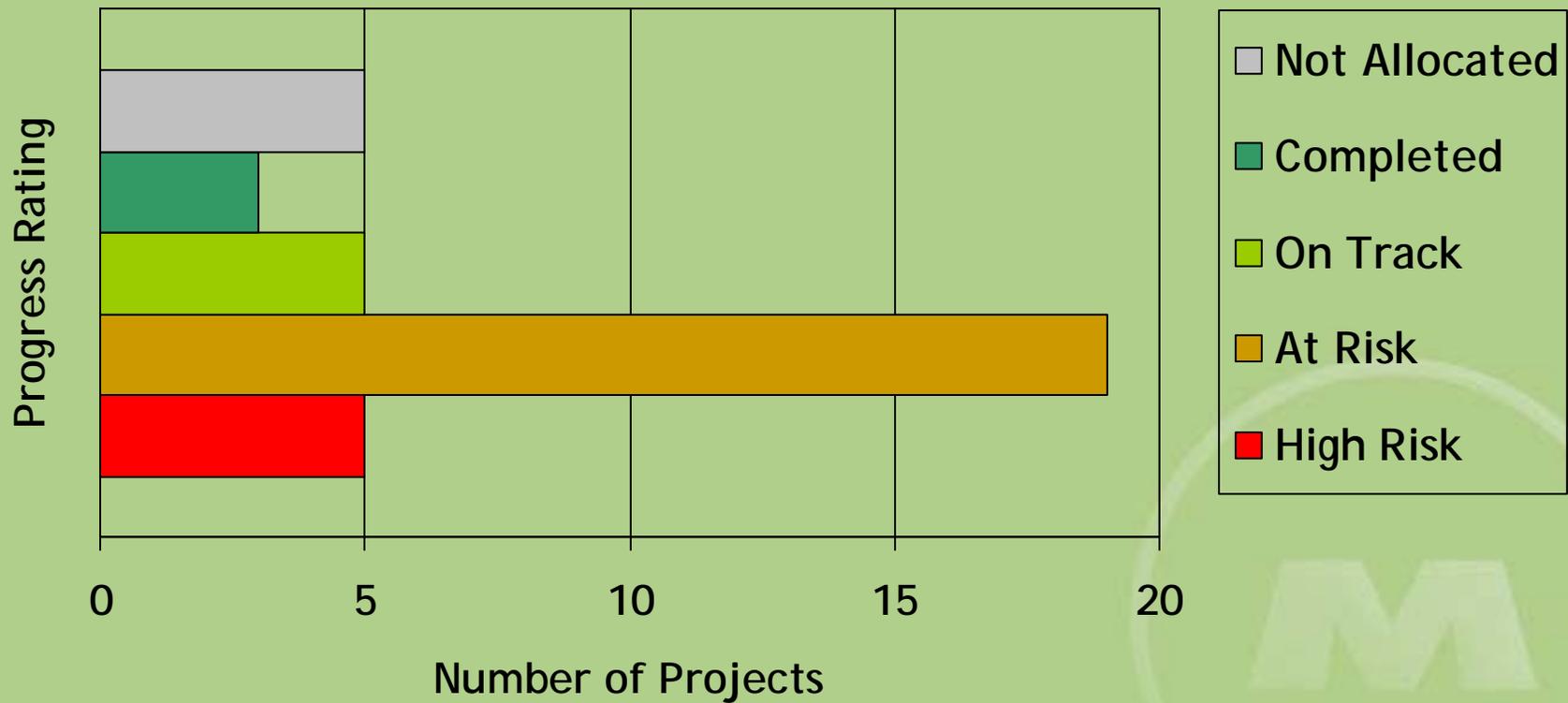
Progress Rating	# of Projects	%
Red	5	14%
Yellow	19	50%
Green	5	14%
Completed	3	8%
Not Allocated	5	14%
Total	37	100%

* Approx 60% of projects are in 'red' or 'yellow' at-risk area

Project Progress

Semi-Annual Report Findings:

Budget/Schedule Status



Project Progress

Projects Completed -

Construction/ Procurement:

- Benicia-Martinez Bridge
- I-580 Rapid Transit Corridor Improvements- I-580 Advance TMP Contract
- I-80/I-680/SR12 Interchange - Green Valley Bridge Widening Advance Contract
- AC Transit Bus Procurement on Telegraph/ International Blvd.
- Express Bus South- Bus Procurement
- Safe Route to Transit- El Cerrito/Albany Ohlone Greenway Safety Project
- U.S. 101 Greenbrae I/C Corridor and Bike/ Ped Improvements - Sir Francis Drake Widening

Studies:

- Caldecott Tunnel Improvements- Fourth Bore Study
- San Francisco Bay Area Rail Study
- Dumbarton Rail Union City Intermodal Station EIR



Other Project Progress

Projects Nearing Completion -

- Real Time Transit- Hastus Scheduling and Signage at Berkeley BART
- SF MUNI Metro East Maintenance Facility

Projects to Begin Construction -

- I-80 HOV lane Solano County
- I-580 Corridor- Construction of a HOV lane
- Express Bus South- Construction of a HOV lane on SR 84 from I-880
- BART Tube Seismic Strengthening- Joint strengthening in San Francisco
- Central Contra Costa BART Crossover
- Real Time Transit- Installation of display units for West CAT
- US 101 Greenbrae I/C Corridor and Bike/Ped Improvements - Cal Park Hill Tunnel

Project Progress

- Unallocated Projects
 - Express Bus North
 - \$20 million available for projects in North Bay
 - Work with Solano sponsors over the next year to advance projects
 - Ferry Projects (2)
 - New SF Bay Area Water Emergency Transportation Authority
 - Governing Board being established
 - Continue to follow progress
 - BART/MUNI Connector
 - Need to meet with Sponsor



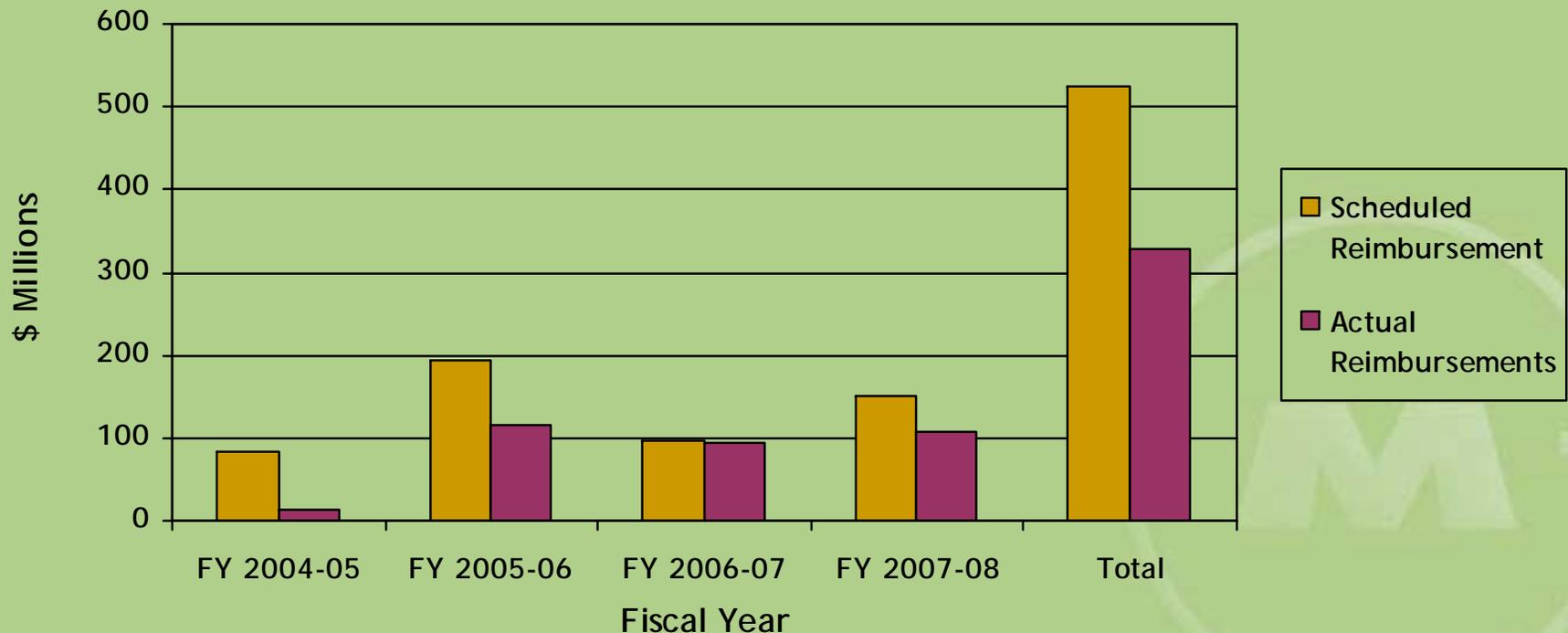
Program Update:

Resolution 3434 Strategic Plan will regionally assess the challenges facing the following RM 2 Projects:

- Oakland Airport Connector
 - BART Extension to Warm Springs in Fremont (WSX)
 - BART Extension to Eastern Contra Costa County (eBART)
 - Rail Extension over Dumbarton Bridge
 - Sonoma Marin Area Rail Transit
 - Water Emergency Transportation Authority - Ferry Expansion
 - Transbay Terminal/Downtown Caltrain Extension
 - AC Transit Enhanced Bus/Intel
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Capital Program Progress: Reimbursements to Sponsors

Reimbursements Through December 2007:
\$329 million (63% of allocated funds)



Top 5 Projects with High Reimbursement

Project	RM 2 Allocations	% of Allocation Reimbursed
Benicia-Martinez Bridge	\$50 million	100%
Transbay Transit Center	\$53 million	89%
Muni Metro 3 rd Street LRT Extension	\$30 million	80%
BART Transbay Tube Seismic Retrofit	\$34 million	63%
I-580 Corridor Imprv. In Alameda Co.	\$33 million	53%

* Based on the total amount allocated and reimbursed as of December 2007.

Top 5 Projects with Slow Reimbursement

- Projects highlighted based on the following:
 - 1) Over \$1 million allocated
 - 2) Less than 10% of allocation reimbursed
 - 3) More than 10 months since allocation was approved

Project	Allocations	% Reimb.	Months Since Alloc.	Comments
Muni Historic Vehicles Rehab (SF MTA)	\$1.1 million	0%	33	Project Scope Change
<i>I-80 HOV Lane in CC Co. (Caltrans)</i>	\$5.3 million	0%	23	Earlier Interagency Agreement Delay - Signed 03/07
Caltrain Real-Time Transit Information Project	\$2.7 million	0%	22	Procurement Process Delay
TransLink®: Ticket Vending Machine Integration	\$2.07 million	1%	29	Payment Milestone forthcoming
I-680 HOV Lane Connector Study (CCTA)	\$1 million	0%	25	Interagency Agreement Delay

Program Outlook: Anticipated Allocations

Transbay Transit Center (TBD)

- Final Design
- A&E for Transit Center and Tower
- Right-of-Way

BART Tube Seismic Project (up to \$48 million)

- Construction

I-580 Eastbound HOV Lanes (\$9 million)

- Construction to cover TCRP shortfall

Ardenwood Park and Ride Lot (\$3 million)



Program Assessment

1. A small number of large projects have been driving the forward progress of the RM 2 program.
2. Reimbursements are accelerating, but still slow.
3. More small projects are in construction or near completion.
4. Mega-projects are facing significant challenges.



Metropolitan Transportation Commission