

Metropolitan Transportation Commission Programming and Allocations Committee

October 14, 2009

Item Number 2e

Regional Measure 2: Capital Program Monitoring Update

Subject: Regional Measure 2 Capital Program Update

Background: Regional Measure 2 was passed in March of 2004 and the Commission began allocating funds in July 2004. Since then, as of June 2009, MTC has approved over \$963 million in capital allocations, almost two-thirds of the \$1.5 billion available.

This presentation focuses on the capital program in the second half of fiscal year 2008-09. The operating program is reported on an annual basis and is being presented to the commission this month as well as item 4b.

As the program completes its fifth year, projects are better defined with many projects being completed or moving into construction. The number of projects 'On Track' has also increased since the last update, and MTC has allocated funds towards a couple of previously unallocated projects which are progressing well. However, there are still a significant number of projects 'At Risk' with a couple of 'High Risk' projects. 'At Risk' is defined as having a budget, scope, or schedule challenge, while 'High Risk' is defined as having several challenges. 'On Track' signifies projects moving forward without any issues. The attached slides provide additional detail on the more critical project issues. MTC will continue to work with sponsors and monitor the progress of these capital projects.

A general assessment of the program includes:

- Bigger projects are now moving towards construction.
- MTC is working with project sponsors to examine cash flow needs as projects move into capital-intensive phases.
- The bid climate has continued to be favorable, resulting in cost savings on some projects; MTC is monitoring projects with substantial bid savings to work out potential revised project funding plans.
- A number of major capital projects are still not fully funded. MTC continues to address transit capital funding shortfalls via the Resolution 3434 Strategic Plan.
- Monitoring efforts are becoming more complex as projects advance.

Issues: None.

Recommendation: Information.

Attachments: RM2 Project Status Summary
Presentation Slides

Regional Measure 2: Capital Program Update

October 14, 2009

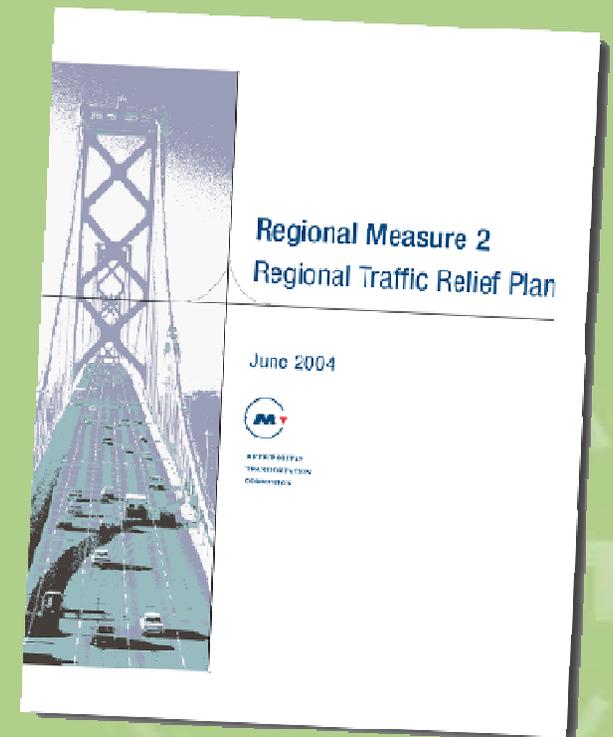
Programming and Allocations



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
- More than 5 years since first allocations



Revenue Update

Actual FY 2004-05	\$107 million*
Actual FY 2005-06	\$121 million
Actual FY 2006-07	\$117 million
Actual FY 2007-08	\$114 million
Actual FY 2008-09	\$113 million
Total Revenues	\$572 million

* FY 2004-05 revenues are lower because of reimbursement to counties for administration costs & 4-month discount for FasTrak customers.

Capital Program: Allocation Summary

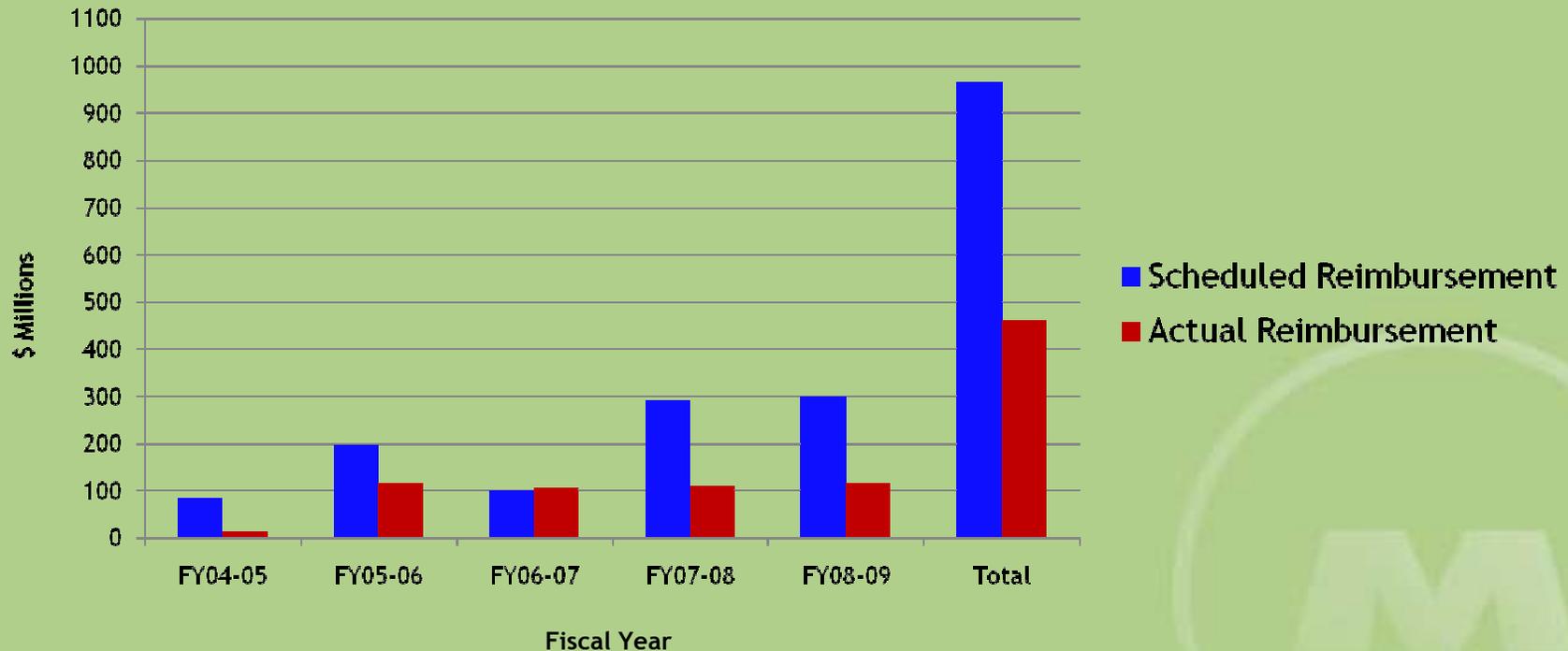
- 37 Projects in Statute, \$1.5 billion program
- Allocations through June 2009: \$963 million
- Almost two-thirds of program allocated

Project Phase	No. of Allocations	Amount	
		(\$ millions)	Percentage
PA/ED or Study	65	\$190	20%
Design	28	\$135	14%
Right-of-way	15	\$111	11%
Construction	62	\$527	55%
Total	170	\$963	100%

Capital Program Progress: Reimbursements to Sponsors

Reimbursements Through June 2009:

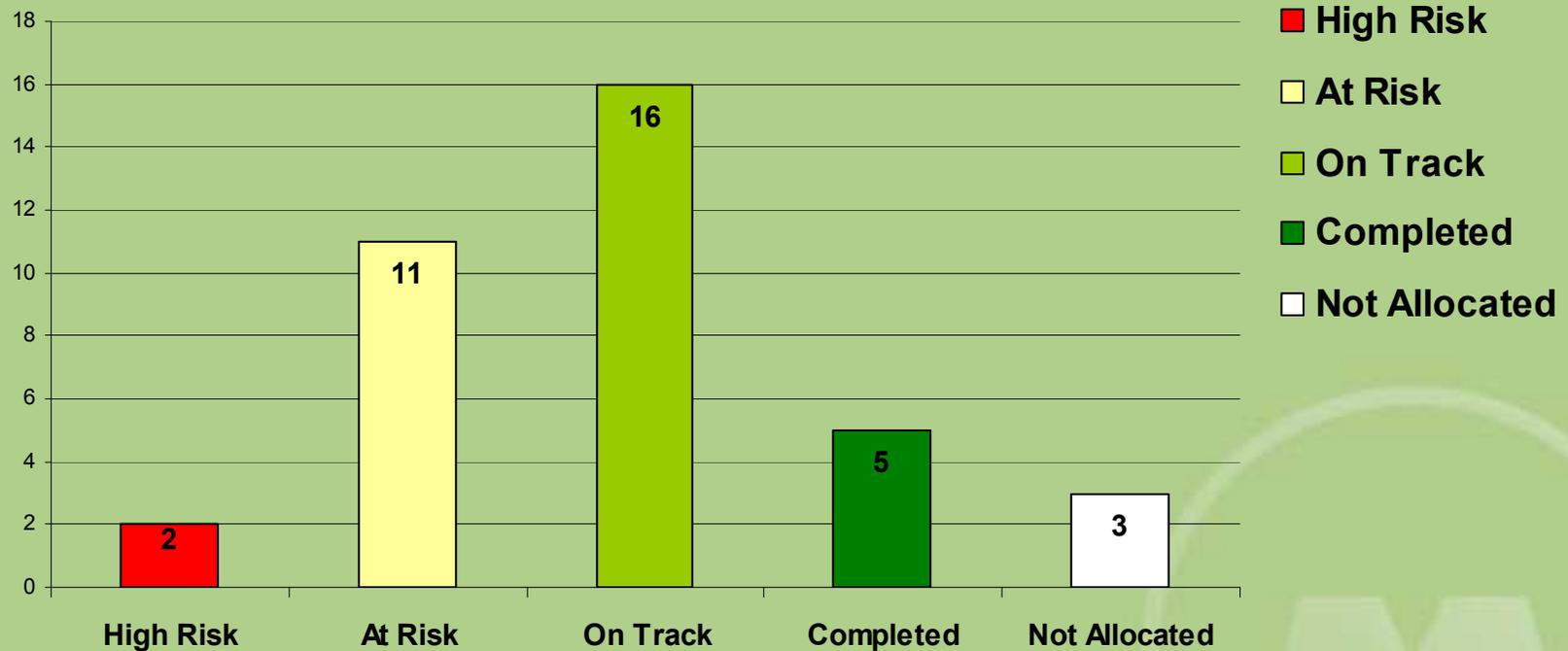
\$458 million (approx 50% of allocated funds)



Project Progress

Semi-Annual Report Findings:

Budget/Schedule Status*



* Does not include subproject details

Impacts of Economic Downturn

- Uncertainty in State Funding
- Drop in Sales Tax (Measure Counties)
- Lower Bridge Tolls
- Stimulus/ARRA Funding
- Lower Bid Prices



Projects: Completed

- AC Transit Real Time Transit Hastus Software Upgrade
- Express Bus South - Grand MacArthur Corridor
- I-80 HOV Lane Improvements in Solano county (ARRA funding in corridor)
- Water Transit Spare Vessel - Pisces



Projects: On Track



Nearing Construction Completion -

- ✿ Ardenwood Park and Ride Lot
- ✿ Cal Park Hill Tunnel - First Phase



Ardenwood Park & Ride Lot



Projects: On Track



Under Construction -

Transit -

- ❁ BART Tube Seismic Strengthening
- ❁ BART Extension to Warm Springs (Tunnel Segment)
- ❁ Transbay Terminal - Construction of temporary terminal
- ❁ Water Transit South San Francisco Ferry Vessels
- ❁ Real Time Transit - Installation of real-time display units for MUNI, AC Transit & WestCAT



Highway -

- ❁ I-580 Eastbound HOV Phase 1 (ARRA funding in corridor)
- ❁ Solano 80/680/12 Interchange - North Connector (ARRA funding in corridor)



Projects: On Track



Nearing Construction -

- ✿ eBART Median Widening
- ✿ WETA South San Francisco Ferry Terminal Dredging
- ✿ I-580 EB HOV Phase 2 (ARRA funding in corridor)
- ✿ Caldecott Tunnel Improvements - Fourth Bore (ARRA funded)



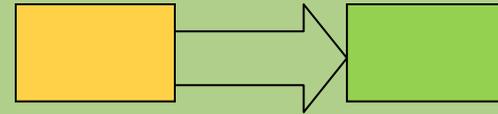
Project Progress



WETA: Commute Ferry Service for South San Francisco:

- ✿ Transition Plan Completed
- ✿ Project funding fully identified
- ✿ Design and permitting complete
- ✿ Lease between WETA & San Mateo Harbor District being finalized
- ✿ Dredging contract awarded in September; ferry terminal construction soon after
- ✿ Construction of 2 Vessels ongoing

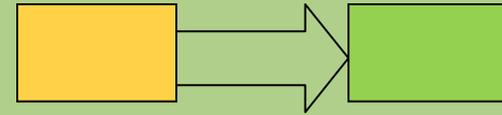
Project Progress



Oakland Airport Connector:

- Funding plan in place
- BART proceeding with Design-Build-Operate-Maintain (DBOM) procurement
- Four bids received in September
- Contract expected to be awarded in December

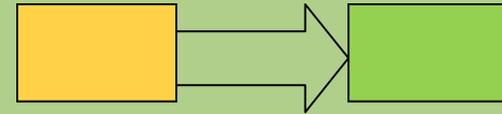
Project Progress



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

- Project development costs exceeded original estimate
- Caltrans proactively controlled costs after identification
- Project is on track for construction in late 2009

Project Progress



Caldecott Tunnel Improvements - Fourth Bore

- Project faced lawsuits that threatened to derail project
 - Lawsuits were settled in early 2009
- Project funding was threatened by State Budget Crisis
 - MTC and Caltrans used Recovery Funds to keep project on track
- Caltrans opened bids in late September
 - Lowest bid 20% below engineer's estimate
- Project is on track for construction in late 2009

Projects: At Risk



Sonoma Marin Rapid Transit (SMART):

- No current RM2 allocation for the rail segment
- Cost estimate being updated with increase anticipated
- Sales tax revenue below previous projection
- Fundable project plan needed
- Rolling stock specifications adopted



Projects: At Risk



Transbay Terminal:

- Temporary Terminal to start operations in Spring 2010
- Soft real estate market may impact funding
- Cost anticipated to increase
- Train box construction in Phase 1 (“Bottom Up” approach) - Applying for ARRA - High Speed Rail funds
- Decisions in next month critical to project
 - TIFIA loan approval (credit committee recommended)
 - ARRA funds approval

Projects: High Risk



Dumbarton Commuter Rail Service:

- New project cost estimate released: \$701 million (was \$595 million)
- Project underfunded by approximately \$400 million
- Stakeholders looking at a variety of project options, and may include an interim bus enhancement
- Revised environmental review process strategy to be developed
- May seek separate environmental clearance at programmatic and fundable project-specific levels

AC Transit BRT:

- AC Transit approached MTC with proposal to shift roughly \$80 million capital revenues dedicated to BRT to operating budget as follows:
 - \$45.6 million in RM2 funds to minimize service reductions
 - \$35 million in CMAQ funds to explore viability of proposed new/expanded services

Program Outlook: Anticipated Allocations

- Oakland Airport Connector (CON)
- Transbay Transit Center (CON)
- e-BART (PS&E/ROW/CON)
- BART to Warm Springs (CON)
- Solano I-80 EB Cordelia Truck Scales (PS&E/ROW)
- I-80/I-680/SR-12 Interchange in Solano Co. (PS&E)

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MT

Program Assessment

1. More of the bigger projects moving towards construction
2. MTC is working with project sponsors to examine cash flow needs as projects move into capital intensive phases
3. Bid climate favorable resulting in cost savings on some projects; MTC monitoring projects with substantial bid savings to work out potential revised funding plans.
4. Many major capital projects still not fully funded; Resolution 3434 Strategic Plan continuing to address funding shortfalls
5. Projects and monitoring efforts are becoming more complex as projects advance.

METROPOLITAN TRANSPORTATION COMMISSION
Regional Measure 2 Project Status Summary (ending June 2009)¹

No.	Project Name	Sponsors/ Implementation Agency	Current Project Phase	Current Total Project Cost	RM2 Funding	RM2 Allocation thru' 06/09	Other Bridge Tolls	% Bridge Tolls of Total cost	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	PE/Environmental	\$3,000,000	\$3,000,000	none		100%	N/A	N/A	Project scope is still under discussion.
2	SF MUNI Metro 3rd Street LRT Extension Metro East Maintenance Facility	SF Muni	Completed	\$214,612,000	\$30,000,000	\$30,000,000		14%			RM2 elements completed. Facility is open for service. Additional work funded by others being added to the project.
3	SF MUNI Historic Streetcars Rehabilitation	SF Muni	Construction/Design	\$20,257,000	\$10,000,000	\$10,000,000		49%			The 2 sub-projects are combined. Contract was approved by MUNI board in June 2009. Work will take three years.
4	Dumbarton Commuter Rail	SMCTA, ACTIA, ACCMA, VTA	PE/Environmental	\$595,771,000	\$44,000,000	\$9,157,000		7%			Project is underfunded, costs expected to further increase and interim bus operations is a possibility.
5	Vallejo Station	Vallejo Transportation Program, STA	Design	\$94,590,000	\$28,000,000	\$10,745,031		30%			Project design ongoing. ROW acquisition close to complete and construction of the initial phase will begin in early 2010.
6	Solano County Express Bus Intermodal Facilities	Solano Transportation Authority	PE/Environmental	\$74,687,000	\$20,000,000	\$7,297,275		27%			Only 2 of 4 sub-projects are fully funded. Sponsor may phase under-funded projects to deliver operable segments.
7	I-80 / I-680 SR 12	Solano Transportation Authority	PE/Environmental	\$407,899,000	\$100,000,000	\$55,504,000	\$100,000,000	49%			Projects progressing.
8	I-80 EB HOV Lane Extension from Route 4 to Carquinez Bridge	Caltrans	ROW	\$50,000,000	\$50,000,000	\$6,210,000		100%			Project design is complete and bids will be advertised in September 2009.
9	Richmond Parkway Park & Ride	AC Transit	PE/Environmental	\$28,780,000	\$16,000,000	\$700,000		56%			Project has missed the RM2 3-year deadline and environmental process continues to slip.
10	SMART Extension to Larkspur or San Quentin	SMART, TAM	Design/CON	\$25,116,000	\$35,000,000	\$9,800,000		100%			Cal Park Hill Tunnel - Phase A construction is ongoing. Phase B is delayed by permitting and right-of-way issues. SMART - Updated cost estimate exceeds funding, delivery strategy needed.
11	U.S. 101 Greenbrae I/C Corridor and Bike/ Ped Improvements	Transp. Auth. Of Marin	PE/Environmental/Design	\$197,395,000	\$65,000,000	\$12,958,000		33%			U.S. 101 greenbrae I/C - Total costs exceed funding. ENV study for fundable phases is underway. Sir Francis Drake Widening is complete & operational. Central Marin Ferry Access Imps - Project alternative and phasing have been developed and environmental studies are ongoing.
12	Direct HOV Lane Connector from I-680 to Pleasant Hill BART	CCTA	Scoping	\$1,000,000	\$15,000,000	\$1,000,000		100%			Final report recommending design alternatives including direct HOV connector to be provided in Sept 2009. Final project will also receive Measure J funds.
13	E-BART	BART	PE/Environmental/Design/ROW	\$503,358,000	\$96,000,000	\$66,850,000	\$167,000,000	52%			Scope revised to accommodate E-BART in State Route 4 median. Environmental Document approved in Spring 2009. Updated project cost and location of Antioch Station are under discussion.
14	Capital Corridor Station and Track Improvements in Solano County	CCJPA	PE/Environmental/Construction	\$37,259,000	\$25,000,000	\$3,365,000	\$9,000,000	91%			Construction for first crossover was completed in Feb 2009 and work on second crossover is ongoing. Intermodal Station - Admin draft ENV doc under preparation.
15	Central Contra Costa BART Crossover	BART	Design	\$38,000,000	\$25,000,000	\$25,000,000		66%			Bids were higher than the available funding. BART secured additional funds to award contract with some scope changes.
16	Benicia-Martinez Bridge: New Span (Fund Augmentation)	BATA	Completed	\$1,351,200,000	\$50,000,000	\$50,000,000	\$1,174,700,000	91%			Bridge opened in September 2007.
17	Express Bus North	MTC	-	\$10,305,742	\$20,000,000	\$1,800,000		N/A	N/A	N/A	MTC recently allocated funds to two sub-projects.
18	TransLink®	TransLink® Consortium	PE/Environmental/Design/Construction	\$26,328,000	\$22,000,000	\$16,699,000		84%			The major component of the program is the Regional Integration Project - Project schedule has slipped but progress is being made. The cost of the Golden Gate Ferry integration element had increased beyond the available funding - Sponsor committed additional funds and project is being re-scoped. The Translink system is now operating on 5 agencies.
19	Real Time Transit	Various	PE/Environmental/Design/Construction	\$34,958,000	\$20,000,000	\$17,965,000		57%			Projects progressing. New phases being started with savings from prior completed phases.
20	Safe Routes to Transit	Various	Construction	\$11,651,950	\$22,500,000	\$8,490,364		100%			Projects progressing on schedule.
21	BART Tube Seismic Retrofit	BART	Design	\$329,300,000	\$33,801,000	\$33,801,000		10%			SF Transbay Tube seismic joint upgrade is in progress. Tube will likely require less retrofitting than previously anticipated. Final recommendations delayed by ROW issues.
22	Transbay Terminal/Downtown Caltrain Extension	Transbay JPA	Design/ROW	\$4,184,999,000	\$150,000,000	\$148,678,000	\$203,000,000	8%			Property acquisition and temporary terminal construction are ongoing. Cost expected to increase and soft real estate market may impact project funding.
23	Oakland Airport Connector	BART	Design/ROW	\$479,675,000	\$115,199,000	\$68,000,000	\$31,000,000	30%			Additional funds were secured. Design-build bids expected in Sept 2009.
24	AC Transit Enhanced Bus	AC Transit	Construction	\$34,241,000	\$65,000,000	\$21,657,000		100%			All 15 buses placed into revenue service. Project substantially completed; canopy is being modified to improve rain protection on the Uptown Transit center. Estudillo Transit Center Construction complete. Signalization project substantially completed.
25	Commute Ferry Service for Alameda/Oakland/Harbor Bay	WETA	-	-	\$12,000,000	\$3,000,000		N/A	N/A	N/A	
26	Commute Ferry Service for Berkeley/Albany	WETA	-	-	\$12,000,000	none		N/A	N/A	N/A	
27	Commute Ferry Service for South San Francisco	WETA	Design/CON	\$20,500,000	\$12,000,000	\$12,000,000		59%			Project was delayed due to suspension of State funding. Funding, lease and permitting issues on the ferry terminal are resolved.
28	Water Transit Facility Improvements	WETA	PE/Environmental/Construction	\$27,525,000	\$48,000,000	\$27,525,000		100%			Environmental documents are completed. Site for Berkeley ferry terminal was determined. Gemini and Pisces were delivered and have entered service.
29	Express Bus South	ACCMA & AC Transit	Design/ROW/CON	\$36,284,000	\$22,000,000	\$21,988,882		61%			10 AC Transit buses delivered and in service. SR 84 Newark Blvd HOV On-ramp project suspended due to lack of funding. SR 84 WB HOV Lane Extension is complete and open to traffic in September 2008. Grand-MacArthur Express Bus construction was completed. Ardenwood PNR - construction ongoing, the sponsor is considering adding fencing and repaving street.
30	I-880 North Safety Improvements	ACCMA	PE/Environmental	\$97,000,000	\$10,000,000	\$4,100,000		10%			Project Report/Environmental Document is under preparation.
31	BART Warm Springs Extension	BART	ROW/Construction	\$1,000,986,000	\$186,000,000	\$153,907,000	\$118,000,000	30%			Fremont Grade Separation construction is over 85% complete and cost & schedule are on track. Tunnel contract was awarded and BART is evaluating project cash flow to determine timing for advertising the line segment contract.
32	I-580 (Tri Valley) Rapid Transit Corridor Improvements	ACCMA	PE/Environmental	\$320,919,000	\$65,000,000	\$45,832,000	\$111,000,000	55%			Phase I construction for EB I-580 is ongoing, design of aux lane is to begin. Env approval for the westbound HOV project may miss CMIA deadline. Project scope to be revised to replace BART station bus ramp.
33	San Francisco Bay Area Rail Study	MTC	Study	\$7,075,000	\$6,500,000	\$6,465,108		92%			Forecast Study Report completed in September 2007. Transit Connectivity Plan adopted in April 2008; project completed. Regional Rail Plan Study completed in September 2007; the regional rail ROW study is progressing on schedule.
34	Integrated Fare Structure Program	TransLink Consortium/SFMTA	PE/Environmental	\$1,500,000	\$1,500,000	\$1,000,000		100%			Consultant concluded that a revenue neutral (no discount) approach would not provide incentive for increased ridership as the aggregate ticket prices would be too high, project has been closed out.
35	Transit Commute Benefits Promotion	MTC	Scoping	\$5,000,000	\$5,000,000	\$810,000		100%			Program to be rolled out to Bay Area employers.
36	Caldecott Tunnel Improvements - Fourth Bore	CCTA	PE/Environmental	\$420,500,000	\$50,500,000	\$17,500,000		12%			Construction being advertised with award anticipated in Nov 2009. At 10% the project contingency is low. SR 24 Transit Study completed.
37	BART Transit Capital Rehabilitation	BART	Construction	\$210,152,000	\$24,000,000	\$24,000,000		11%			Various projects ongoing.
				\$10,901,823,692	\$1,515,000,000	\$962,897,660	\$1,913,700,000	31%			

Notes: 1. Total allocations through June 2009 are reported on this table.
 2. Total project costs are estimated escalated costs.
 3. Schedule shown is for Transbay Terminal only. Downtown rail extension is currently scheduled to be completed in 2020 if funding can be secured.