

# Metropolitan Transportation Commission Programming and Allocations Committee

November 12, 2008

Item Number 3b

## Regional Measure 2: Capital Program Monitoring Update

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**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 operating program update for FY 2007-08 activities was presented to the Committee last month.

Regional Measure 2 was passed in March of 2004 and the Commission began allocating funds in July 2004. Since then, MTC has approved over \$665 million in capital allocations.

While projects are generally better defined and more projects are moving into construction, there are a significant number of 'At Risk' or 'High Risk' projects. 'At Risk' is defined as having either a budget, scope, or schedule challenge while 'High Risk' is defined as having several challenges. The attached slides provide additional detail on the more critical project issues.

General assessment of the program includes:

- More projects are in construction or near completion; other projects face significant cost and schedule risks. MTC staff continues to work with sponsors.
- Projects and monitoring efforts are becoming more complex as projects advance.
- Variable/unpredictable bid climate is affecting projects with savings on some projects and increases on others.
- Reimbursements are accelerating, but are still slow.

**Issues:** None.

**Recommendation:** Information.

**Attachments:** RM2 Project Status Summary  
Presentation Slides

**METROPOLITAN TRANSPORTATION COMMISSION**  
**Regional Measure 2 Project Status Summary (ending June 2008)<sup>1</sup>**

No.	Project Name	Sponsors/ Implementation Agency	Current Project Phase	Current Total Project Cost	RM2 Funding	RM2 Allocation thru' 06/08	Cost Status	Schedule Status	Remarks
<b>Legend:</b> 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			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			The 2 sub-projects are combined and being bid as a single contract.
4	Dumbarton Commuter Rail	SMCTA, ACTIA, ACCMA, VTA	Environmental	\$595,771,000	\$135,000,000	\$9,157,000			Project is underfunded. Project will likely be phased with interim bus operations being a possibility. The Union City Intermodal EIR/EIS certified by City in Feb 2008.
5	Vallejo Station	Vallejo Transportation Program, STA	Design	\$99,032,000	\$28,000,000	\$2,783,900			Project design ongoing. ROW acquisition will soon start. Project is underfunded and will be phased.
6	Solano County Express Bus Intermodal Facilities	Solano Transportation Authority	Environmental	\$72,676,000	\$20,000,000	\$2,120,275			3 of 4 projects have been allocated environmental funding. In general 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	\$37,300,000			Projects progressing.
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 progressing but monthly costs warrant additional review.
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 yr deadline.
10	SMART Extension to Larkspur or San Quentin	SMART, TAM	Design	\$25,116,000	\$35,000,000	\$9,800,000			Phase A of the project was awarded and construction is starting.
11	U.S. 101 Greenbrae I/C Corridor and Bike/ Ped Improvements	Transp. Auth. Of Marin	Environmental/Design	\$86,984,000	\$65,000,000	\$8,558,000			Environmental document delayed and has missed the RM2 3-year deadline on Greenbrae Interchange. Phase A of the Cal Park Hill Tunnel project is starting construction. Project Stakeholders are reviewing various alternatives for the Phase A of the Central Marin Ferry Access Improvements.
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	\$506,450,000	\$96,000,000	\$25,850,000			Project cost may increase to account for maintenance facility and station access improvements. Scope revised to accommodate E-BART in State Route 4 median. Environmental Document expected to be completed in Spring 2009.
14	Capital Corridor Station and Track Improvements in Solano County	CCJPA	Environmental/Construction	\$37,259,000	\$25,000,000	\$3,365,000			UPRR is constructing the crossover between the two mainline tracks. Potential cost increase due to widened bridge. Project Schedule continues to slip.
15	Central Contra Costa BART Crossover	BART	Design	\$25,000,000	\$25,000,000	\$25,000,000			Construction contract being advertised.
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	\$23,056,000	\$22,000,000	\$16,649,182			The major component of the program is the Regional Integration Project. Integration issues with BART are again causing delay and warrants close attention by the sponsors. The cost of the Golden Gate Ferry integration element has increased beyond the available funding and needs to be revisited.
19	Real Time Transit	Various	Various	\$28,653,000	\$20,000,000	\$15,560,000			Projects progressing with minor delays in schedule.
20	Safe Routes to Transit	Various	Various	\$8,506,625	\$22,500,000	\$6,207,080			Projects progressing on schedule.
21	BART Tube Seismic Retrofit	BART	Design	\$329,300,000	\$81,000,000	\$33,801,000			SF Transbay Tube seismic joint upgrade is in progress. Tube will likely require less retrofitting than previously anticipated.
22	Transbay Terminal/Downtown Caltrain Extension	Transbay JPA	Design/ROW	\$4,184,505,000	\$150,000,000	\$114,778,000			Temporary Terminal construction work will begin. Terminal design contract was awarded.
23	Oakland Airport Connector	BART	Design/ROW	\$468,465,000	\$68,000,000	\$68,000,000			RFP due date has again been extended to October. Only one bidder remains. Cost is expected to increase.
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; canopy will be modified to improve rain protection on the Uptown Transit center. Estudillo Transit Center Construction complete. Signalization project substantially completed.
25	Commuter Ferry Service for Alameda/Oakland/Harbor Bay	WETA	Environmental		\$12,000,000	None	N/A	N/A	
26	Commuter Ferry Service for Berkeley/Albany	WETA	Environmental		\$12,000,000	None	N/A	N/A	
27	Commuter Ferry Service for South San Francisco	WETA	Design	\$23,300,000	\$12,000,000	\$12,000,000			Timing of San Mateo Measure A fund availability is uncertain and there is no lease with the San Mateo Harbor District.
28	Water Transit Facility Improvements	WETA	Environmental/Construction	\$22,000,000	\$48,000,000	\$24,525,000			A number of environmental documents are nearing completion. The delivery of the two vessels is slightly delayed. WETA is negotiating with others to place these vessels into service.
29	Express Bus South	ACCMA & AC Transit	Design/ROW	\$36,184,000	\$22,000,000	\$21,989,000			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. Grand-MacArthur Express Bus construction bids received were lower than the estimate. This allows improvements to be made at all 12 intersections. Ardenwood PNR - Construction bids received were lower than the estimate, the sponsor is considering adding rain shelter and NextBus signs.
30	I-880 North Safety Improvements	ACCMA	PE/Environmental	\$97,000,000	\$10,000,000	\$4,100,000			Project received TCIF funds and preparation of the project report/Env doc will begin.
31	BART Warm Springs Extension	BART	Environmental/Construction	\$857,986,000	\$95,000,000	\$16,000,000			Fremont Grade Separation construction is over 50% complete and cost & schedule are on track. Warm Springs Extension Utility Relocation project has incurred significant delay. Project is fully funded via MTC Resolution 3434 Strategic Plan.
32	I-580 (Tri Valley) Rapid Transit Corridor Improvements	ACCMA	Environmental	\$320,319,000	\$65,000,000	\$43,232,000			HOV contract for the Phase I for EB I-580 has been awarded and bids were significantly below the estimate. I 580/I680 interchange modification and draft project report for WB I-580 has been submitted to Caltrans for review.
33	San Francisco Bay Area Rail Study	MTC	Study	\$6,875,000	\$6,500,000	\$6,500,000			Forecast Study Report completed in September 2007. Transit Connectivity Plan adopted in April 2008; project completed. Regional Rail Plan Study completed in September 2007; a new ROW study may be initiated with remaining funds.
34	Integrated Fare Structure Program	TransLink Consortium/SFMTA	Study	\$1,500,000	\$1,500,000	\$1,000,000			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.
35	Transit Commute Benefits Promotion	MTC	Design	\$5,000,000	\$5,000,000	\$400,000			Non paper commuter checks are being investigated and consultant is conducting research with employer groups.
36	Caldecott Tunnel Improvements - Fourth Bore	CCTA	Environmental	\$420,500,000	\$50,500,000	\$15,500,000			Project design is progressing. Caltrans reached agreement over ENV document with the City of Oakland but is being sued by a community group. The lawsuit will go to trial in October 2008. 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	
					<b>\$1,515,000,000</b>	<b>\$666,192,437</b>			

Notes: 1. Total allocations through June 2008 are reported on this table.  
 2. Total Project Cost are estimated escalated costs.

# Regional Measure 2: Capital Program Update

November 12, 2008

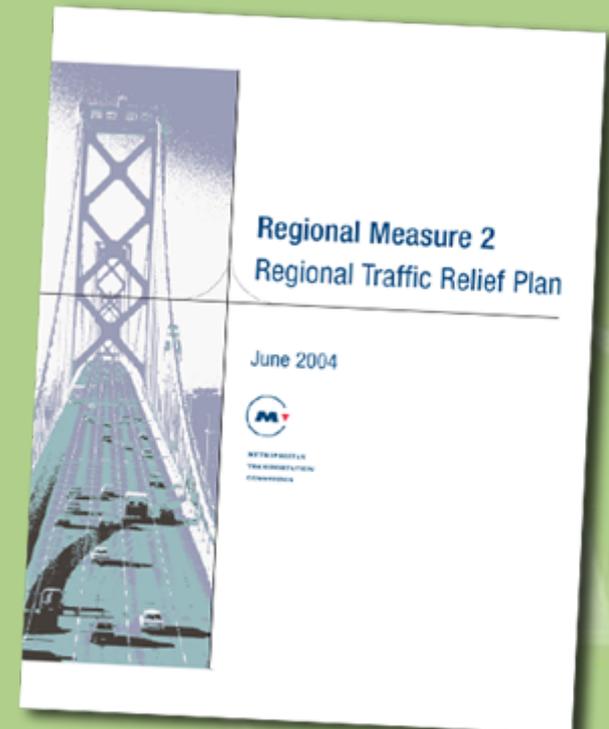
Programming and Allocations



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
Actual FY 2007-08	<u>\$ 114 million</u>
<b>Total Revenues</b>	<b>\$ 459 million</b>

FY 2006-07 & 2007-08

revenues are lower

because of:

- 1) Slowing economy
- 2) Increasing gas prices
- 3) Uncollected violations

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

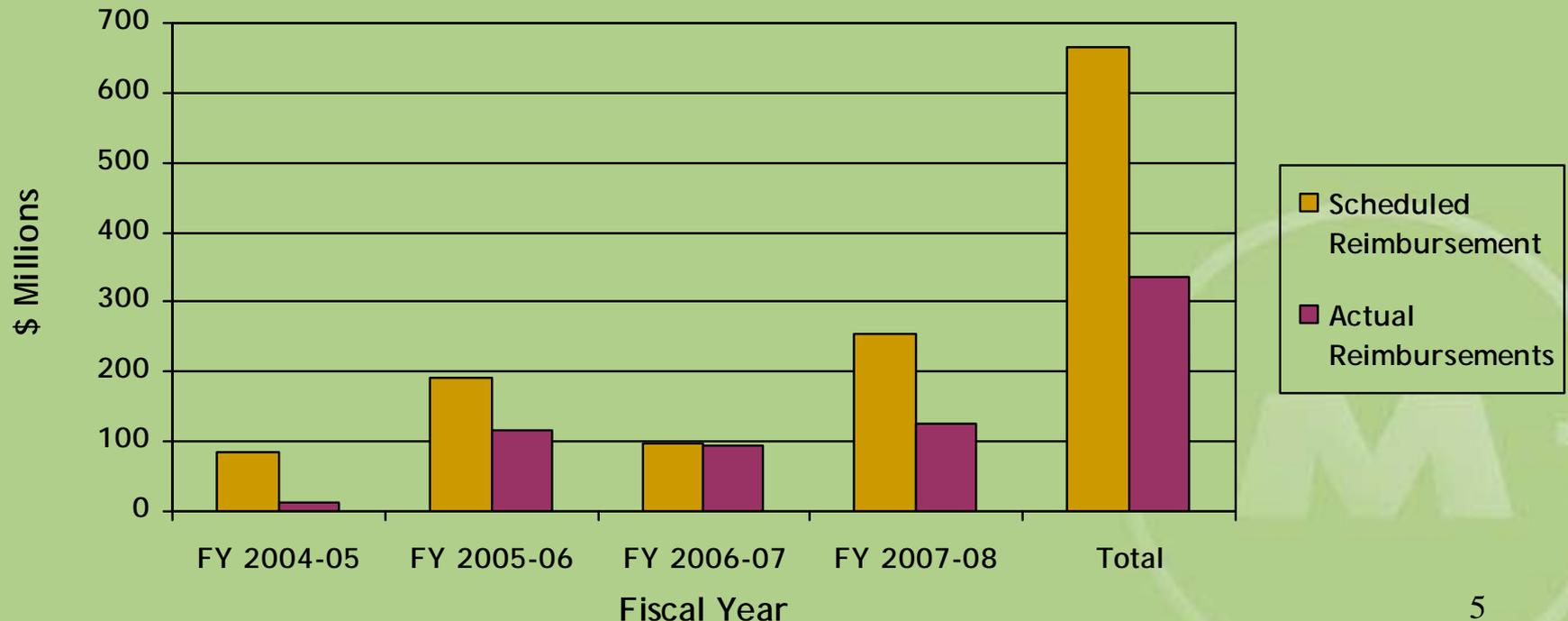
# Capital Program: Allocation Summary

- 37 Projects in Statute, \$1.5 billion program
- Allocations through June 2008: \$665 million
- Approx 45% of program allocated

Project Phase	No. of Allocations	Amount	
		(\$ millions)	Percentage
PA/ED or Study	60	\$ 178	27%
Design	25	\$ 130	19%
Right-of-way	10	\$ 72	11%
Construction	49	\$ 285	43%
Total	128	\$ 665	100%

# Capital Program Progress: Reimbursements to Sponsors

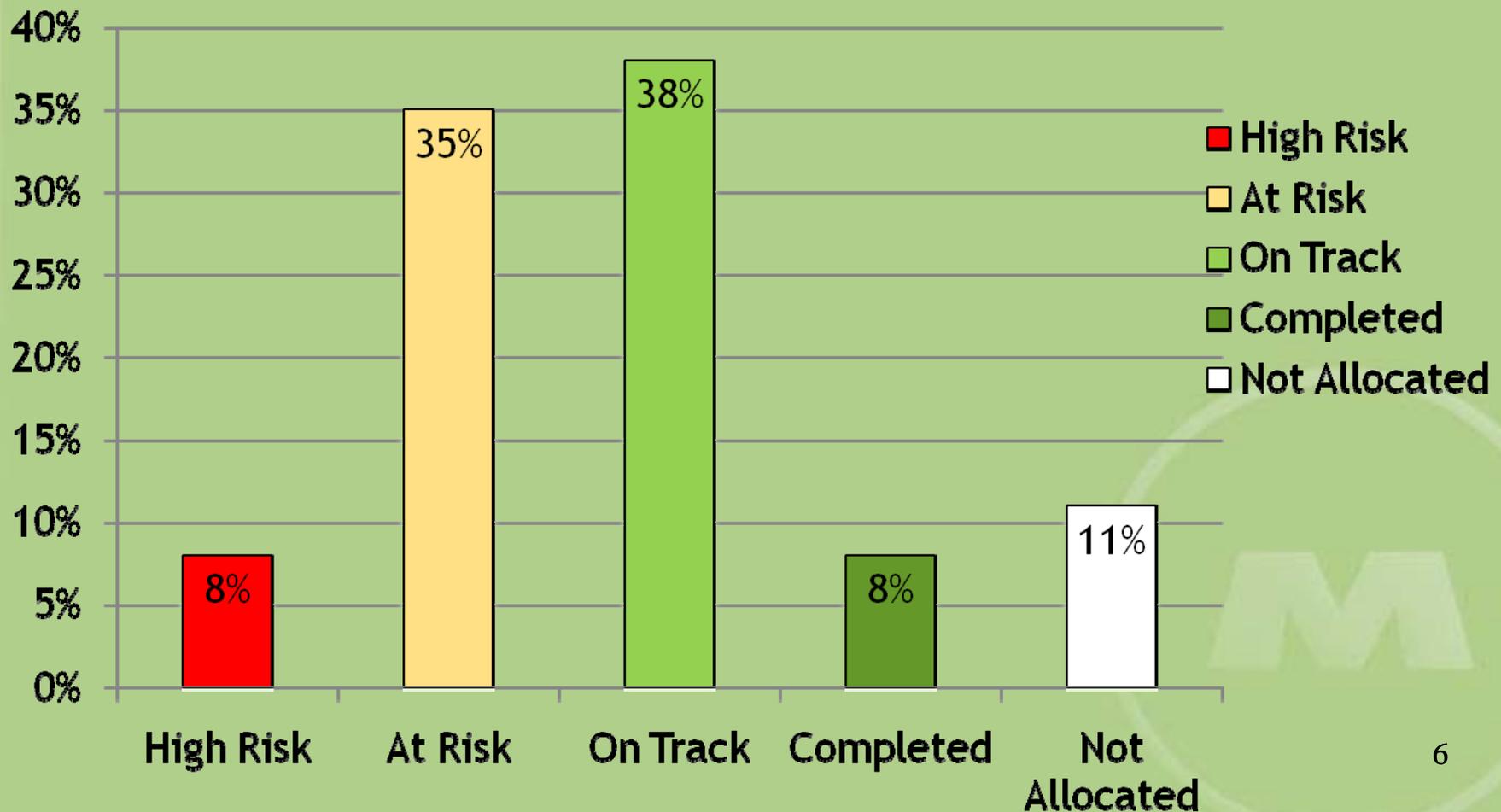
Reimbursements Through June 2008:  
\$336 million (50% of allocated funds)



# Project Progress

Semi-Annual Report Findings:

Budget/Schedule Status





# Projects: Completed

- Express Bus South - Construction of HOV lane on SR 84 from I-880
- Muni Metro East Maintenance Facility
- Safe Routes to Transit -
  - El Cerrito/Albany Ohlone Greenway Safety Project - Pedestrian Bike Crossing
  - MacArthur BART Station Bicycle Access (Phase 1)
  - Santa Clara Transit Center



# Muni Metro East Maintenance Facility

Maintenance Staff  
Entrance



Pit Work Area





# Projects: On Track

## *Nearing Completion -*

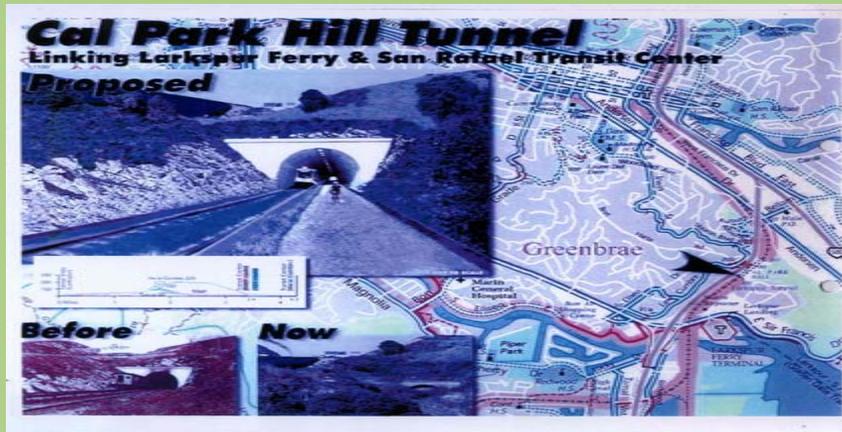
- ✿ AC Transit Enhanced Bus Uptown Transit Center
- ✿ Real Time Transit - AC Transit Scheduling; Signage at Berkeley BART
- ✿ WETA Spare Vessels



# Projects: On Track

## *Beginning Construction -*

- ✿ BART Tube Seismic Strengthening
- ✿ Cal Park Hill Tunnel
- ✿ Capitol Corridor - Bahia Benicia Crossover Project
- ✿ Real Time Transit- Installation of real time display units for Muni, AC Transit & WestCAT vehicles





# Projects: On Track

## *Nearing Construction/Implementation -*

- ✿ Caldecott Tunnel - Advanced Construction Contracts
- ✿ Transbay Terminal - Temporary Terminal
- ✿ WETA Transition with Vallejo and Alameda



# Projects: At Risk

## E-BART:

- Draft EIR being circulated
- Potential project options under discussion:
  - Station Access Improvements
  - Provisions of Maintenance Facility
  - Construction of Hillcrest Station north of SR4
- Construction completion date depends on success of staging strategy



# Projects: At Risk

## US 101 Greenbrae Interchange:

- Project requiring extensive public input
- Environmental clearance missed RM2 deadline, letter sent to sponsor to request plan of action.
- Cost likely to increase, insufficient funding to implement entire project
- General consensus on phased project approach
- Programmatic & project level ENV document to begin in 2009.



# Projects: At Risk

## WETA: Commute Ferry Service for South San Francisco:

- Timing of San Mateo Measure A fund availability is uncertain
- Project also impacted by the lack of a lease between WETA & San Mateo Harbor District.
- Construction season is constrained by potential biological impacts.
- Completion date delayed to at least Dec 2009.

# Projects: At Risk

## BART Warm Springs Extension:

- Significant delay incurred
- Project fully funded via MTC Resolution 3434 Strategic Plan
- Bid for the “Subway Box” construction expected to be released in spring of 2009
- Project timeline depends on outcome of Nov 4<sup>th</sup> Santa Clara County Measure B vote



# Projects: At Risk

## TransLink®

### ● BART TVM Integration -

- BART portion of TVM project is delayed.
- Concerns with potential delay claims and project costs

### ● Golden Gate Ferry Fare Gate -

- Current project scope exceeds available funding
- Scope of project will be reexamined
- Infrastructure, connectivity, and TransLink® integration issues still need to be resolved.

### ● Consortium Information Management System -

- Project behind schedule and completion date not yet updated.

# Projects: At Risk

## Solano County Express Bus Intermodal Facilities:

- Project costs continue to increase on the subprojects
- Projects are behind schedule
- Insufficient money to fund fully all four subprojects



# Projects: High Risk

## Oakland Airport Connector:

- Public private partnership procurement approach under negotiation for last 2 years
- Recent fall off in passenger traffic at the Oakland International Airport
- Costs higher than available funding
- BART let bid lapse in October
- BART working closely with funding partners and advisors to develop a viable alternative financial and technical plan

# Projects: High Risk

## Dumbarton Commuter Rail Service:

- Project underfunded by approximately \$300 million
- Project schedule impacted by a delay in obtaining concurrence with FTA regarding inputs to ridership model
- Difficulty in reaching an agreement with UPRR on ROW issues.
- Project likely to follow a phased implementation approach with interim bus operations possible

# Projects: High Risk

## Central Contra Costa BART Crossover:

- Two construction bids received for the project
- Bids well over the engineer's estimate & available funding
- BART looking for additional funding or potential design changes to have fully funded project



# Projects: Unallocated

- *Express Bus North*
  - \$20 million available for projects in North Bay
  - Work with sponsors over the next year to advance projects
- *Ferry Projects (2)*
  - WETA focus is on existing projects & transition plan
  - Continue to work with sponsor on progress
- *BART/MUNI Connector*
  - Ongoing scope discussion with sponsor

# Program Outlook: Recent & Anticipated Allocations

## Major Recent Allocations (July - October)

- Transbay Terminal/ Downtown Caltrain Extension (\$23.5 million): Construction of the temporary terminal.

## Upcoming Allocations

- E-BART (\$15million): Right of Way purchases to expand State Route 4 median to accommodate transit.
- Various Resolution 3434 follow-up actions



# Program Assessment

1. More projects are in construction or near completion; other projects face significant cost & schedule risks, MTC to continue to work with sponsors.
2. Projects and monitoring efforts are becoming more complex as projects advance.
3. Variable/unpredictable bid climate is affecting projects - some savings, some increases.
4. Reimbursements are accelerating, but still slow.



Metropolitan Transportation Commission