

**Metropolitan Transportation Commission
Programming and Allocations Committee**

April 10, 2013

Item Number 3b

Regional Measure 2: Capital Program Monitoring

Subject: Regional Measure 2 (RM2) Capital Program Update

Background: As of December 2012, MTC has allocated over \$1.2 billion in RM2 capital funds of the \$1.5 billion available.

The attached staff presentation is the semi-annual report for the RM2 capital program focusing on the largest RM2 projects.

Delivery Strategy: The RM2 program is in its ninth year and will reach its 10th anniversary in March 2014. Over \$1.2 billion of the program funds, or 80%, have been allocated to the approximately 129 sub-projects in the program leaving \$240 million in unallocated funds as summarized in Attachment A. Some of these projects are still not fully funded and do not have a good prospect of being fully funded in the near term. Other projects are experiencing implementation challenges due to lack of consensus on scope or complications in obtaining environmental approval. Staff is therefore proposing the following “delivery strategy” to address slow project delivery on some projects and make the best use of unallocated RM2 funds:

1. Provide sponsors of projects with unallocated balances five months to submit a proposal for how unallocated balances will be directed to ready-to-go, usable segments before March 2014, the 10th anniversary of the passage of Regional Measure 2.
2. Staff will evaluate the responses on a case-by-case basis and return to the Commission in late Fall 2013 with recommendations.
3. Recommendations may include re-directing funds from projects that don't have a viable strategy to eligible corridor projects that are ready-to-go.

Issues: None.

Recommendation: Information.

Attachments: 1) Attachment A
2) Presentation Slides

METROPOLITAN TRANSPORTATION COMMISSION
Regional Measure 2 - Summary of Unallocated Amounts*

No.	Project Name	Sponsors/ Implementation Agency	Current Project Phase	Total Project Cost	Unallocated RM2 Balances	Unallocated % of Total RM2 funds
1	BART/MUNI Connection at Embarcadero and Civic Center Stations	BART	Scoping	TBD	\$3,000,000	100%
4	Dumbarton Rail	San Mateo TA, ACTC, VTA/Union City, CCJPA	ENV/PE	\$701,216,000	\$34,693,000	79%
5	Vallejo Station - Phase A	City of Vallejo, STA	CON/ Phase A Completed	\$76,745,000	\$10,040,646	36%
6.1	Vallejo Curtola Transit Center	City of Vallejo, STA	ENV/PE	\$63,935,000	\$4,499,725	75%
6.3	Fairfield Transportation Center	STA/ Fairfield Suisun Transit	ENV/PE	\$16,325,000	\$4,500,000	81%
9	Richmond Parkway Park & Ride	AC Transit	ENV/PE	\$28,780,000	\$15,150,000	95%
11	U.S. 101 Greenbrae I/C Corridor and Bike/ Ped Improvements	TAM	ENV/PE	\$159,703,000	\$45,650,000	72%
12.2	I-680 Southbound HOV Lane Gap Closure	CCTA	ENV/PE	\$80,000,000	\$9,200,000	66%
14	Fairfield/ Vacaville Intermodal Train station	City of Fairfield	ENV/PE	\$49,124,000	\$16,535,000	74%
17	Express Bus North	City of Vallejo, Fairfield, Vacaville, Benicia/CCCTA/Napa VINE/GGT/Richmond/MTC/NCTPA/ GGBHTD	Completed/CON/Design/ENV/PE/ROW	\$20,747,000	\$14,568,000	73%
24	AC Transit BRT	AC Transit	ENV/PE	\$177,859,000	\$39,843,000	61%
25	Commuter Ferry Service for Alameda/Oakland/Harbor Bay	WETA	Scoping	TBD	\$12,000,000	100%
26	Commuter Ferry Service for Berkeley/Albany	WETA	Scoping	TBD	\$12,000,000	100%
28	Water Transit Facility Improvements	WETA	ENV/PE	\$76,745,000	\$19,845,000	41%
TOTAL --- >>>>				\$1,451,179,000	\$241,524,371	

* Does not include projects with unallocated balances that are in construction and proceeding.

Regional Measure 2: Capital Program Update

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METROPOLITAN TRANSPORTATION COMMISSION

13 Select Projects — Semi-Annual Reporting

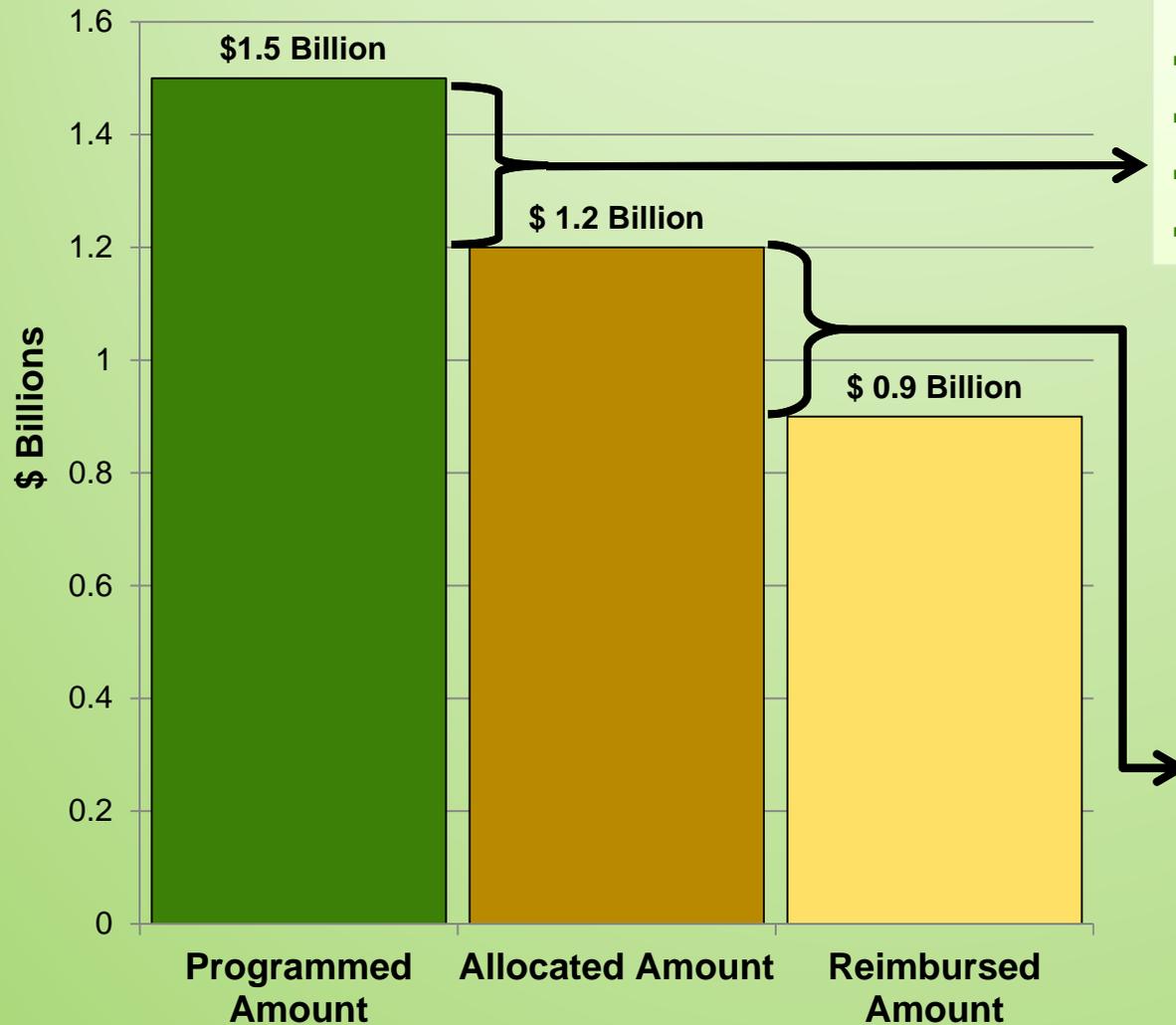
- Dumbarton Rail
- Solano County I-80/680 IC
- U.S. 101 Greenbrae
- SMART Rail Corridor
- eBART
- Transbay Terminal/DTX
- Oakland Airport Connector
- AC Transit Enhanced Bus
- Commuter Ferry Service Expansion (WETA)
- I-880 North Safety Improvements
- BART Warm Springs
- I-580 Rapid Transit Corridor Improvements
- Caldecott Tunnel

Capital Program Summary

- RM2 passed in March 2004
- 37 Projects in Statute, \$1.5 billion program
- Allocations through Dec 2012: ~ \$1.2 billion
- Approx. 80% of program allocated

Project Phase	No. of Allocations	Amount	
		(\$ millions)	Percentage
PA/ED or Study	85	\$223	18%
Design	50	\$179	15%
Right-of-way	24	\$131	11%
Construction	115	\$693	56%
Total	274	\$1,226	100%

Capital Program Summary



- Most of the \$0.3 billion not yet allocated is for the following projects:
- Greenbrae Interchange (\$47 M)
 - Water Transit Facility Improvements/ Commute Ferry service (\$44 M)
 - AC Transit BRT (\$40 M)
 - Dumbarton Rail (\$35 M)
 - Richmond Parkway Park & Ride (\$15M)
 - Regional Express Bus North (\$15 M)

- Most of the roughly \$0.3 billion not yet reimbursed is for the following projects currently under construction:
- BART Extension to Warm Springs (\$80 M)
 - Oakland Airport Connector (\$60 M)
 - E-BART (\$29 M)
 - Caldecott Tunnel Improvements — Fourth Bore (\$30 M)
 - SMART Extension (\$23 M)

Completed Project Elements – Since Last Report

4

- **I-80/I-680/SR12 Interchange:** Environmental document approved.
- **Water Transit Facility Improvements:** Installation of Clipper Card fare payment system at SSF Terminal complete.
- **Transbay Terminal:** Five Utility Relocation Packages completed.



Projects: On Track

Transit

Under Construction (Estimated Completion Date)

- SMART (Spring 2015)
- Oakland Airport Connector (Summer 2014)
- eBART (2017)
- BART Extension to Warm Springs (Fall 2015)
- Transbay Terminal — Utility Relocation, Basement Train Box Excavation (Fall 2017)



Projects: On Track

Highway

Under Construction (Estimated Completion Date)

- Caldecott Tunnel Fourth Bore (Late 2013)
- SR-4 Median Widening (eBART) (Summer 2015)
- I-80/I-680/SR 12 Interchange — I-80 Eastbound Truck Scales Relocation (Late 2013)

Starting Construction/ (Estimated Completion Date)

- I-580 WB HOV Lane Improvements/EB Auxiliary Lane (Fall 2014)
- I-880 North Safety Improvements (Summer 2018)

Caldecott Tunnel Construction



SR-4 Widening – Somersville Interchange

Project Progress

SMART Extension:

- **Construction contracts awarded below estimated costs:**
 - Savings allowed SMART to restore some previously deferred project elements.
 - SMART amended construction contract to include systems work; saves time and reduces contractual risks.
- **Construction proceeding according to schedule:**
 - Mainline track re-construction ongoing.
 - Vehicles currently being fabricated; design to be modified to meet FRA safety standards.



Project Progress

Oakland Airport Connector

- Utility relocation completed
- Construction approx. 75% complete
- Airport and Coliseum Stations platforms and canopies installed.
- Doolittle Drive tunnel completed, all column & bent caps in place; 98th Avenue crossing complete.
- Construction of maintenance facility and aerial guideway in progress
- Car shell fabrication & systems design underway
- Project on schedule for completion in September 2014



Coliseum Station



Car Shell Fabrication



Transition Station

Project Progress

BART Warm Springs Extension

- **Central Park Subway Segment**
 - Design-build, began in Nov 2009.
 - 99% complete; track and system work remaining in LTSS contract.
- **Line, Track, Station & Systems Contract**
 - Design-build contract awarded in June 2011.
 - Final design progressing, minor utility relocation and construction work in progress; contract 23% complete.
- **Project on schedule**
 - Projected opening date: Fall 2015



Project Progress

eBART

- Transfer station & SR-4 Widening progressing.
- Railroad Avenue Station design to proceed; currently only foundation construction is funded.
- Vehicles and Rail procurement contracts being advertised with anticipated awards in late 2013.
- Schedule, cost and funding to be updated.



Project Progress

Solano County I-80/680

- **Interchange**
 - Environmental document approved in December 2012.
 - Utility Relocation work ongoing.
 - CTC programmed TCIF in lieu of CMIA funds.
 - Buy America provisions may delay schedule

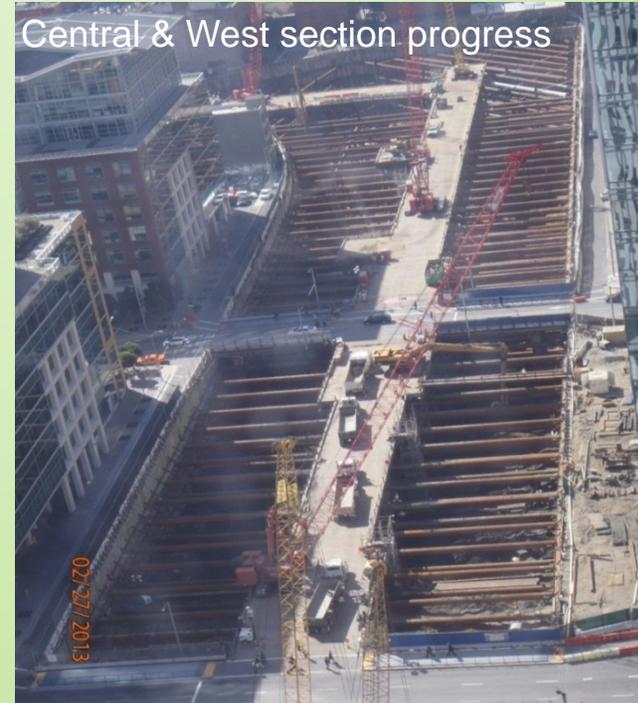
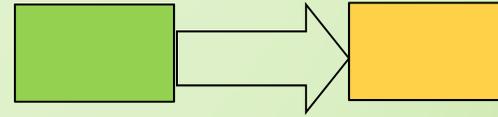
- **Truck Scales Relocation**
 - Construction ahead of schedule.
 - Expected to be complete by late 2013.



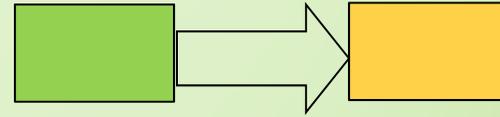
Project Progress

Transbay Terminal

- Temporary terminal, five utility relocation packages, and demolition of existing terminal completed.
- One underground utility relocation contract, basement train box excavation, concrete substructure in progress, design of main terminal approaching completion.
- Project Design and Construction mostly on schedule, minor slippage.
- Superstructure steel frame bid received, \$100M over estimate.
- Phase 1 costs have increased in light of risk analysis and increasing reserves; TJPA exploring revenue opportunities.



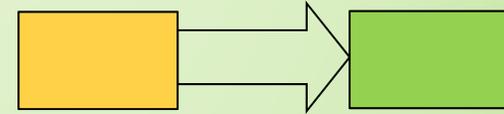
Project Progress



Caldecott Tunnel Improvements — Fourth Bore

- **Main Tunneling contract — awarded in 2009.**
 - Construction approximately 72% complete.
 - Main tunnel and cross passages excavation completed — was considered highest risk element of project.
 - Current work focused on installation of tunnel lining, fire, life, and safety systems and Operations & Maintenance Center (OMC).
- **Overall project on track for opening to traffic in late 2013.**
- **Project will need additional reserves or contingency for the fire, life and safety system.**





Projects: At Risk

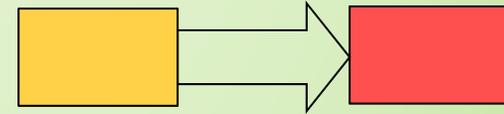
- **AC Transit Bus Rapid Transit – Telegraph Ave, International Blvd, and East 14th Street**
 - Environmental and local agency project approvals secured.
 - Proceeding into design phase; cost, funding and cash flow plan being updated by new AC Transit project team.
 - Project construction funding and cashflow may have timing issues; need to identify additional near-term funding or reduce project cost.

Projects: At Risk

Water Transit Facility Improvements (WETA)

- SSF Ferry Terminal construction complete and service launched in June 2012
- Layover berth for two ferries at Pier 9 completed
- Final environmental document for Berkeley Ferry Terminal progressing; draft environmental for Hercules Ferry terminal on hold
- WETA commencing studies for additional ferry terminals at other East Bay locations
- Unallocated balances under commute ferry service projects for Berkeley/Albany and Alameda/Oakland/Harbor Bay, scope under discussion





Projects: At Risk

■ **US 101 Greenbrae**

- Draft environmental document released for public review.
- Lack of consensus on project scope.
- TAM established committee of local officials to provide project directions — may delay project and result in additional environmental work.
- Current funding does not cover cost for entire project; multi-phase project concept under consideration.

Projects: High Risk/At Risk

Dumbarton Rail

- Project underfunded by at least \$400 million; no potential funding source identified to close shortfall in near term.
- Environmental review ongoing.
- Interim bus service started on July 1, 2012.

Program Outlook

Major Contracts Anticipated to be Awarded:

- **eBART:**
 - SR4 Widening Segment 3B (Hillcrest Interchange) — Winter 2013 awarded.
 - Rail Procurement — Fall 2013
 - Vehicles — Late 2013
- **Transbay Terminal:**
 - Above-grade structures — Spring 2013
 - Glazing Contract — Winter 2014
- **I-880 North Safety Improvements:**
 - CTC Approval of project May/June 2013
 - Award likely in Fall 2013/ Winter 2014

Program Assessment

- ❑ Majority of projects “On Track” & “Under Construction”.
- ❑ Economy and sales tax revenue stabilizing.
- ❑ Upturn in commercial construction may lead to cost escalation over next few years.
- ❑ Some major projects still not fully funded and are not likely to have a full funding plan in the near term.
- ❑ Some projects experiencing implementation challenges due to lack of consensus on scope or complications in obtaining environmental approval.

- Action Plan: Staff recommends a “delivery strategy” to address slow project delivery on some projects and make the best use of unallocated RM2 funds/savings.

RM2 Delivery Strategy

- **Background:**

- RM2 in its ninth year, will complete 10 years by March 2014.
- \$1.2 of the \$1.5 billion already allocated; \$240 million in unallocated funds.

- **Goals:**

- Reduce congestion and make improvements to travel in the toll bridge corridors.
- Spend RM2 dollars to deliver these projects efficiently and quickly.

- **Proposal:**

- Require sponsors with unallocated balances to submit a proposal by October 2013 to direct unallocated balances towards ready-to-go usable segments by March 2014.
- Staff to evaluate responses on a case by case basis and return to the Commission in late Fall 2013 with recommendations; including re-directing funds from projects that don't have a viable strategy and re-investing into projects that are ready-to-go.

Project Name	Unallocated Amount (In Millions)
BART/Muni Connection	\$3.0
Dumbarton Rail	\$34.7
Vallejo Station	\$10.0
Vallejo Curtola Transit Center	\$4.5
Fairfield Transportation Center	\$4.5
Richmond Parkway Park & Ride	\$15.2
U.S. 101 Greenbrae	\$45.7
I-680 Southbound HOV Lane Gap Closure	\$9.2
Fairfield/Vacaville Intermodal Train Station	\$16.5
Express Bus North	\$14.6
AC Transit Enhanced Bus	\$39.8
Commuter Ferry Service for Alameda/Oakland/Harbor Bay	\$12.0
Commuter Ferry Service for Berkeley/Albany	\$12.0
Water Transit Facility Improvements	\$19.8
Total	\$241.5

*Does not include projects with balances that are in construction and proceeding.