

**Metropolitan Transportation Commission
Programming and Allocations Committee**

November 13, 2019

Agenda Item 2f

Regional Measure 2 (RM2) Capital Program: Semi-Annual Update

Subject: Semi-annual update on the Regional Measure 2 Capital Program

Background: **RM2 Capital Program**

RM2 was passed by the voters in March 2004 and the Commission began allocating funds in July 2004. The attached staff presentation is the latest semiannual report for the RM2 capital program.

Allocation/Expenditure Status

The RM2 Capital Program has a programmed amount of approximately \$1.6 billion, with an additional \$74 million from unneeded financing cost coverage programmed to projects by the Commission in December 2016. As of October 2019, MTC has approved \$1.5 billion in capital allocations, of which over \$1.4 billion has been expended.

Project Status

The majority of projects are completed or are on track and under construction. Highlights of this report include the completion of the I-880 North Safety Improvements in Oakland, reopening of the Transbay Transit Center, continued delivery of new BART cars, and construction progress on the AC Transit East Bay Bus Rapid Transit, Caltrain Electrification, and SMART Larkspur Extension.

Staff continues to work with sponsors to move projects with remaining unallocated funds toward construction. Overall, staff continues to monitor projects to ensure continued progress.

Issues: None

Recommendation: Information

Attachments: Presentation Slides



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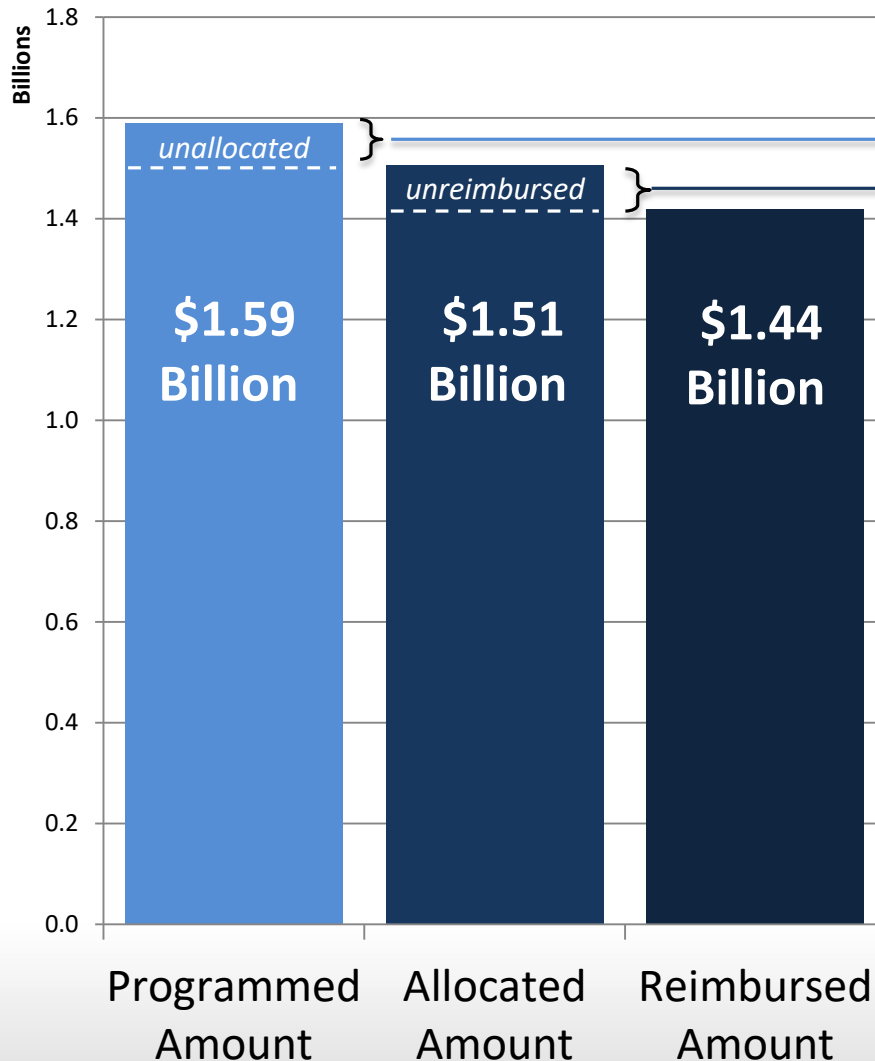
Regional Measure 2 Capital Program Update



METROPOLITAN
TRANSPORTATION
COMMISSION

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Capital Program Summary



The remaining \$74 million not yet allocated includes the following projects:

- BART Cars* (\$40M)
- Clipper* (\$13M)
- Bay Bridge Forward* (\$7M)
- I-580 Transit Improvements (\$5M)
- Express Bus South (Dumbarton) (\$5M)
- Richmond Parkway P&R (\$2M)
- BART/Muni Connection (\$1.5M)

The \$77 million not yet reimbursed includes these projects entering, under, or completing construction:

- AC Transit BRT (\$13M)
- North South Greenway - Marin (\$12M)
- Dublin/Pleasanton Parking Garage (\$7M)
- BART Extension to Warm Springs (\$5M)
- Bay Bridge Forward* (\$7M)
- Regional Express Lanes (\$5M)
- Ferry Vessels incl. Richmond (\$4M)
- I-680 HOV Lane Connector (\$3M)
- Safe Routes to Transit projects (\$3M)

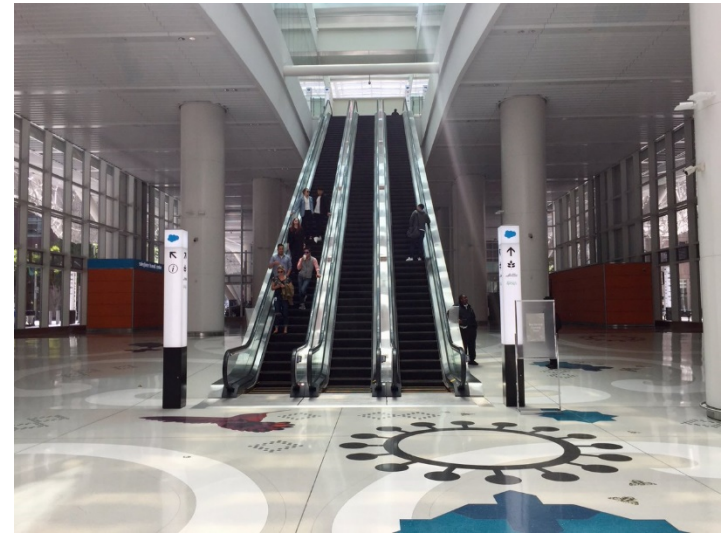
*Project funding added to RM2 program in December 2016

Program Assessment

- 95% of program allocated; 90% reimbursed
- Majority of projects are completed or “On Track” and “Under Construction”
- MTC monitors projects to minimize risk, provide opportunities for meaningful scope changes, and address funding shortfalls.
- Jurisdictional and institutional coordination an issue on some projects.
- Local construction market strong; could lead to cost escalation.

Salesforce Transit Center

- Repair work on the steel girders is complete, as is an evaluation of the facility's structural system
- Reopened to the public on July 1st, the bus deck reopened August 11th



Caltrain Electrification

- Electrification construction continues with foundation and pole installation
- Completed construction of tunnel modifications in SF
- Manufacturing of EMU car shells is continuing, final assembly has begun on the first set
- Expected revenue service date: 2022
- Key coordination activities with CA High Speed Rail Authority continue



AC Transit East Bay BRT

- Major construction on Segment A (42nd Ave to San Leandro Transit Center) nearly complete.
- Construction on Segment B (20th St & Broadway to 42nd Avenue) is ongoing
- All 27 BRT buses delivered
- AC Transit has activated a line of credit to cover most of \$39M cost overrun - partially repaid by STIP funds after project completion, remainder will be converted to long-term debt to be paid from AC Transit's capital funds
- Service opening date delayed to March 2020

Pouring concrete at the 28th Ave station



98th Ave Station



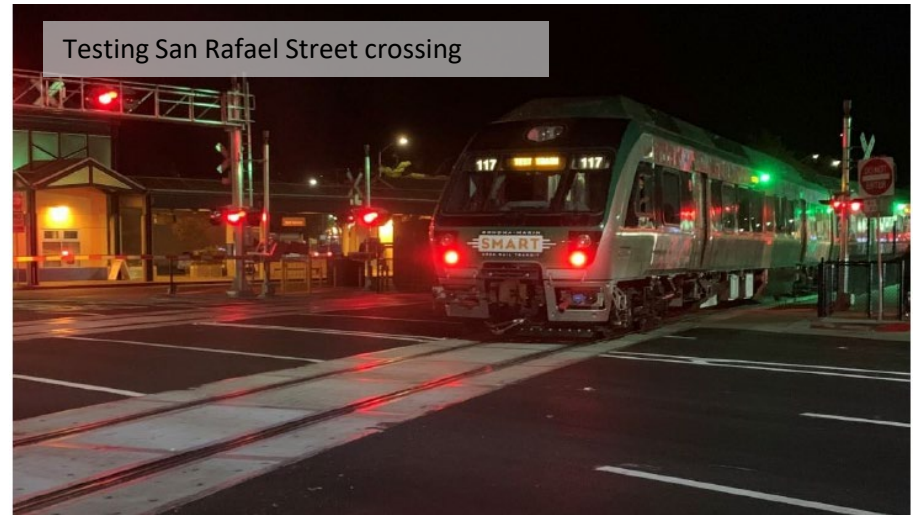
SMART

Larkspur Extension

- Track construction is complete, construction of the station continues
- First phase of testing underway and continuing through late 2019
- On-track to start revenue service by the end of 2019

Windsor Extension

- Procurement for design-build contractor is ongoing
- Environmental permitting is underway



BART Cars

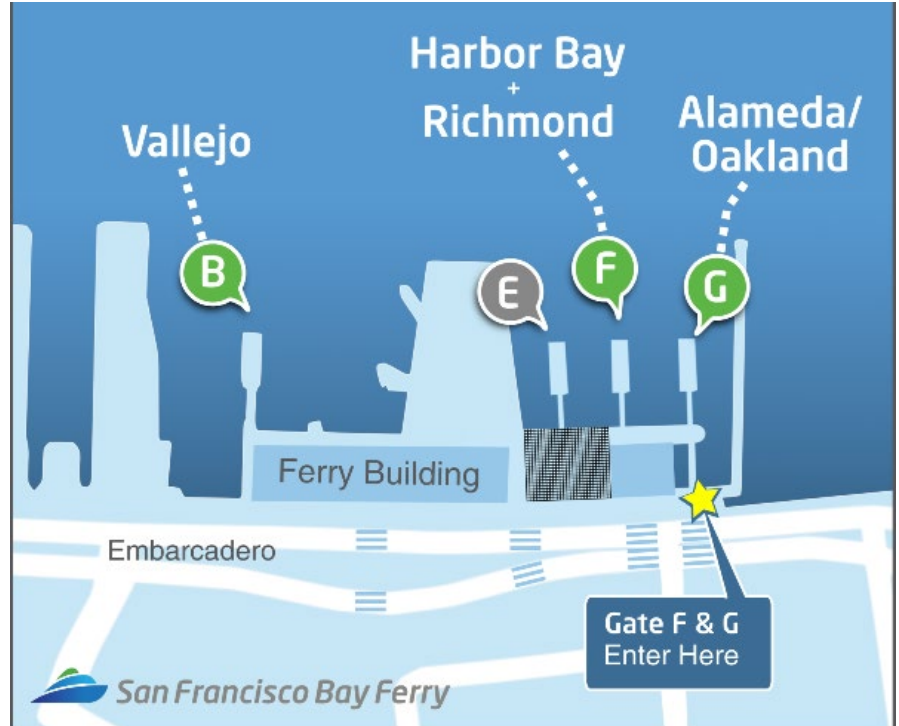
- 106 new cars received and 58 in service as of September 2019
- Car delivery continuing; approximately 10 cars/month until all 775 cars delivered under current contract with Bombardier
- Bombardier will be opening an assembly site in Pittsburg to assemble new rail cars locally
- An additional 306 cars planned for a second contract – CalSTA awarded \$318 million from SB 1 Transit and Intercity Rail Capital Program (TIRCP) toward BART Transbay Capacity Program



Ferry Projects



- **Richmond Ferry:** service began in January 2019
- Six daily Richmond-SF round trips
- One new ferry vessel currently in testing, a second is under construction



- **SF Terminal expansion:** Two new gates now open (F & G)
- Expected full opening in early 2020

Marin North-South Greenway Gap Closure



- **Northern Segment:** final design nearing completion; will be accepting bids for construction soon
- **Southern Segment:** temporarily suspended pending right of way conflict resolution and northern segment construction bid results

Larkspur Ferry Access Improvements



- Multi-use path connecting downtown San Rafael to the Larkspur Ferry Terminal opened in July 2019
- Completed and open for public use
- Connects (or will connect) to San Rafael Transit Center, SMART, Larkspur Ferry, and North-South Greenway

I-80/I-680/SR-12 Interchange – Solano County

- Initial Construction Package (WB 80 – WB 12 Connector): Open for use
- Utility relocations complete
- Continued work on PS&E and ROW for subsequent construction packages
 - Package 2a: EB12 – EB 80 Connector
 - Package 2b: Red Top Road Interchange
 - Package 3: I-80/I-680 Interchange
- Expected completion in 2022



- CTC approved \$53 million in SB1 Trade Corridor Enhancement Program for Phase 2a construction; complements other funding sources including bridge tolls

I-880 North Safety Improvements



- Reconstruction of I-880 in Oakland from 29th Ave to 23rd Ave
- Total cost: \$112 million
- All stages of the project are complete and open to the public, entering closeout phase

I-680 Express Lanes



- I-680 SB in Contra Costa County from Marina Vista to Rudgear
- Utility relocations completed May 2018
- Construction contract awarded August 2018
- Target opening late 2021

Bay Bridge Forward



- TDM platform installation for Flexible On-Demand Transit Pilot is complete, currently identifying options for pilot transit service
- Commuter Parking Initiative expected to open by end of 2019 (Oakland, Albany)
- HOV enforcement and Vehicle Occupancy Detection Pilots completed in 2018, phase 2 facing legislative challenges to implementation
- Bryant/Sterling Managed Lanes and Casual Carpool projects not moving forward, RM2 funds will be moved to other Bay Bridge Forward projects

RM2 Program - Look Forward

- Several remaining projects targeted to open in late 2019/early 2020
- Working with sponsors who have unallocated funds and/or outstanding balances
- Tracking New Starts/Small Starts projects closely
- Coordinating with other major programs and related projects, particularly SB1

