

Metropolitan Transportation Commission Programming and Allocations Committee

June 13, 2018

Agenda Item 2k

Transit Performance Initiative Investment Program Semi-Annual Report

Subject: Semi-annual update on the Transit Performance Initiative (TPI) Investment Program

Background: **TPI Investment Program**

The TPI Investment program funds low-cost capital investments that can improve operations and customer experience on major transit corridors and systems, and that can be implemented rapidly. In October 2012, the Commission committed \$82 million in federal Cycle 2 STP/CMAQ funds to the Transit Performance Initiative (TPI) Investment Program. As of July 2017, these funds have been fully programmed.

In May 2016, the Commission committed one-third of the region's annual population-based Low Carbon Transit Operations Program (LCTOP) funds to augment the TPI program, subject to the region's Cap and Trade Framework in MTC Resolution No. 4130, Revised. Approximately \$1 million in FY2016-17 LCTOP funds were added to the third round call for projects and programmed along with STP/CMAQ funds. The Commission approved programming of approximately \$3 million in FY2017-18 LCTOP funds to projects for SFMTA, VTA, and AC Transit in March 2018; those projects will begin reporting in the next period.

This program update covers the period from December 2017 through April 2018. Please refer to the attached presentation for more information.

Issues: None

Recommendation: Information

Attachments: Presentation Slides

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Transit Performance Initiative (TPI) Investment Program Update

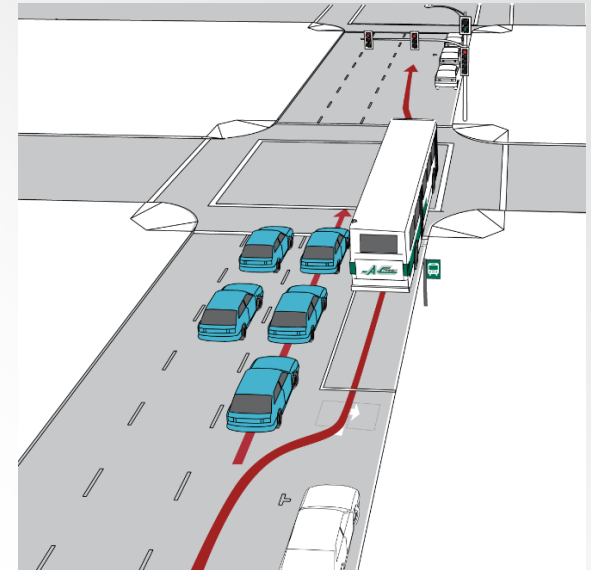


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TPI Investment Program Summary

- \$82 million in federal STP/CMAQ funds over 4 rounds
- Round 1 and 2 projects either complete or entering/under construction
- Many projects delayed due to complex work/agreements with cities and utilities
- Round 3 and 4 projects mostly in design
- Future funding through Cap and Trade LCTOP and OBAG 2 programs



TPI Investment Program

1st Round Overview (Approved May 2012)

Agency	Project	TPI Award (in \$million)
AC Transit	Line 51 Corridor Delay Reduction & Sustainability Project <i>Complete ✓</i>	\$ 10.5
San Francisco Municipal Transportation Authority (SFMTA)	Mission Customer First	\$ 7.0
	N-Judah Customer First	\$ 3.8
	Bus Stop Consolidation and Roadway Modification (9-San Bruno)*	\$ 4.1
Santa Clara Valley Transportation Authority (SCVTA)	Light Rail Transit Signal Priority Improvements	\$ 1.6
	Stevens Creek — Limited 323 Transit Signal Priority	\$ 0.7
Total		\$ 27.7

*Scope determined Sept. 2014. Project is reporting with Round 2 projects



1st Round Project Updates



- **14-Mission** and **N-Judah** remaining work: enhanced stop identification (now rolling out) and NextBus info panels
- **N-Judah** has temporary power connection for TSP upgrades, permanent in works
- **9-San Bruno** construction complete, red transit lanes being painted



- **Light Rail TSP** equipment is arriving; installation to begin in 2018
- **Stevens Creek 323 TSP** continues strong performance, additional intersections now installed in San Jose, more to come in Santa Clara



- **Line 51** improvements fully operational
- After-study being finalized
- Early indications of positive impact on operating speed and reliability

TPI Investment Program

2nd Round Overview (Approved September 2014)

Agency	Project	TPI Award (in \$million)	
Various – Small Operators	Clipper Phase 3 Implementation <i>Complete ✓</i>	\$	8.0
Santa Clara Valley Transportation Authority (SCVTA)	Mountain View Double Track Improvements – Phase 1 <i>Complete ✓</i>	\$	8.0
City of Dublin/ Livermore Amador Valley Transit Authority (LAVTA)	Dublin Boulevard Transit Performance Initiative <i>Complete ✓</i>	\$	1.0
AC Transit	South Alameda County Major Corridors Travel Time Improvement	\$	5.0
San Francisco Municipal Transportation Authority (SFMTA)*	Colored Lanes on MTA Rapid Network	\$	1.0
	Geary BRT Phase 1	\$	4.0
Total		\$	27.0



*In January 2017, MTC approved reprogramming \$4 million from the SFMTA Round 2 Colored Lanes and Muni Forward projects to Geary BRT Phase 1, which was also awarded TPI Round 3 funds.

2nd Round Project Updates



- **LAVTA Dublin Boulevard** construction is complete
- Bus travel time in corridor reduced by one minute through signal work, queue jumps will save additional time
- Potential to reinvest project savings in additional TSP upgrades to the corridor



- **Line 97/South Alameda** construction notice to proceed issued
- Scope reductions due to high bids
- Construction expected to be complete by end of 2018



- **Geary Bus Rapid Transit** federal environmental Record of Decision now anticipated June 2018; **Phase 1** construction advertisement expected in 2018
- **Colored Lanes:** Fourth Street pending completion of Central Subway roadway work; Fremont Street pending completion of Transbay Terminal



TPI Investment Program

3rd Round Overview (Approved Jan. 2017)

Agency	Project	TPI Amount (\$ millions)
Various	Bay Bridge Forward	\$10.0
SFMTA	Geary BRT Phase 1	\$5.6
SamTrans	Traffic Signal Priority on El Camino Real	\$3.5
BART	Train Seat Modification Project	\$1.5
AC Transit*	San Pablo and Telegraph Rapid Bus Upgrades Project	\$5.0
VTA	Santa Clara Pocket Track Light Rail Interlocking	\$0.5
Total		\$26 million

*AC Transit project received both federal STP/CMAQ funds and state Cap and Trade LCTOP funds.



3rd Round Project Updates



BART Train Seat Modification
almost fully rolled out; completion expected by July 2018



SamTrans El Camino Real
preliminary design underway, RFP for design/build contract planned for summer 2018



VTA Santa Clara Pocket Track Interlocking delayed for BART to Berryessa opening and to phase in operations changes



- **AC Transit San Pablo/Telegraph** in project development, RFQ for design to be issued summer 2018



- **Bay Bridge Forward:**
 - **West Grand TSP** in planning (MTC lead)
 - **AC Transit higher capacity bus fleets:** three additional Transbay buses in service and Double Decker bus delivery expected in 2018



TPI Investment Program

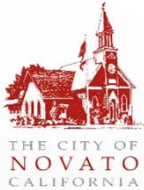
4th Round (North Bay) Overview

(Approved July 2017)

County	Project	TPI Amount (\$ millions)
Marin	Novato Downtown SMART Station	\$0.5
Sonoma	Santa Rosa CityBus New Transit System Optimization	\$0.4
Napa	NVTA Imola Ave and SR-29 Express Bus Improvements	\$0.4
Solano	SolanoExpress Fairgrounds Drive/SR-37 Bus Stop	\$1.0
Total		\$2.3 million



4th Round (North Bay) Project Updates



Novato Downtown SMART Station Phase 3 finishing preliminary engineering; design phase expected to begin late 2018



Santa Rosa CityBus New Transit System Optimization work will commence in 2018



- **NVTA Imola Ave and SR-29 Express Bus Improvements** scope expanding with other funds; new bus lanes and rebuilding park and ride
- Design contract anticipated summer 2018



SolanoExpress Fairgrounds Drive/SR-37 Bus Stop design underway, with construction to begin in winter 2018/19