December 13, 2017   **Agenda Item 2b**

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. With the fourth round of programming in July 2017 to projects in the North Bay, the $82 million in STP/CMAQ 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. Recommendations for programming of FY2017-18 LCTOP funds will be presented to the Commission in early 2018.

This program update covers the period from May 2017 through November 2017. 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

Programming and Allocations
Committee

December 13, 2017

TPI Investment Program Summary

- ➤ $82 million over 4 rounds

- ➤ Round 1 and 2 projects either complete or underway

- ➤ Many projects delayed due to complex work/agreements with cities and utilities

- ➤ Round 3 and 4 projects mostly in project development phase

- ➤ Clipper Phase 3 – Small Operator Implementation is complete
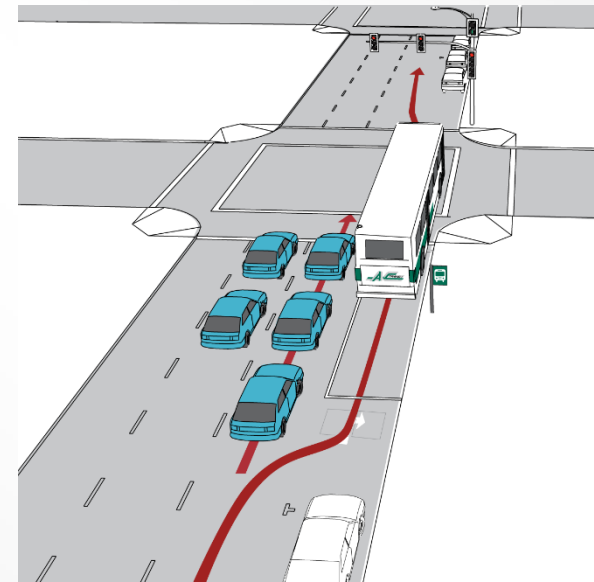
TPI Investment Program
1st Round Overview (Approved May 2012)

Agency	Project	TPI Award (in $million)
AC Transit	Line 51 Corridor Delay Reduction & Sustainability Project	$ 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 Highlights

> **14-Mission** and **N-Judah** remaining work: enhanced stop identification and NextBus info panels

> **N-Judah** power connection for TSP upgrades work still ongoing

> **9-San Bruno** construction completion expected early 2018

> **Light Rail TSP** equipment is arriving; installation to begin in 2018

> **Stevens Creek 323 TSP** continues strong performance, additional intersections in Santa Clara and San Jose by mid-2018

> **Line 51** improvements fully operational

> After-study underway; early results positive

TPI Investment Program
2nd Round Overview (Approved September 2014)

Agency	Project	TPI Award (in $million)
Various – Small Operators	Clipper Phase 3 Implementation **Complete** ✓	$ 8.0
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
Santa Clara Valley Transportation Authority (SCVTA)	Mountain View Double Track Improvements – Phase 1 **Complete** ✓	$ 8.0
City of Dublin/ Livermore Amador Valley Transit Authority (LAVTA)	Dublin Boulevard Transit Performance Initiative	$ 1.0
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 Highlights

- **LAVTA Dublin Boulevard** construction is complete; performance data forthcoming
- Potential to reinvest project savings in additional TSP upgrades to the corridor

- **Geary Bus Rapid Transit** federal environmental Record of Decision anticipated by January 2018; **Phase 1** construction advertisement expected in spring 2018
- **Colored Lanes:** third block on Clay Street is next; Fourth Street pending completion of Central Subway roadway work; Fremont Street pending completion of Transbay Terminal

- **Line 97/South Alameda** construction bids came in very high
- Re-bidding with scope reductions, updated quantity costs, and bid alternatives

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**

3rd Round Project Highlights

> **BART Train Seat Modification** underway; nearly half of planned 360 cars modified and in service

> **SamTrans El Camino Real** and **AC Transit San Pablo/Telegraph** in project development

> **Bay Bridge Forward**: **West Grand TSP** in planning (MTC lead); **AC Transit bus** refurbishment underway and Double Decker buses delivery expected in 2018

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

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**

➢ *Projects are all under early development*