

# Transit Performance Initiative (TPI) Investment: Program Update



December 10, 2014

Programming &  
Allocations Committee

METROPOLITAN TRANSPORTATION COMMISSION

## TPI Investment Program Overview

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### Goals/Strategy:

- Low cost capital investments to improve operations and customer experience
- Quick implementation/leverage existing agency efforts
- Semi Annual monitoring of project progress by MTC

### Benefits:

- Round 1 Estimated Travel Time savings: 5 – 25%
- Round 1 Collective annual operating cost savings - \$4 million
- Speed improvements & enhanced customer experience

### Funding:

- 1<sup>st</sup> Round: \$28 million - programmed to five projects
- 2<sup>nd</sup> Round: \$19 million – programmed to five projects, plus \$8 million for Clipper Phase 3
- 3<sup>rd</sup> Round: \$27 million, date TBD

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# TPI Investment Program Overview – 1<sup>st</sup> Round

Agency	Project	TPI Award
AC Transit	Line 51 Corridor Delay Reduction & Sustainability Project	\$ 10,515,624
San Francisco Municipal Transportation Authority (SFMTA)	Mission Customer First	\$ 7,016,395
	N-Judah Customer First	\$ 3,750,574
	Bus Stop Consolidation and Roadway Modification (9-San Bruno)*	\$ 4,133,031
Santa Clara Valley Transportation Authority (SCVTA)	Light Rail Transit Signal Priority Improvements	\$ 1,587,176
	Stevens Creek — Limited 323 Transit Signal Priority	\$ 712,888
<b>Total</b>		<b>\$ 27,715,688</b>

\*Scope determined Sept. 2014. Project will report with Round 2 projects

## AC Transit Line 51 – Corridor Delay Reduction & Sustainability Project

\*TPI Funding: \$10.5 M

### Scope

- Signal Interconnectivity, Signal Retiming & Transit Signal Priority
- Signal Modifications
- Queue Jump Lanes
- Bus Bulbs & Dedicated Bus Lanes
- Bus Stop Modifications/Relocations



### Budget/Schedule

Phases	Budget	%	Start	End	Months
Preliminary Engineering & Environmental Studies ✓	\$560,000	3.9%	Jan-2013	Mar-2014	15
Design Engineering ✓	\$1,393,500	9.6%	July-2013	Apr-2014	9
Construction in progress	\$12,525,222	86.5%	Aug-2014	Apr-2015	8
<b>Total</b>	<b>\$14,478,722</b>	<b>100%</b>			<b>32</b>

Project Completion: Spring 2015

# AC Transit Line 51 – Corridor Delay Reduction & Sustainability Project

## Status/Activities

### Completed

- Award of construction contract (July)
- Significant construction in Alameda and Oakland

### Upcoming

- Completion of construction in Alameda and Oakland
- Start of construction in Berkeley
- Construction finished Spring 2015

**Status: Construction underway in Alameda and Oakland, some scope and funding issues remain in Berkeley**

# SFMTA Mission Customer First

*\*TPI Funding: \$7 M*

### Scope:

- Colorizing existing dedicated transit lanes
- Transit Signal Priority
- Vehicle Branding
- Enhanced Stop Identification



Newly colorized lanes on 3<sup>rd</sup> Street (April 2014)

### Budget/Schedule

Phases	Budget	%	Start	End	Months
Preliminary Engineering & Environmental Studies ✓	\$522,000	5%	Apr-2012	Jun-2013	14
Design Engineering ✓	\$2,088,000	20%	Jan-2013	Oct-2013	9
Construction in progress	\$7,830,000	75%	Jul-2013	Jun-2015	23
<b>Total</b>	<b>\$10,440,000</b>	<b>100%</b>			<b>46</b>

*Substantial Project Completion: June 2015*

# SFMTA Mission Customer First

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## Status/Activities

### Completed

- Field survey for paving and sewer repair
- Preliminary design of info panel units
- TOEL camera installation (ongoing on rolling basis)
- Configuration and installation of TSP equipment

### Ongoing

- Street repair and lane painting (Geary, O'Farrell, Market Streets complete)

### Upcoming

- Location selection for info panels
- Branding: selection and implementation

**Status: Schedule delayed; Project on track**

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# SFMTA N-Judah Customer First

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*\*TPI Funding: \$3.8M*

## Scope

- Color coding existing dedicated transit lanes
- Transit Signal Priority
- Vehicle Branding
- Enhanced Stop Identification



## Budget/Schedule

Phases	Budget	%	Start	End	Months
Preliminary Engineering & Environmental Studies ✓	\$183,000	3%	Apr-2012	Jun-2013	14
Design Engineering ✓	\$671,000	11%	Jan-2013	Oct-2013	9
Construction in progress	\$5,246,000	86%	Jul-2013	Jun-2015	23
<b>Total</b>	<b>\$6,100,000</b>	<b>100%</b>			<b>46</b>

*Substantial Project Completion: June 2015*

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# SFMTA N-Judah Customer First

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## Status/Activities

### Completed

- Field survey
- Preliminary design of info panel units

### Upcoming

- Colored lanes and TSP installation, in coordination with N-Judah shutdown for Sunset Tunnel rail rehabilitation (Summer 2015)
- Location selection for info panels
- Branding: selection and implementation

**Status: Tunnel closure schedule delays; construction now underway**

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# VTA Stevens Creek – Limited 323

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*\*TPI Funding: \$0.7M*

## Scope

- Transit signal prioritization



## Budget/Schedule

Phases	Budget	%	Start	End	Months
Preliminary Engineering & Environmental Studies 	\$50,000	6.2%	Aug-2012	Apr-2013	8
Design Engineering 	\$390,000	48.4%	Apr-2013	May-2014	13
Construction <i>in progress</i>	\$365,250	45.4%	May-2014	Feb-2015	9
<b>Total</b>	<b>\$805,250*</b>	<b>100%</b>			<b>30</b>

*Project Completion: October 2014*

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# VTA Stevens Creek – Limited 323

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## Status/Activities

### Completed

- Equipment for vehicles and intersections procured
- Agreements with cities for equipment installation

### Ongoing

- Installation of signalized installation equipment

### Upcoming

- Installation of transit vehicle equipment and control software
- Field testing and project completion

**Status: Schedule delayed; Project on track**

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# VTA Light Rail Transit System

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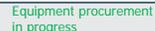
*\*TPI Funding: \$1.6M*

## Scope

- Transit signal prioritization & light rail vehicle detection system



## Budget/Schedule

Phases	Budget	%	Start	End	Months
Preliminary Engineering & Environmental Studies 	\$39,000	2.2%	Oct-2012	Mar-2014	17
Design Engineering 	\$433,688	24.2%	Mar-2014	June-2014	3
Construction 	\$1,320,125	73.6%	June-2014	Aug-2015	14
<b>Total</b>	<b>\$1,792,813*</b>				<b>34</b>

*Project Completion: August 2015*

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# VTA Light Rail Transit System

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## Status/Activities

### Completed

- Preliminary engineering completed
- Technology selected

### Ongoing

- Procurement process

### Upcoming

- Request for bids on equipment (end of 2014)
- Review of installation plans and specifications

**Status: Schedule delayed; Project on track**

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# TPI Investment Program Overview – 2<sup>nd</sup> Round

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Agency	Project	TPI Award
AC Transit	South Alameda County Major Corridors Travel Time Improvement	\$ 5,000,000
San Francisco Municipal Transportation Authority (SFMTA)	Colored Lanes on MTA Rapid Network	\$ 1,784,880
	Muni Forward Capital Transit Enhancements	\$ 3,205,680
Santa Clara Valley Transportation Authority (SCVTA)	Mountain View Double Track Improvements – Phase 1	\$ 8,000,000
City of Dublin/ Livermore Amador Valley Transit Authority (LAVTA)	Dublin Boulevard Transit Performance Initiative	\$ 1,705,000
<b>Total</b>		<b>\$ 19,000,000</b>

➔ Projects to begin reporting when STP/CMAQ funds accessible

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## Clipper Phase 3 – Implementation Update

In March 2014, \$8 million in TPI-Investment funds were committed for Clipper expansion on small operators.

<p><b>LAUNCHED:</b> SF-Vallejo Ferry, Marin Transit, Napa/Solano Counties</p> 	<p><b>Winter 2015/16:</b> Sonoma City/County Bus</p> 
<p><b>Fall 2015: East Bay Suburban Bus</b></p> 	<p><b>Spring 2016</b></p>  <p><b>Summer 2016</b></p> 

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## Program Outlook/Next Steps

- **Next semi annual update: Spring 2015**
- **3<sup>rd</sup> TPI funding round: TBD**

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