

# Transit Performance Initiative – Investment Program

## Project Updates



San Leandro TEMPO BRT Terminal

## TPI Investment Program Summary

- \$98 million distributed since 2012 (federal STP/CMAQ funds and Cap and Trade LCTOP program).
- 3 projects (totaling \$2.7 million) added to program in March 2021 via LCTOP.
- 19 projects have been completed or substantially completed. Projects have benefitted transit service and helped agencies build up toolkits and experience on how to get transit out of traffic.
- Remaining Round 1, 2, and 3 projects in construction, other projects either in design or under construction. Multiple projects expected to be complete in the next reporting period.
- Some projects still recovering from delays due to COVID-19 shelter-in-place effects.
- A larger call for projects using both LCTOP and OBAG 2 funds is planned in late 2021/early 2022, focusing on transit priority projects consistent with Blue Ribbon Transit Recovery Task Force priorities. This additional funding will help implement more projects to get transit out of traffic.

# TPI Investment Awards Summary

Project Sponsor	Total TPI Awards
AC Transit (7 awards*)	\$33.2
SFMTA (9 awards)	\$33.7
VTA (7 awards)	\$13.7
Other (11 awards)	\$17.7
<b>Total</b>	<b>\$98.3</b>

\*Includes Bay Bridge Forward award to MTC implemented in coordination with AC Transit

Ongoing Projects (Projects completed this reporting period shown in Green)			
AC Transit	SFMTA	VTA	Other
<ul style="list-style-type: none"> <li>San Pablo and Telegraph Rapid Bus Upgrades Project</li> <li>San Leandro BART -- Transit Access Improvements</li> <li>Dumbarton Innovative Deployments to Enhance Arterials (IDEA)</li> <li><b>Bay Bridge Forward – Double Decker Bus Wash</b></li> <li>Bay Bridge Forward – West Grand TSP</li> </ul>	<ul style="list-style-type: none"> <li>Mission Customer First</li> <li>N-Judah Customer First</li> <li>Colored Lanes on MTA Rapid Network</li> <li>Geary BRT Phase 1</li> <li><b>Mission Bay Loop</b></li> <li><b>West Portal Optimization and Crossover Activation</b></li> <li>27-Bryant Tenderloin Transit Reliability Project</li> </ul>	<ul style="list-style-type: none"> <li>Light Rail Transit Signal Priority Improvements</li> <li>Stevens Creek Ltd 323 TSP</li> <li><b>Santa Clara Light Rail Crossovers and Switches</b></li> <li>Eastridge to BART Regional Connector</li> </ul>	<ul style="list-style-type: none"> <li><b>SamTrans</b> — Traffic Signal Priority on El Camino Real</li> <li><b>Novato</b> — Downtown SMART Station</li> <li><b>Santa Rosa CityBus</b> — New Transit System Optimization</li> <li><b>NVTA</b> — Imola Ave and SR-29 Express Bus Improvements</li> <li><b>Tri-Delta Transit</b> — Wi-Fi for Bus and Paratransit Rider Connectivity</li> </ul>

# 1st Round Project Updates



## Light Rail TSP

- Equipment has been manufactured and shipped
- Agreements with Cities of Santa Clara and San José have been executed
- Pilot intersection in Sunnyvale installed, testing expected to begin summer 2021
- Construction contract will be awarded by late 2021
- Completion expected in FY 2023

## Stevens Creek – Limited 323 TSP

- Original scope complete
- Savings on original scope directed towards a TSP Central Monitoring System
- COVID-19 and the cyber attack have delayed progress on the additional scope



## 14-Mission

- Installation of info panels complete
- Stop branding is partially complete; remaining locations delayed due to COVID-19, but expected by end of 2021
- Bus branding design issues remain; staffing reassignments during COVID-19 have further delayed installation

## N-Judah

- TSP, lane colorization, camera elements complete
- Stop branding installation delayed due to COVID-19, but expected by end of 2021

# 2nd Round Project Updates



## Geary Rapid Project Phase 1

- Initial implementation resulted in 1-2 minutes of peak hour transit travel time savings
- Two of four construction contracts completed, two underway and construction progress remains on-schedule
- Expected to be complete in September
- Transit lane colorization to occur after repaving

## Colored Lanes on Rapid Network

- Fremont St, Clay St, and additional lanes near Transbay Terminal completed
- SFMTA experiencing a backlog of work due to crews working on emergency COVID-19 response
- Fourth St anticipated to be complete in 2021
- Stockton (additional scope added in 2019) expected to be complete in 2021
- Additional lane colorization on Mission St added in Dec 2020; awaiting local approval but expected to move forward quickly
- Investment in institutional capacity for implementing transit lanes has aided in quickly implementing COVID-19 emergency transit lanes





# 3rd Round Project Updates



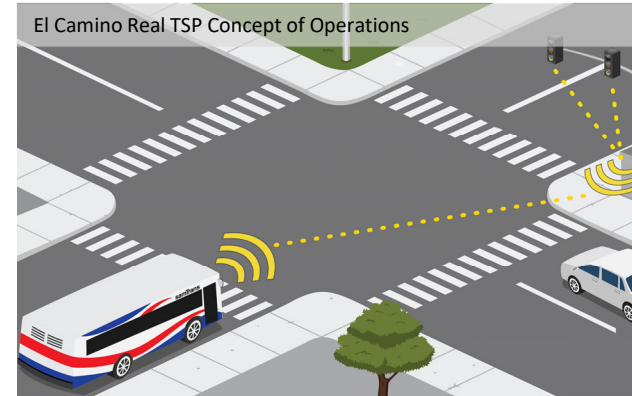
## Bay Bridge Forward

- **West Grand TSP** – Design is complete; construction contract will be advertised in summer 2021
- **Double-Decker Bus Wash** – Installation is complete, facility is operational, and project is in closeout



## AC Transit San Pablo/Telegraph

- **Telegraph Avenue**
  - Currently in design
  - Outreach will take place online Summer 2021
  - Construction planned for 2022
- **San Pablo Avenue**
  - Design complete, entering construction phase.
  - Construction contract is expected to be awarded in 2021



## El Camino Real TSP

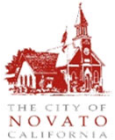
- Installations complete
- Testing ongoing
- Benefits difficult to measure due to ongoing pandemic effects
- Closeout expected soon



## Light Rail Crossovers and Switches Project

- TPI-funded scope completed in 2020
- Project is part of a larger contract expected to closeout in 2022

# 4th Round (North Bay) Project Updates



## Novato Downtown SMART Station

### Phase 2 (signaling, systems, station amenities)

- Construction complete, commuter train service commenced in January 2020

### Phase 3 (former Depot site improvements)

- Construction suspended due to COVID-19
- Additional funding and agreement with developer/operator needed to complete improvements



## NVTA Imola Ave and SR-29 Express Bus Improvements

- Design, engineering, and environmental complete
- Construction procurement underway
- Additional FY20 LCTOP funds awarded to help cover the construction costs of expanded scope, including bus lanes, new signals, and reconstruction of the park-and-ride lot



## Santa Rosa CityBus New Transit System Optimization

- Modem and kiosk installation complete
- Procurement for mobile ticketing, real time signage, and transit hubs underway
- Delay in procuring mobile ticketing component exacerbated by COVID-19
- All elements expected complete by end of 2022

# Low Carbon Transit Operations Program (LCTOP) Project Updates



## Mission Bay Loop

- Project is complete and closed out

## West Portal Optimization and Crossover Activation

- Construction completed and switch activated in 2020
- Successfully tested and in revenue service
- Savings on this project may be directed to additional West Portal scope

## 27-Bryant

- Design complete, construction not yet started
- Project delayed due to COVID-19
- Anticipated complete in 2023

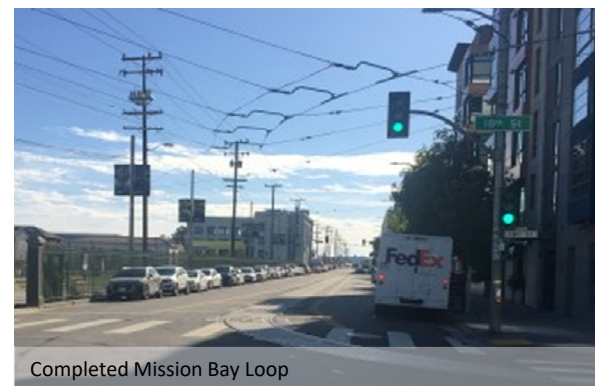


## Wi-Fi for Bus and Paratransit Rider Connectivity

- All equipment has been installed
- Testing in progress
- WiFi expected to be in operation by summer 2021



Completed Mission Bay Loop



Completed Mission Bay Loop



# Low Carbon Transit Operations Program (LCTOP) Project Updates (continued)



## San Leandro BART Transit Access Improvements

- Construction complete and terminal is in operation
- Closeout pending resolution of stormwater compliance issue

## Dumbarton IDEA

- Design is complete and stakeholder agency comments have been received.
- Agreements signed but awaiting master TSP agreement with Caltrans
- Construction contract expected to be awarded in 2021
- Project expected to be complete in Summer 2021



## Eastridge to BART Regional Connector

- Current TPI funding for this project includes:
  - Reprogrammed FY 19 LCTOP funds
  - Replacement project for the LCTOP-funded FY 2019 ZEB project (which is not TPI eligible)
- Design is nearly complete
- ROW and utility relocation underway and expected to be complete in 2021
- Waiting on availability of RM3 funds before moving forward with construction

## New LCTOP Projects

- MTC's LCTOP programming for FY 21 includes the following projects, which are still under review by Caltrans and will begin reporting next cycle if approved
  - **VTA** – Eastridge to BART Regional Connector
  - **SFMTA** - 5 Fulton: Arguello to 25<sup>th</sup> Ave Muni Forward
  - **AC Transit** – Quick Build Transit Lanes