

# Transit Performance Initiative- Investment program

## Project Updates



Geary BRT Bus-Only Lane

# TPI Investment Program Summary

- \$98 million distributed since 2012 (federal STP/CMAQ funds and Cap and Trade LCTOP program).
- Three projects (totaling \$2.7 million) added to program in March 2021 via LCTOP.
- 17 projects have been completed or substantially completed. Projects have benefitted transit service and helped agencies build up tools and experience for getting transit out of traffic.
- Remaining Rounds 1-4 projects in construction, other projects either in design or under construction.
- Some projects still recovering from delays due to COVID-19 shelter-in-place effects.
- A larger call for projects using OBAG 2 funds, timing TBD, will focus on transit priority projects consistent with Blue Ribbon Transit Recovery Task Force priorities. This additional funding, along with ongoing LCTOP funding, will help implement more projects to get transit out of traffic.

# TPI Investment Awards Summary

Project Sponsor	Total TPI Awards
AC Transit (6 projects*)	\$33.2
SFMTA (9 projects)	\$33.7
VTA (5 projects)	\$13.7
Other (9 projects)	\$17.7
<b>Total</b>	<b>\$98.3</b>

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

## Ongoing Projects

AC Transit	SFMTA	VTA	Other
<ul style="list-style-type: none"> <li>San Pablo and Telegraph Rapid Bus Upgrades Project</li> <li><b>San Leandro BART -- Transit Access Improvements (Completed this period)</b></li> <li>Dumbarton Innovative Deployments to Enhance Arterials (IDEA)</li> <li>Bay Bridge Forward – West Grand TSP</li> <li>Quick Build Transit Lanes</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><b>Geary BRT Phase 1 (Completed this period)</b></li> <li>27-Bryant Tenderloin Transit Reliability Project</li> <li>5-Fulton Arguello to 25<sup>th</sup> Ave Muni Forward</li> </ul>	<ul style="list-style-type: none"> <li>Light Rail Transit Signal Priority Improvements</li> <li>Stevens Creek Ltd 323 TSP</li> <li>Eastridge to BART Regional Connector</li> </ul>	<ul style="list-style-type: none"> <li><b>SamTrans — Traffic Signal Priority on El Camino Real (completed this period)</b></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 — Wi-Fi for Bus and Paratransit Rider Connectivity (Completed this period)</b></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 in progress
- Construction contract will go out for bids after Sunnyvale testing
- 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 delayed progress on the additional scope, but work has recommenced
- Completion expected as early as Spring 2022



## 14-Mission

- Installation of info panels complete
- Stop branding is partially complete; remaining locations delayed due to COVID-19, but expected by early 2022
- Plan for bus branding is under development

## N-Judah

- TSP, lane colorization, camera elements complete
- Stop branding installation delayed due to COVID-19, but expected by early 2022

# 2nd Round Project Updates



## Geary Rapid Project Phase 1

- Initial implementation resulted in 1-2 minutes of peak hour transit travel time savings
- Construction substantially complete
- Final segment of repaving to be done after an unrelated telecommunication project is complete

## 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
- Mission St (additional scope added in Dec 2020) will begin in late 2021 or early 2022

Red Lanes on Geary Street



Geary Bus Bulb



# 3rd Round Project Updates



## Bay Bridge Forward

- **West Grand TSP** – Design for the TSP element is complete and design for bus stop relocation is nearly complete; procurement for TSP equipment in-progress; procurement for bus stop relocation planned for spring 2022
- **Double-Decker Bus Wash** – Installation is complete, facility is operational, and project is closed out



## AC Transit San Pablo/Telegraph

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



## El Camino Real TSP

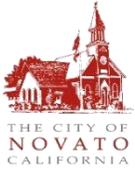
- Installation complete and project closed out
- A preliminary analysis found that the project resulted in up to 4 minutes of travel time savings and an increase in on-time performance



## 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 contract awarded and executed
- Construction began in fall 2021
- 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
- Implementation of mobile ticketing, real time signage, and transit hubs underway
- Progress on all capital projects has been slowed by COVID-19
- All elements expected complete by end of 2022

# Low Carbon Transit Operations Program (LCTOP) Project Updates



## 27-Bryant Tenderloin Transit Reliability

- Design complete, construction contract advertised
- Project delayed due to COVID-19
- Anticipated complete in 2023

## 5-Fulton Arguello to 25<sup>th</sup> Ave Muni Forward

- New project awarded in 2021
- Work expected to start in December 2021



## Wi-Fi for Bus and Paratransit Rider Connectivity

- All equipment has been installed and testing is complete
- Service was made available to the public in April 2021
- Remaining funds will be used for service for wi-fi equipment through 2024



## Eastridge to BART Regional Connector

- Current TPI funding for this project includes:
  - Reprogrammed FY 18 LCTOP funds
  - Replacement project for the LCTOP-funded FY 2019 ZEB project (which is not TPI eligible)
  - FY21 LCTOP funds
- 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

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



## San Leandro BART Transit Access Improvements

- Project is complete and terminal is in operation

## Dumbarton IDEA

- Design is complete and TSP equipment has been purchased
- Agreements with Caltrans and project partners complete, but Caltrans requirements resulted in project delay
- Project expected to be complete in Summer 2022

## Quick Build Transit Lanes

- New project added in 2021, work not yet started

