



**SFMTA**

San Francisco General Obligation Bond

# Muni Reliability and Street Safety Improvement Bond

Improved Safety, Reliability, Access and Equity for San Francisco

SFMTA Citizens' Advisory Council  
October 14, 2021

**Transportation 2050**





# Improvement

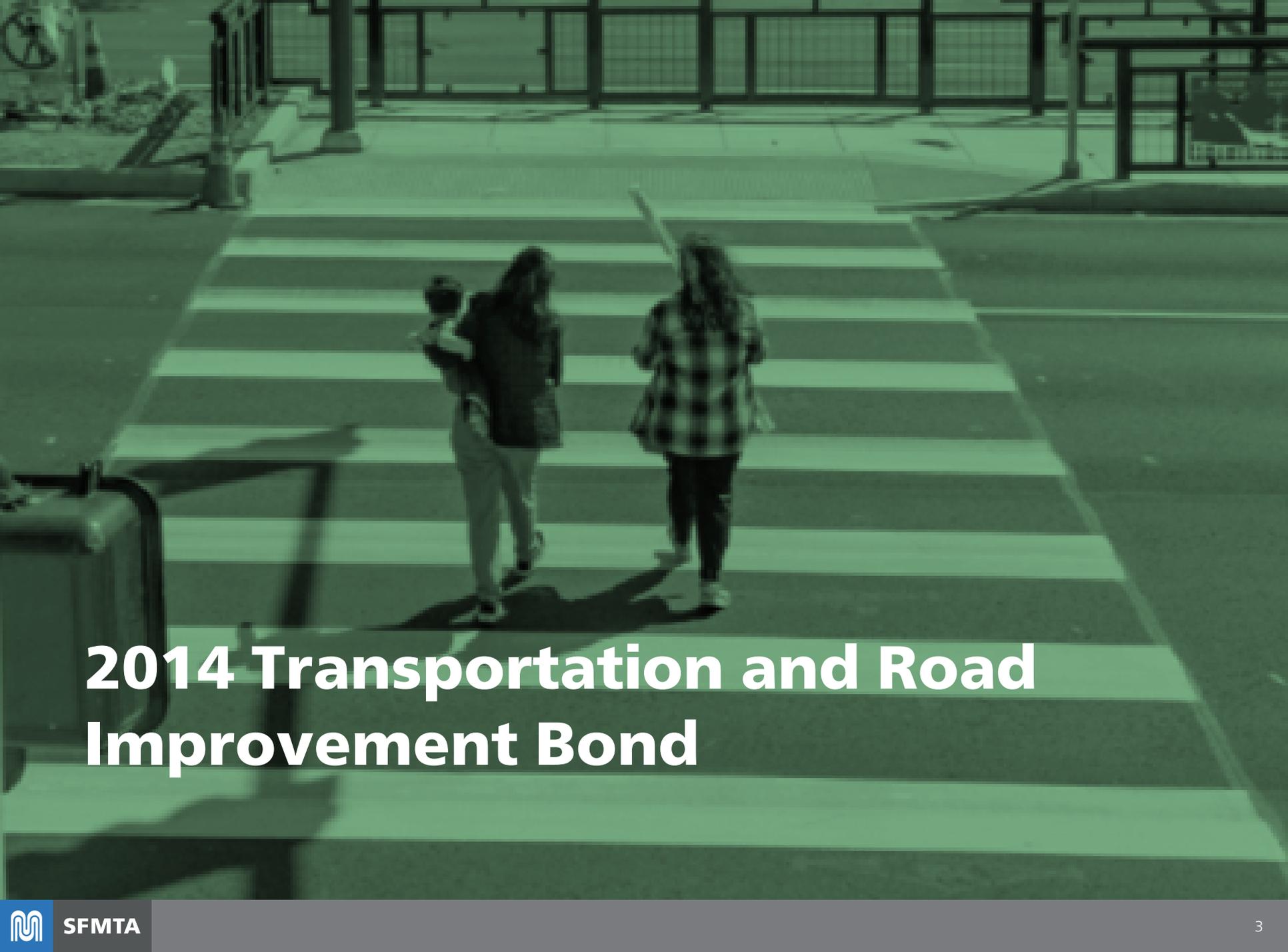


# Reliability



# Safety



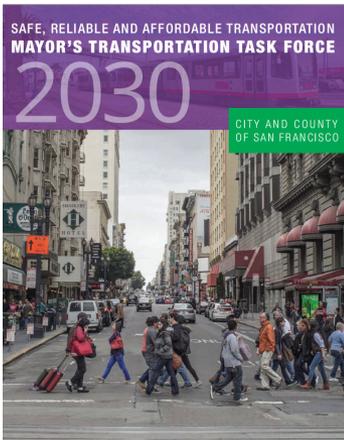


# 2014 Transportation and Road Improvement Bond

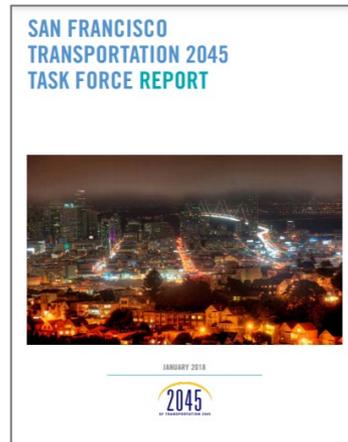
## 2014 Transportation Bond



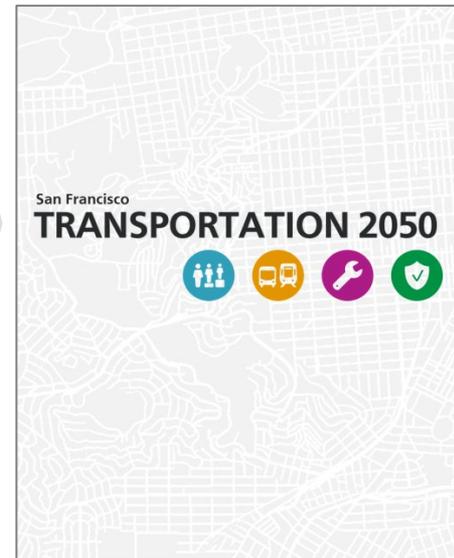
In 2013, **Transportation 2030** recommended that the SFMTA be included in the City's General Obligation Program. The **2014 Transportation and Road Improvement Bond** raised **\$500m** for transportation and was passed by 72% of the vote.



2013



2018



2021

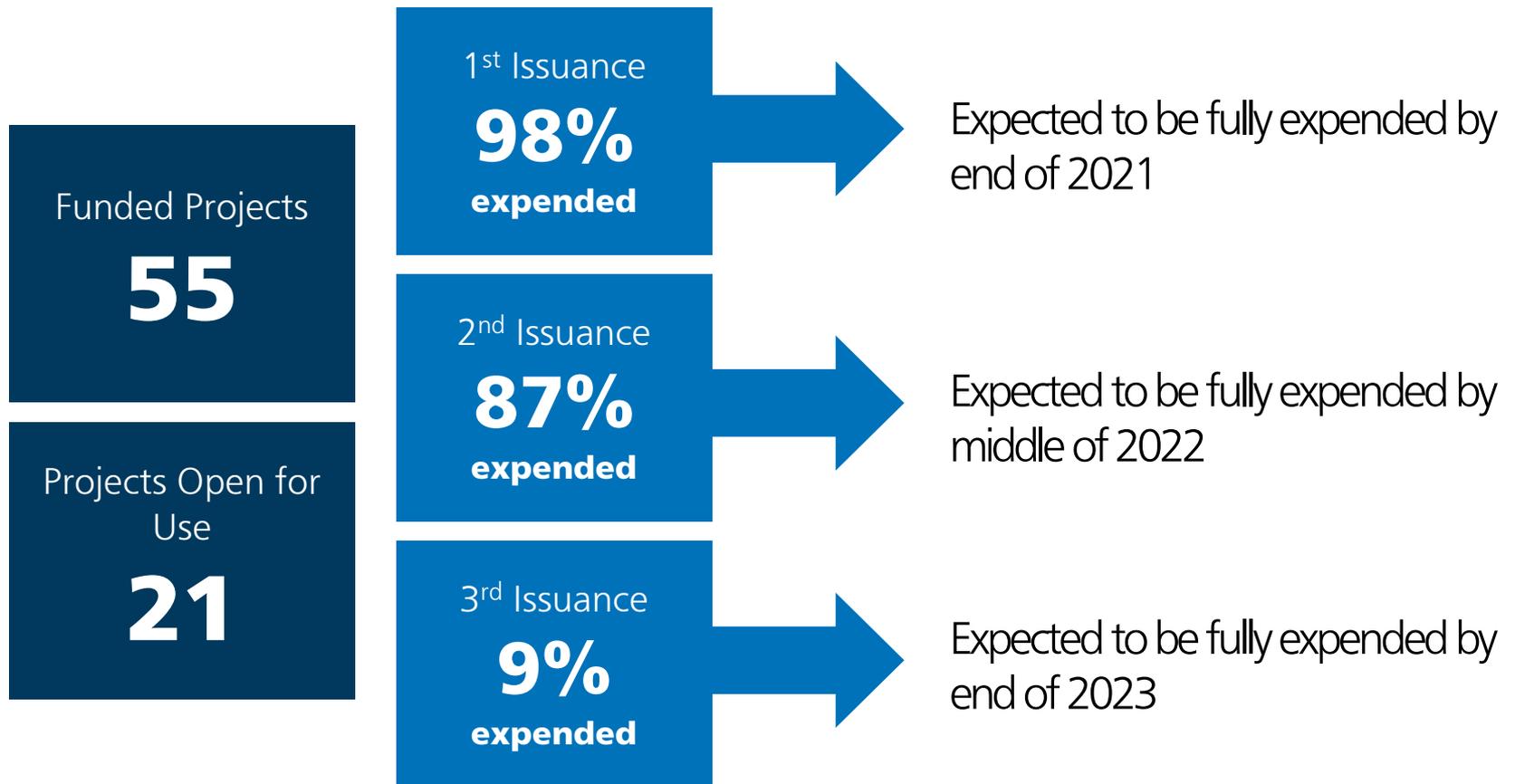
Reference: [Transportation 2030 Report](#)

Reference: [Transportation 2045 Report](#)

## 2014 Transportation Bond



Performance and project delivery have been improving throughout the Bond based on lessons learned.





# L Taraval

West of Sunset Blvd segment is nearing completion. Sunset Blvd to West Portal will issue Notice to Proceed this summer. Substantial completion scheduled for Fall 2023.

## Improvements:

- Rail track overhead line replacement
- Water and sewer line replacement
- Surface repaving
- Curb ramp upgrades
- Concrete boarding islands and pedestrian bulbs
- Traffic signals
- New trees and landscaping





# 22 Fillmore (16<sup>th</sup> Street)

East of Potrero segment complete,  
22 Bus now operating to Mission Bay.  
Construction west of Potrero to begin in  
early 2022.

### Key Highlights:

- Transit Only Lanes
- Accessible Pedestrian Signals and Visible Crosswalks
- New Bus Shelters and Boarding Islands
- Bus Bulbs for Easier/Safer Boarding
- Bus Priority Traffic Signals
- New Trees and Streetscape Improvements



## 2014 Transportation Bond Successes

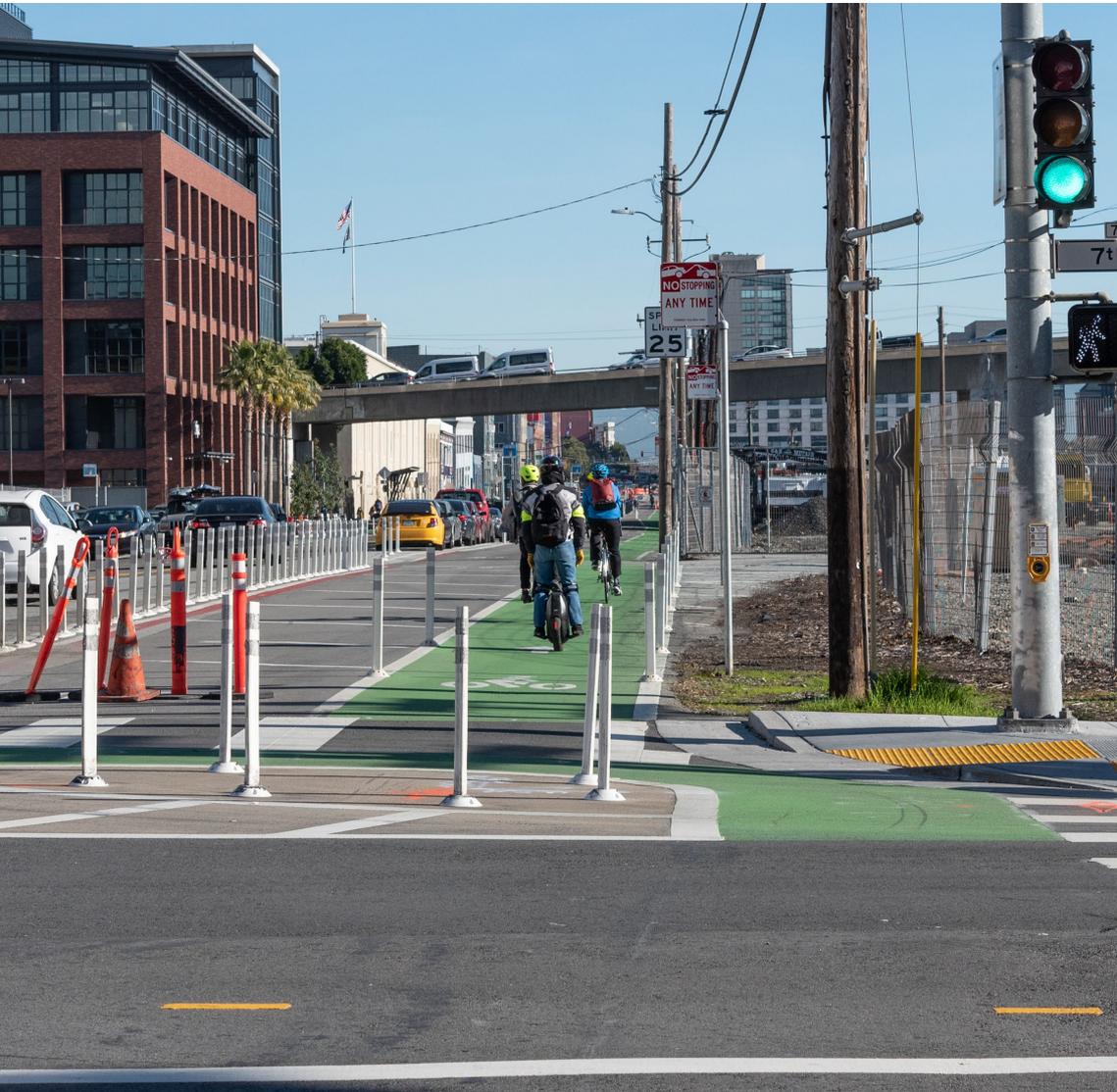


## 28 19<sup>th</sup> Avenue

Construction is split into four segments. Currently working on the first segment from Lincoln to Noriega: contractors currently focused on sewer and water utility work. The next segment, from Noriega to Taraval, is estimated to start late summer/early fall.

### Key Highlights:

- Transit priority and pedestrian safety improvements
- New transit bulbs at 13 intersections
- New pedestrian bulbs at 19 intersections



# 7th & 8th St South of Folsom Streetscape

Bicycle and pedestrian improvements along 7th and 8th Streets between Harrison Street and Market Street:

- Aligned with the Eastern Neighborhoods Transportation Implementation Planning Study
- Includes a new concrete buffered bike lane, concrete boarding islands, sidewalk bulbs
- New striping and safe hit posts



# Safer Streets

Pedestrian Countdown Signals (PCS) added to 15 High Injury Corridors. Installation of audible pedestrian signals at 12 intersections on Potrero Avenue between 17th Street and 25th Street.

- New or improved signals at more than 28 high-injury network intersections
- Curb bulbs at 19 high-injury network intersections
- Construction of Geary Boulevard Pedestrian Improvements
- Additional pedestrian safety improvements coordinated with Muni Forward





# 2022 Muni Reliability and Street Safety Improvement Bond

## 2022 Muni Reliability and Street Safety Improvement Bond



Launched in 2021, **Transportation 2050** updates the previous two transportation task forces and has affirmed the integral role that the City's General Obligation Bond Program plays in meeting the transportation needs of San Francisco.



2021

\$400 M

Over 10  
Years



Funds to support **state of good repair of facilities, rail infrastructure, train control system, traffic signals, pedestrian and bicycle infrastructure** on key corridors, and **efforts to reduce speed** to support vision zero.

Reference: [Transportation 2030 Report](#)

Reference: [Transportation 2045 Report](#)



# What does this GO Bond mean for you?



### EQUITY

- Affordable travel options
- Improved safety and health in underserved neighborhoods by reducing carbon emissions, slowing vehicle speeds, and dramatically improving bicycle and pedestrian infrastructure
- Increased access to good local jobs with reduced travel times
- Enhanced public transit service in underserved neighborhoods



### FAST AND CONVENIENT TRANSIT

- Faster, more convenient public transit connections to destinations across the city and to regional public transit
- Less waiting for the train or bus and fewer delays when you're on board
- A more comfortable public transit ride, with less crowding



### MORE REPAIRS AND MAINTENANCE

- Safer intersections with more visible signals for people driving
- Easier street crossings with new curb ramps and pedestrian countdown signals
- More reliable transit service using infrastructure and systems that are in good repair



### IMPROVING SAFETY AND ACCESS

- Intersection improvements that increase accessibility for people with disabilities
- Improved loading access for business and residences
- Fewer collisions, fatalities, and injuries on our streets

## 2022 Muni Reliability and Street Safety Improvement Bond



COMPONENT	BUDGET
<b>Make the Transportation System Work Better</b>	
<i>Speed up Muni repairs and keep public transit moving by repairing, upgrading and maintaining aging facilities and equipment</i>	\$250 M
<i>Enable faster, more reliable and more frequent Muni service by improving transit infrastructure</i>	\$32 M
<i>Increase subway capacity, reduce delays and deliver dependable, high-frequency transit by modernizing the Muni train control system</i>	\$32 M
<b>Improve Street Safety and Traffic Flow</b>	
<i>Improve safety and visibility at intersections</i>	\$32 M
<i>Strengthen walking, bicycling, and Muni connections along major corridors by redesigning streets and sidewalks</i>	\$32 M
<i>Slow speeds and reduce crashes by implementing proven traffic calming and speed reduction tools</i>	\$22 M
<b>TOTAL</b>	<b>\$400 M</b>

## 2022 Muni Reliability and Street Safety Improvement Bond



### Make the Transportation System Work Better **Repair, upgrade, and maintain aging facilities and equipment**

#### Program Summary

To speed up Muni repairs and maintenance and keep public transit moving, we will repair, renovate, and modernize SFMTA bus yards, facilities, and equipment through the agency's Building Progress program.

#### Project Prioritization Criteria

Equity

Access

Safety

# \$250M

#### Why is this program important?

Efficient and timely repairs to buses and trains increases Muni's reliability and saves the SFMTA money.

Larger yards provide needed space for a growing Muni fleet.

Improved working conditions for frontline staff give them modern tools and space to efficiently do their jobs in earthquake-ready facilities.

SFMTA is working towards a 100% zero-emission fleet as part of its leadership in confronting climate change. Renovated yards will support the electric vehicle charging infrastructure needed to achieve a zero-emissions fleet.

## 2022 Muni Reliability and Street Safety Improvement Bond



### Make the Transportation System Work Better Muni Network Improvements

#### Program Summary

Muni Network Improvements consist of smart traffic signals, wider sidewalks and bus bulbs, and dedicated transit lanes to reduce travel times and keep buses and rail moving.

#### Project Prioritization Criteria

Ridership

Service Frequency

Equity

Network Connectivity

**\$32M**

#### Why is this program important?

Improvements will go to routes that carry 80% of Muni riders including passengers who depend most on public transportation.

Improvements will go to routes that have shown crowding during peak hours in winter of 2020.

Transit priority improvements have demonstrated 10-25% travel time savings in past projects. Collectively, these improvements support a more reliable bus and rail network.

Freeing buses from traffic allows Muni to serve more people with less resources. These savings can be reinvested in the system.



### Make the Transportation System Work Better **Muni Rail Modernization, primarily upgrading the train control system.**

#### Program Summary

Modernize systems that are key for operating the transit system. Replacing the aging train control system, wayside signals, switch machines, and supporting guideway infrastructure.

#### Project Prioritization Criteria

Ridership

Service Frequency

Equity

Network Connectivity

# \$32M

#### Why is this program important?

Modernized train management leads to more efficient operations and reduces bunches and gaps between trains.

New train communications systems allows for longer trains, reduced crowding, and capacity for future growth.

The current aging train control system is frequently responsible for slowdowns in the Market Street Subway, upgrading this system would make the schedule more dependable and travel times more consistent.

The new train control system will complement Muni's new light rail fleet to optimize the riding experience for Muni patrons.

## 2022 Muni Reliability and Street Safety Improvement Bond



### Improve Street Safety and Traffic Flow Traffic Signal and Street Crossing Improvements in Equity Neighborhoods

#### Program Summary

Traffic signal upgrades improve safety and visibility at intersections and other places where people may be crossing the street.

#### Project Prioritization Criteria

Equity

Collision History

Traffic Volumes

Multiple Mode Benefits

# \$32M

#### Why is this program important?

Signal upgrades make intersections work for everyone, especially people with disabilities and other vulnerable road users.

Improvements will be made on the High Injury Network where a preponderance of traffic deaths and severe injuries are concentrated. Streets in historically disadvantaged communities are almost twice as likely to be on the High Injury Network.

## 2022 Muni Reliability and Street Safety Improvement Bond



### Improve Street Safety and Traffic Flow On-Street Improvements

#### Program Summary

Redesigning major corridors of the public right of way enhances the quality and use of public spaces, improves safety for all street users, improves Muni access and service, and fixes critical aging transportation infrastructure.

#### Project Prioritization Criteria

Collision History

Equity Neighborhoods

Nearby Destinations

Community Requests

**\$32M**

#### Why is this program important?

This program will focus on quality-of-life improvements along key corridors by providing a better experience for residents, visitors, and workers who bike, walk, and take transit.

The program builds on near-term improvements designed to address collision and fatality trends to transform corridor street design and make safety improvement more permanent.

Multimodal enhancements will support increased housing density, affordability, and mobility.

Corridor improvements to support existing and new investment in commercial corridors.

## 2022 Muni Reliability and Street Safety Improvement Bond



### Improve Street Safety and Traffic Flow Speed Management Program

#### Program Summary

Implement proven interventions to slow motor vehicle speeds and improve safety, such as application-based residential traffic calming, lowered speed limits along neighborhood corridors, and speed radar signs to improve driver awareness.

#### Project Prioritization Criteria

Collision History

Equity Neighborhoods

Nearby Destinations

Community Requests

**\$22M**

#### Why is this program important?

Every year in San Francisco, about 30 people lose their lives and over 500 more are seriously injured while traveling on city streets.

The higher the speed of a crash, the higher the chances are that someone will be killed or seriously injured.

This program invests in street design that supports slower speeds to protect lives.

# Questions?

