



SFMTA

2021 SFMTA 20-Year Capital Plan

Board of Directors

November 16, 2021

Overview

- Purpose of the Capital Plan
- Identifying Capital Needs
- Assessing Capital Needs
- Developing Capital Investment Packages
- Using the Capital Plan
- Recommend that SFMTA Board approve the 2021 SFMTA 20-Year Capital Plan

Overview of 20-Year Capital Plan



Strategic Plan

- Values for the Transportation System
- Agency Values define our investments

Capital Plan

- 20-year horizon
- Funding not committed
- Broadly-defined investments with description, timeframe, & cost estimate

Capital Improvement Program

- 5-year horizon
- At least 90% funding committed
- Specific projects with defined scope, schedule, & budget

Purpose of the Capital Plan

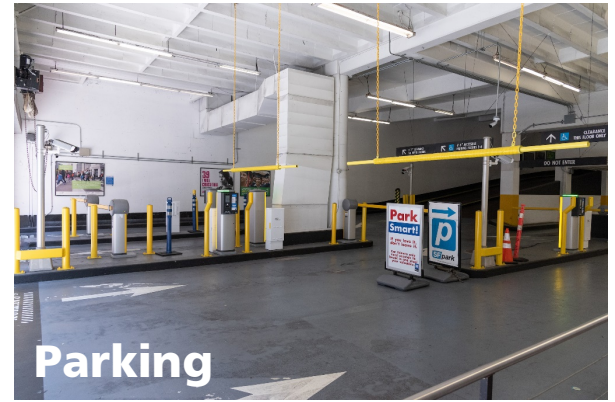
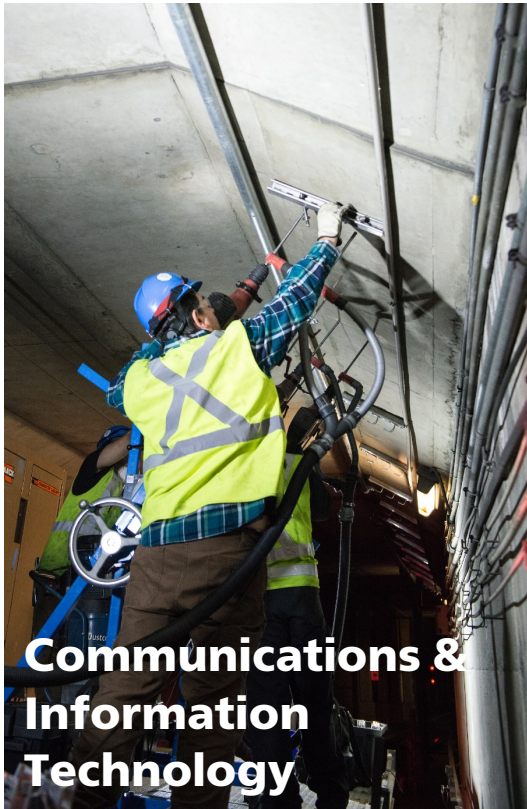
1. Provide a pathway to meet our strategic goals
2. Inform local and regional plans
3. Help coordinate the implementation of SFMTA plans, programs and strategies
4. Inform development of the 5-year CIP
5. Create accountability and build trust

Inputs and Outputs of the Capital Plan



Capital Programs

Capital Plan is comprised of 10 Capital Programs.



Capital Programs, cont.



Streets



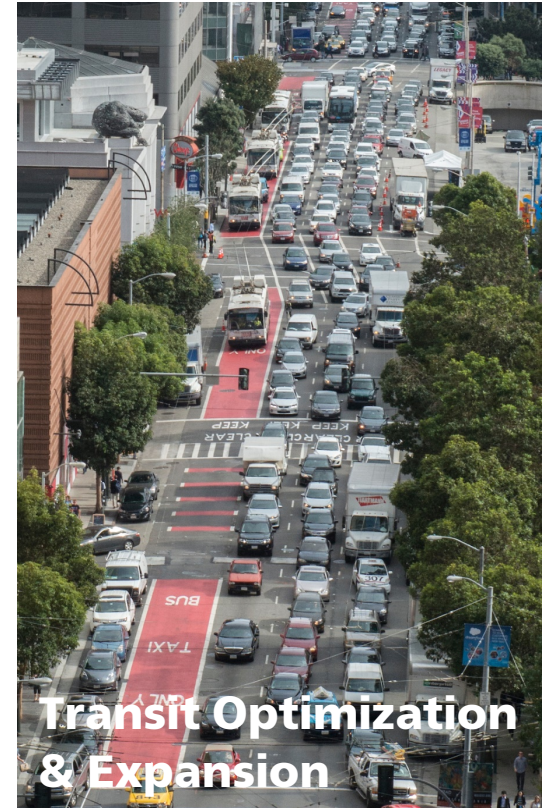
Traffic Signals & Signs



Taxi



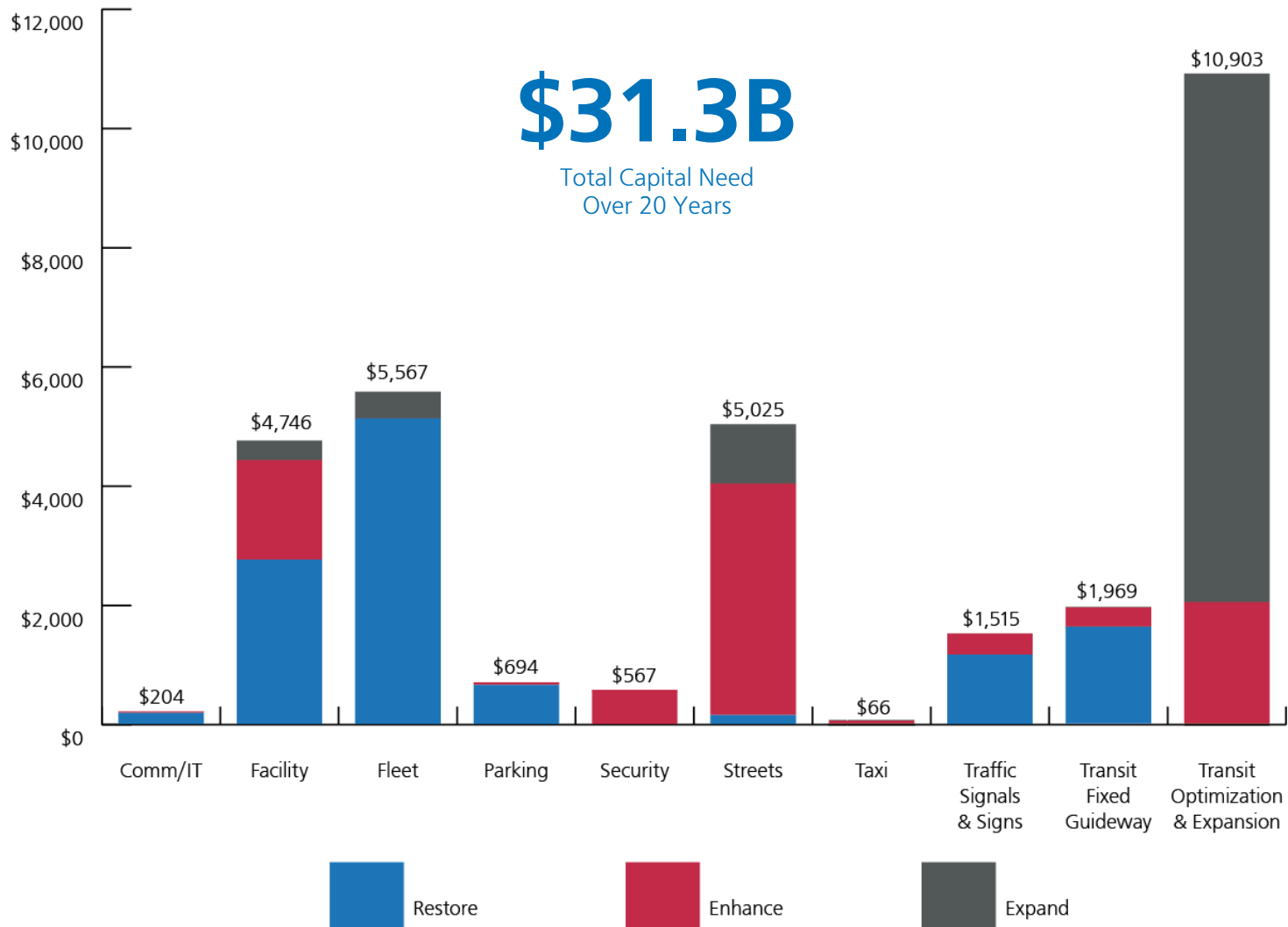
Transit Fixed Guideway



Transit Optimization & Expansion

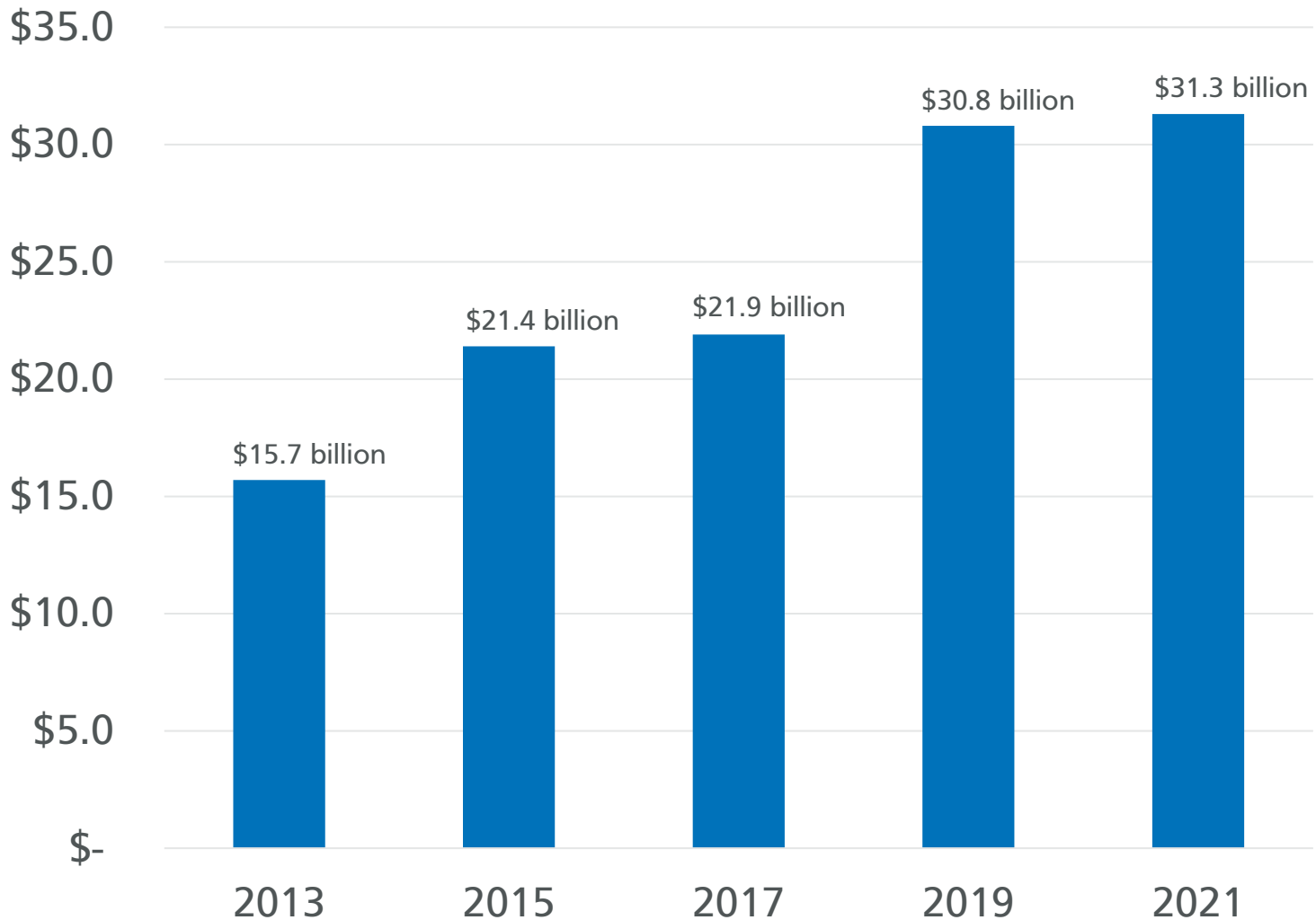
Capital Needs by Capital Program

(In \$ Millions)

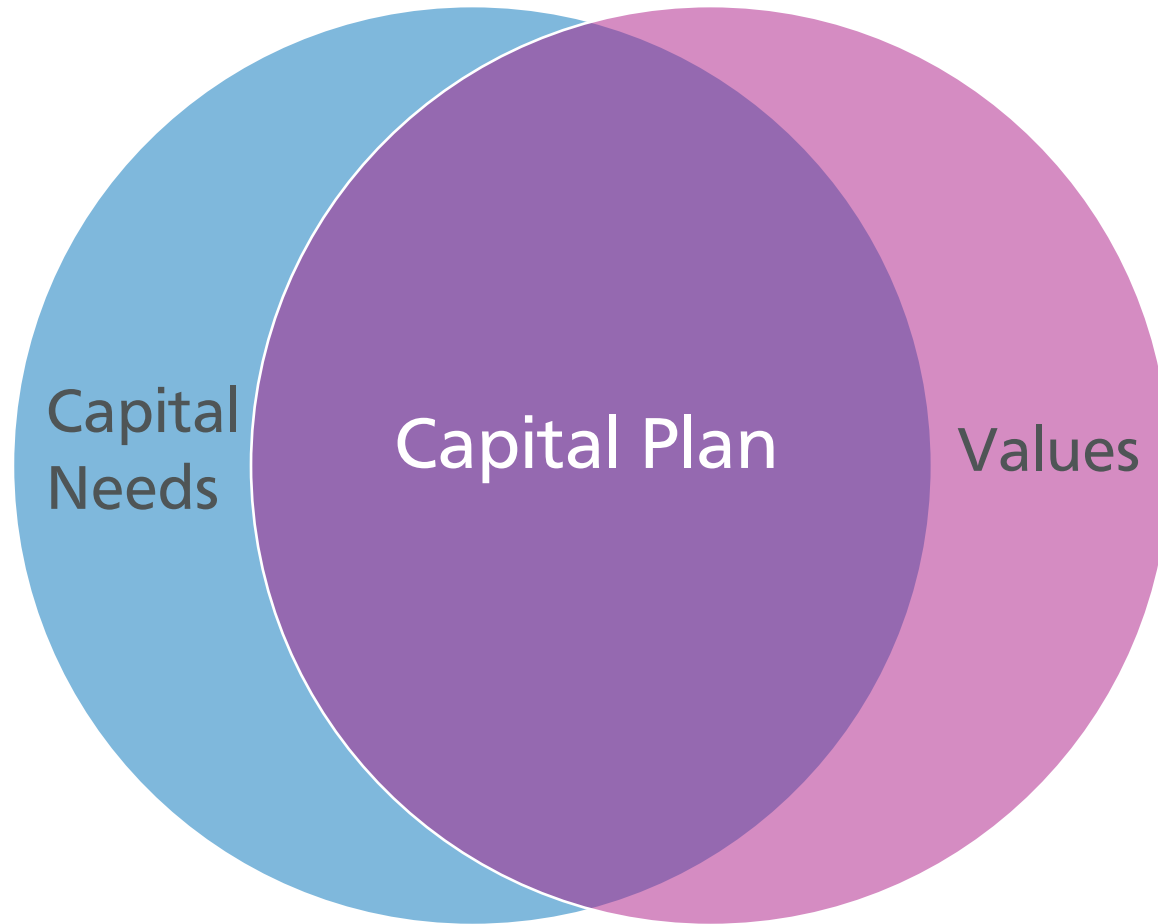


Capital Need Total by Year

(in billions for corresponding year)



The Capital Plan is where our capital needs meet our values.



Values for the Transportation System



EQUITY



ACCESSIBILITY



SAFETY



INCLUSIVITY



ECONOMIC VITALITY



SERVICE QUALITY



RESILIENCY



ENVIRONMENTAL STEWARDSHIP



LIVABILITY



CLIMATE ACTION



TRUST



ACCOUNTABILITY



TRANSPARENCY

Capital Needs Assessment Sample "Heat Map"

Legend | ■ Primary impact toward advancing the Value for the Transportation System | ■ Secondary impact toward advancing the Value for the Transportation System | ■ Little to no impact toward advancing the Value for the Transportation System

Capital Needs Assessment Matrix

Capital Need Information			Equity				Economic Vitality			Environmental Stewardship			Trust		
CN #	Program	Name	Equity	Accessibility	Safety	Inclusivity	Economic Vitality	Service Quality	Resiliency	Environmental Stewardship	Livability	Climate Action	Trust	Accountability	Transparency
CN-C101	Comm/IT	State of Good Repair of Management Info Systems (MIS), Information Technology (IT), and Network Systems	Progress toward racial and social equity for historically marginalized communities	Improvements to access for people with disabilities	Transit system safety, Security Secondary: Street safety	Improvements to community engagement capabilities	Transit reliability and ridership	Improvements to user experience and universal design for accessibility, Improvements to transit delivery and performance	Reliability and durability of capital assets	Little to No Impact	Promotion of Transit First	Little to No Impact	Little to No Impact	Employee tools and workplace improvements that aid capital project delivery	Improvements to data tracking, performance monitoring, and decision-making
CN-C103	Comm/IT	Disaster Recover/Continuity plan	Little to No Impact	Little to No Impact	Transit system safety, Workplace safety, Security	Little to No Impact	Transit reliability and ridership	Improvements to transit delivery and performance Secondary Impact: Improvements to user experience and universal design for accessibility	Reliability and durability of capital assets	Little to No Impact	Little to No Impact	Little to No Impact	Little to No Impact	Employee tools and workplace improvements that aid capital project delivery	Improvements to data tracking, performance monitoring, and decision-making
CN-C106	Comm/IT	Phase 2 Radio Project – platform consolidation	Progress toward racial and social equity for historically marginalized communities	Improvements to access for people with disabilities	Transit system safety, security	Little to No Impact	Transit reliability and ridership	Improvements to transit delivery and performance Secondary Impact: Improvements to user experience and universal design for accessibility	Reliability and durability of capital assets	Little to No Impact	Promotion of Transit First	Little to No Impact	Little to No Impact	Little to No Impact	Improvements to data tracking, performance monitoring, and decision-making
CN-C107	Comm/IT	Customer Service Platform Project	Progress toward racial and social equity for historically marginalized communities	Improvements to access for people with disabilities	Street safety, Transit system safety	Improvements to public outreach capabilities Secondary Impact: Improvements to community engagement capabilities	Active transportation mode share Secondary: Transit reliability and ridership, Curb productivity and parking occupancy and turnover, Taxi trips	Improvements to user experience and universal design for accessibility Secondary Impact: Improvements to transit delivery and performance	Little to No Impact	Little to No Impact	Promotion of Transit First	Little to No Impact	Little to No Impact	Little to No Impact	Improvements to data tracking, performance monitoring, and decision-making

Five Capital Investment Packages



MAKE THE TRANSPORTATION SYSTEM WORK

- FACILITIES MODERNIZATION
- TRANSIT MODERNIZATION
- SYSTEM ELECTRIFICATION
- WALKING AND BIKING NETWORK



MAKE STREETS SAFER



MAKE THE TRANSPORTATION SYSTEM UNIVERSALLY ACCESSIBLE

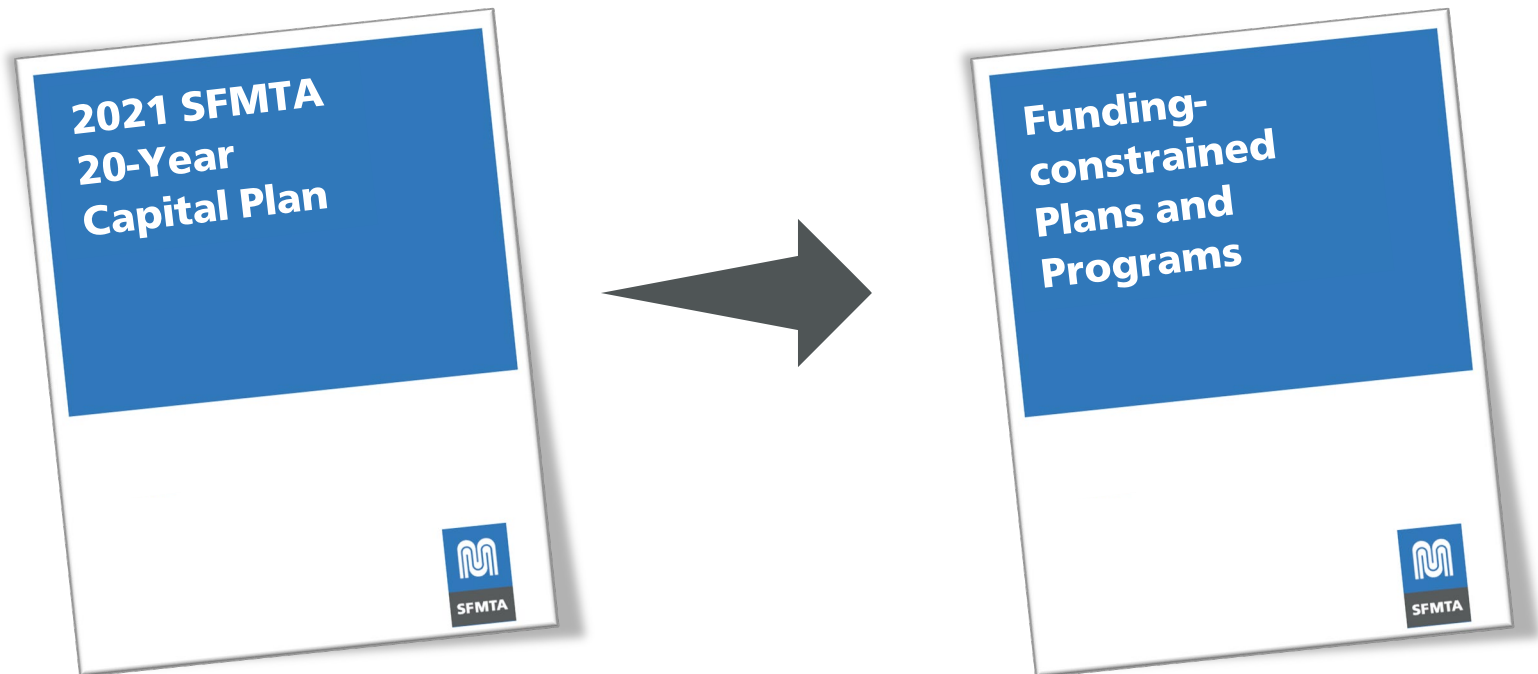


RENEW AND MODERNIZE THE RAIL SYSTEM



BUILD THE FIVE-MINUTE NETWORK AND EXPAND THE RAIL NETWORK

The Capital Plan informs funding-constrained plans and programs.



Outreach and Engagement

Capital Plan
Technical
Advisory
Committee

Capital Program
Managers

Subject Matter
Experts

Transportation
Capital
Committee

Executive Team

Citizens' Advisory
Council

Policy and
Governance
Committee

Equity-focused
Community
Groups

Transportation
Advocacy Groups

Recommendation to approve 2021 SFMTA 20-Year Capital Plan

