

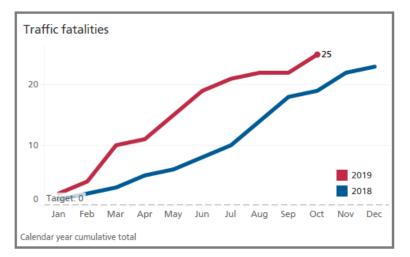
Strategic Plan Progress Update

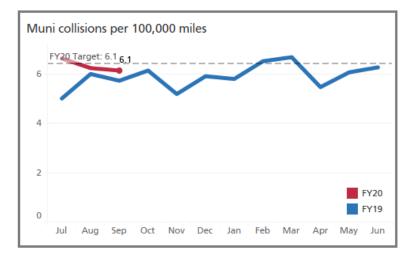
Performance and Governance Committee Meeting SFMTA Board of Directors November 26, 2019

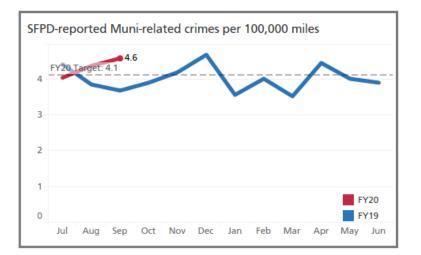


Goal 1: Create a safer transportation experience for everyone.

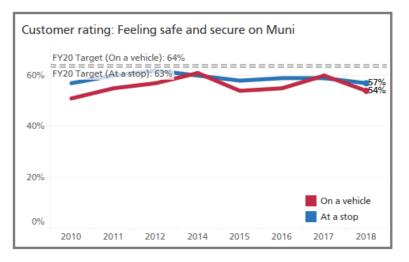
Objective 1.1: Achieve Vision Zero by eliminating all traffic deaths. Objective 1.2: Improve the safety of the transit system. Objective 1.3: Improve security for transportation system users.







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Quick-Build Initiative for Vision Zero Project Delivery

Jennifer Wong & Samantha Serafica Policy and Governance Committee (PAG) November 26, 2019

Strategic Plan Action Update

Goal 1 Create a safer transportation experience for everyone.

Objective 1.1 Achieve Vision Zero by eliminating all traffic deaths.

Action 1.1.5 Reduce delivery timelines of projects on five high-priority corridors.

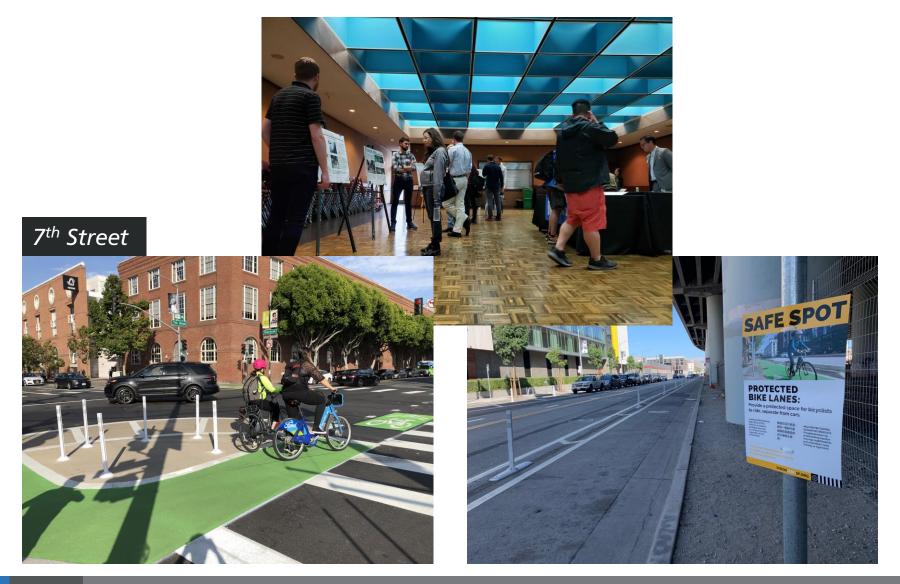


Timeline

- June 4, 2019 SFMTA Board Meeting approves transportation code amendments to support quickbuild safety projects
- 2019 Construct 10 committed quick-build projects
- 2020 Construct 5 new committed quick-build projects
- June 2021 24 month evaluation period concludes and report back



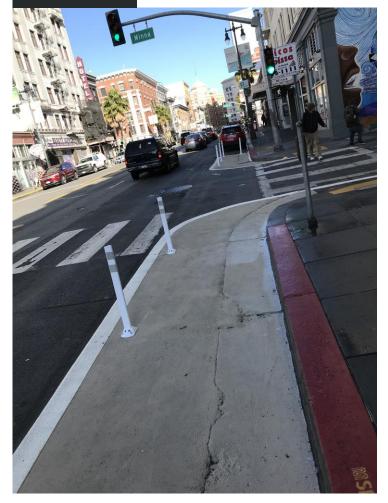
Recent Accomplishments





Recent Accomplishments

6th Street



Taylor Street



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Challenges & Opportunities

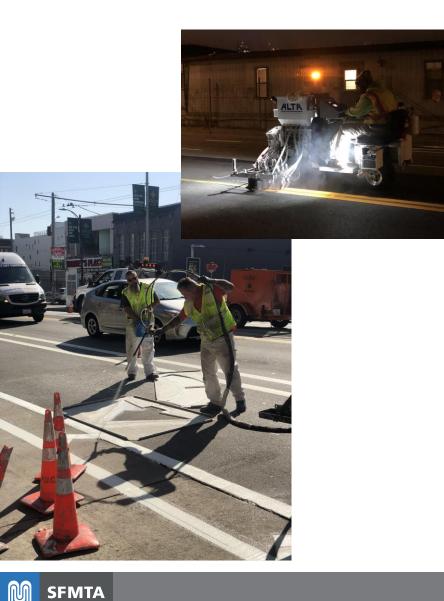
- Encouraging public engagement with quick-build projects
- Resourcing and prioritization across intra- and inter-agency departments
- May need additional transportation code amendments to cover comprehensive scope of projects







What's Next?



Soon to be legislated:

- 7th Street
- Howard Street
- Active Beale Street

Construction in progress or preparation:

- 5th Street
- California Street
- Mission-Excelsior
- Market Street

Planning in process:

- Valencia Street
- The Embarcadero
- Golden Gate Avenue
- Leavenworth Street

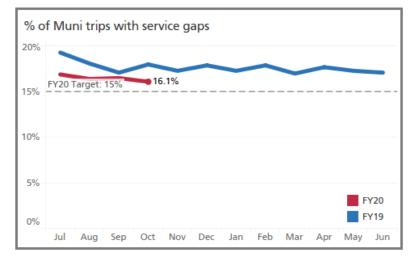


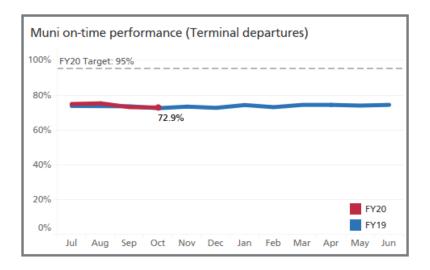
Goal 2: Make transit and other sustainable modes of transportation the most attractive and preferred means of travel.

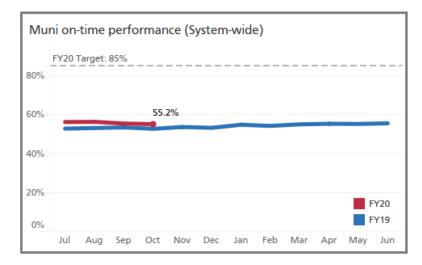
Objective 2.1: Improve transit service.

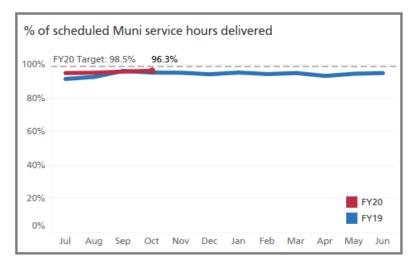
Objective 2.2: Enhance and expand use of the city's sustainable modes of transportation.

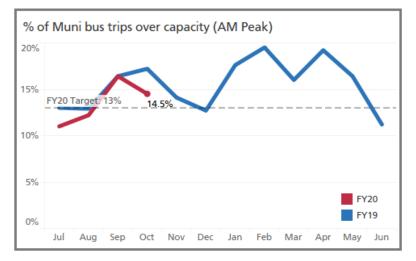
Objective 2.3: Manage congestion and parking demand to support the Transit First Policy.

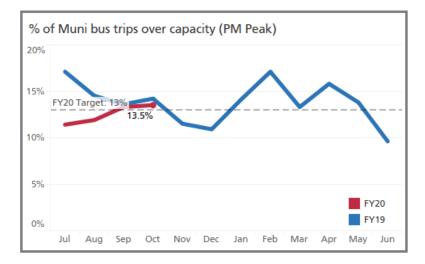


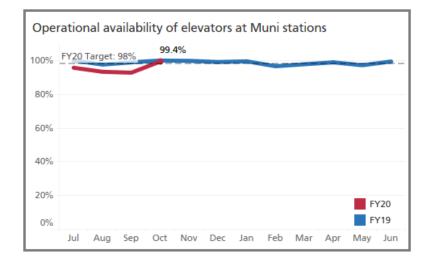


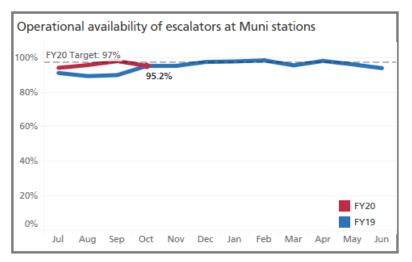


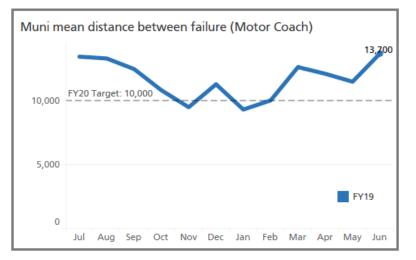




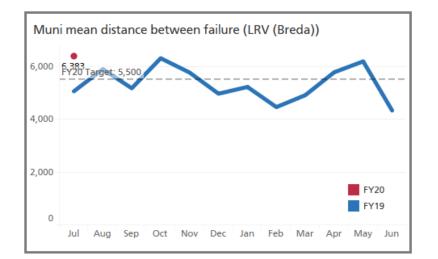


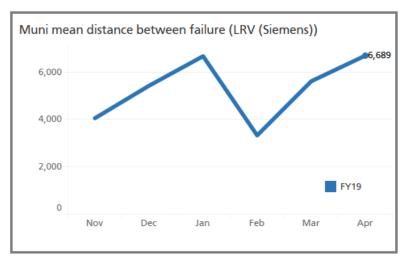




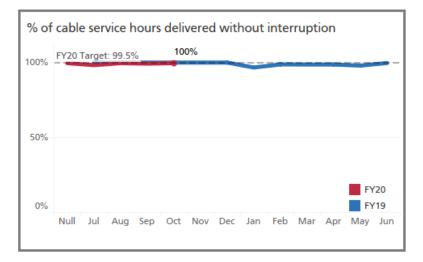


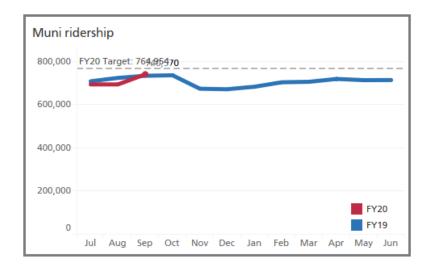


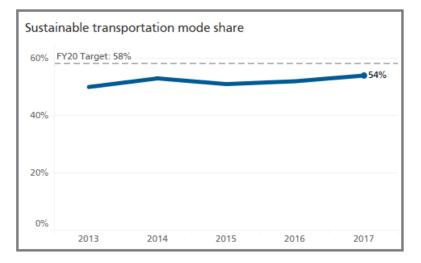




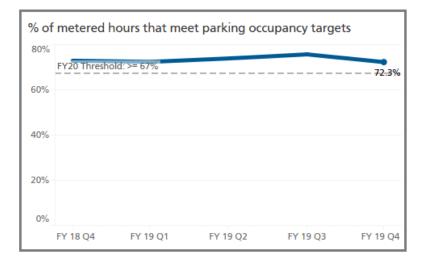












Metrics under development:

In support of Objective 2.2:

- Average weekday bicycle trips
- Average weekday taxi trips

In support of Objective 2.3:

• Muni average travel time on key transit segments



Action 2.2.6: Develop and implement a Muni marketing campaign to increase ridership and improve public perception of Muni

Jeanne Brophy

SFMTA Communications Division

Action 2.2.6 Develop and implement a Muni marketing campaign to increase ridership and improve public perception of Muni

Further exploration of research data sets from conducted surveys revealed an opportunity to engage a wider "new rider" population that is likely to adopt ridership if focused on an experienced-based persona profile.

Campaign Goals:

- Increase Muni ridership among a targeted population of San Francisco residents.
- Increase awareness and consideration of the advantages of riding Muni through trial based adoption based on experience-based options of viable transit options for transportation decisions throughout the City of San Francisco.



Action 2.2.6 Develop and implement a Muni marketing campaign to increase ridership and improve public perception of Muni

Established Four Key Experience Personas:

- <u>Event</u>: taking Muni to Chase/Warriors/Concerts
- <u>Cultural/Social</u>: neighborhood visits for shopping, dining, museums, parks etc.
- <u>Commute</u>: travelling to work and school
- <u>Visitor/Tourism</u>: travel by regional, domestic and international visitors



Action 2.2.6 Develop and implement a Muni marketing campaign to increase ridership and improve public perception of Muni

Directly message via mobile device individuals who attended a Warriors game last season.

Tactic #1 - Using a geo-frame technology allowing for the ability to look back in time to gather mobile device IDs from a specific location (Oracle Arena) and re-target with new mobile ad creative

Tactic #2 - Using behavioral-targeting technology to target fans of the NBA, and the Golden State Warriors, along with those with an interest in sports. (via webpages that are visited, the searches conducted, etc.)

Tactic #3 - Broader reach where mobile ads delivered to mobile devices that have downloaded Ticketmaster, Live Nation and other ticket purchasing apps.





MUNI'S GOT GAME.

Ride **FREE** to all Warriors games. Your ticket's your fare. Muni—it's a slam dunk.

*Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.



Muni moves you.





MUNI ASSIST.

Ride **FREE** to Chase Center. Muni and the Warriors a winning team.

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Muni moves you.





MUNI FASTBREAK.

Ride **FREE** to the Warriors. Don't get blocked in the lane take Muni to the game.

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Muni moves you.





Promotional Lapel Pin

 Ambassador/Station Agent Deployed during first two Warrior home games at Chase Center Arena



Animated Digital Ad







Curb Management Strategy

Policy and Governance Committee SFMTA Board of Directors November 26, 2019

Curb management has always been a challenge in San Francisco





Many users competing for curb space









Existing and new curb uses are growing and expanding







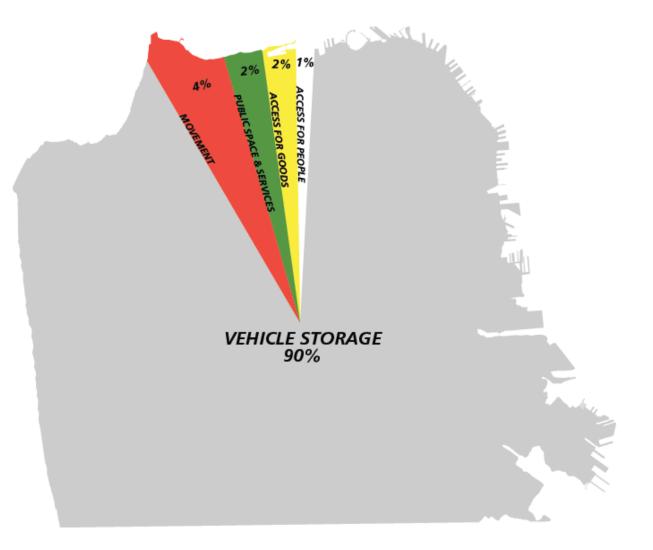
Lack of loading space creates safety hazards, transit delay







Limitations of existing strategies

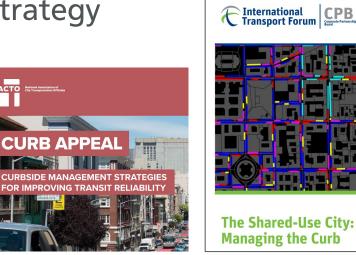




Curb Management Team

Curb Management Strategy

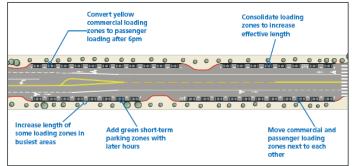
NACTO



HOW WE USE THE STREET FLEX ZONI FLEX ZONE

The Shared-Use City: Managing the Curb

Location-based curb management planning





Curb Management Strategy

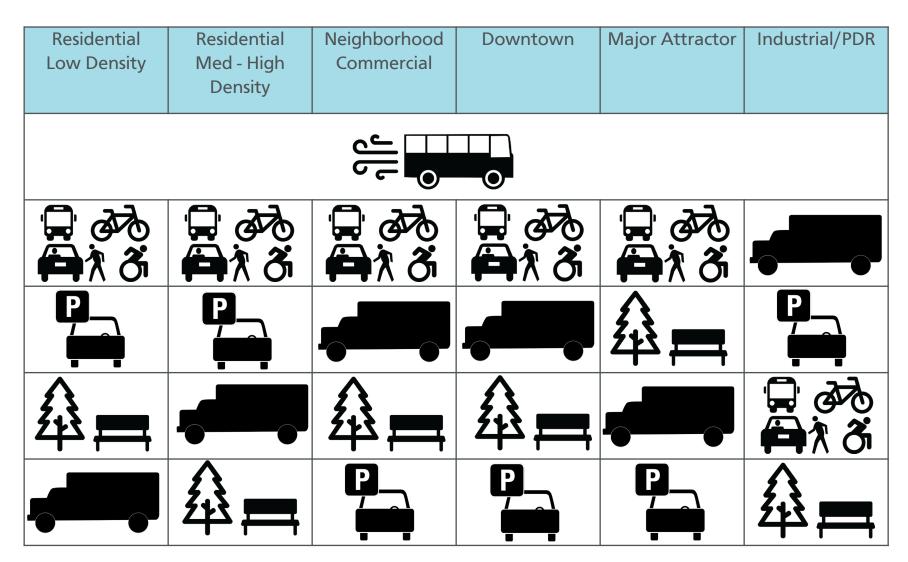
- Policy document governing curb allocation. Recommends:
 - New tools
 - Policies
 - Legislative changes
 - Process improvements
- Holistic, proactive approach for curb allocation
- Design guidelines
- Support other city goals



Curb Management Framework: Curb access functions



Curb priority by land use



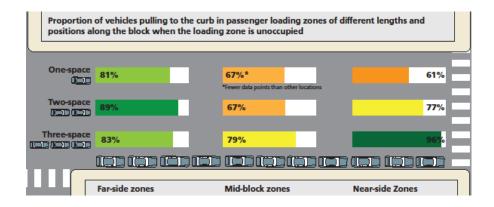
Advance a holistic planning approach

- Supplement the request-based Color Curb Program with proactive curb space allocation
- Simplify loading zone hours & days of enforcement
- Revise Color Curb Program charges and cost recovery requirement



Accommodate growing loading needs

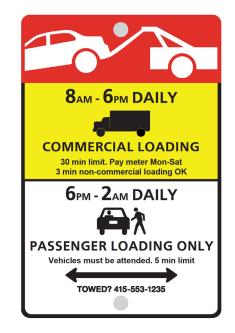
- Right size loading zones according to context
- Extend hours of loading zones
- Improve utility of yellow and green zones





Increase compliance with parking & loading regulations

- Prioritize enforcement of violations that impact safety and accessibility
- Standardize loading signs and clarify where loading is permitted
- Develop public information campaign about loading and street and regulation changes





Improve access to up-to-date data

- Standardize curb data inventory
- Standardize geofencing notification procedures



Rationalize policies towards private users of curb space

- Study pricing to address curb use impacts
- Expand local role in regulation of TNCs





Promote equity and accessibility

- Prioritize accessibility in curb management
- Reduce use of Muni "flag stops" and develop guidelines for when they are permitted



Thank you

Francesca Napolitan & Alex Jonlin Parking & Curb Management



SFMTA

Goal 3: Improve the quality of life and environment in San Francisco and the region.

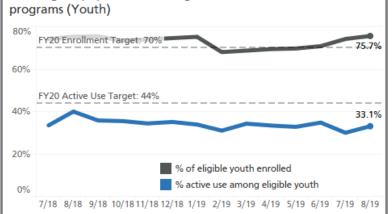
Objective 3.1: Use Agency programs and policies to advance San Francisco's commitment to equity.

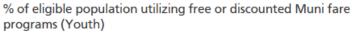
Objective 3.2: Advance policies and decisions in support of sustainable transportation and land use principles.

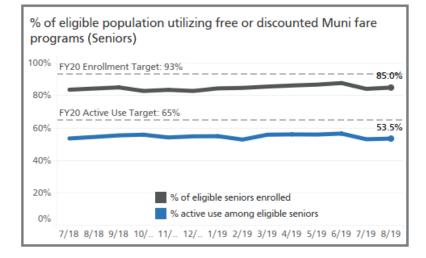
Objective 3.3: Guide emerging mobility services so that they are consistent with sustainable transportation principles.

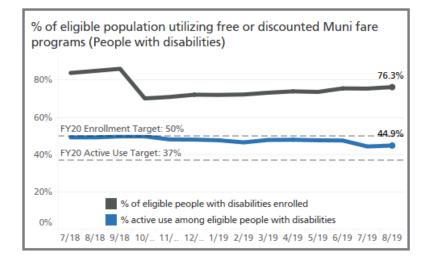
Objective 3.4: Provide environmental stewardship to improve air quality, enhance resource efficiency, and address climate change.

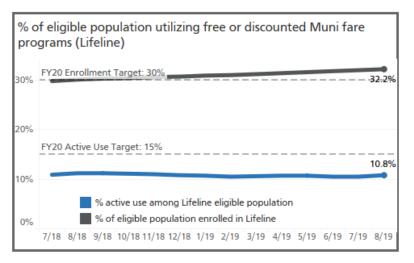
Objective 3.5: Achieve financial stability for the agency.

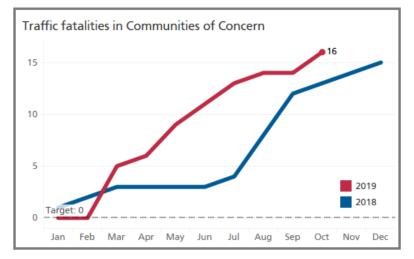


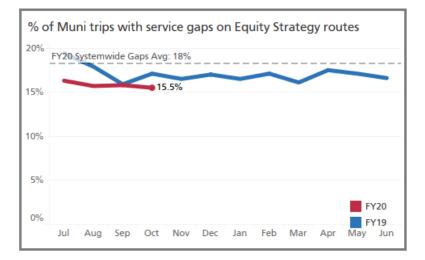


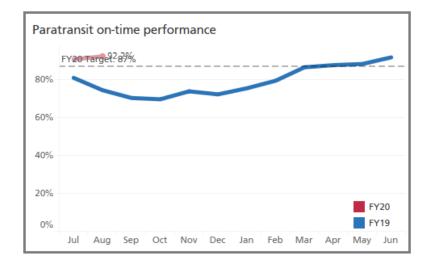






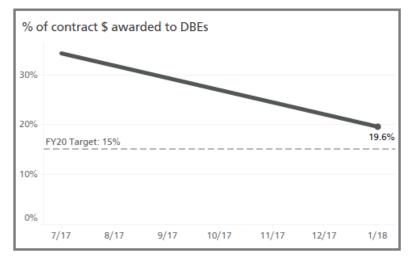


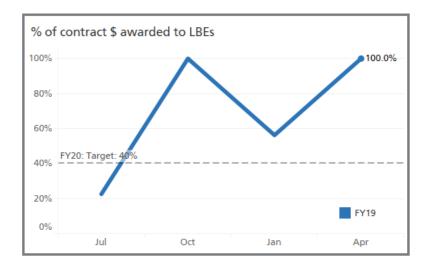


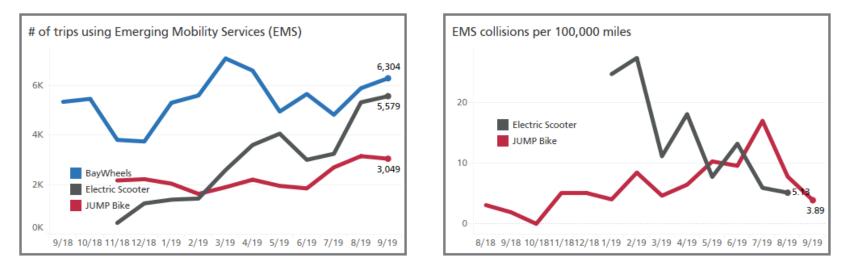




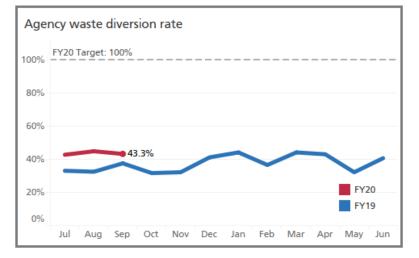
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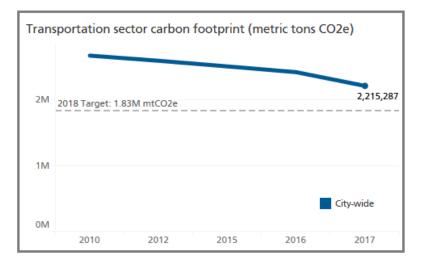


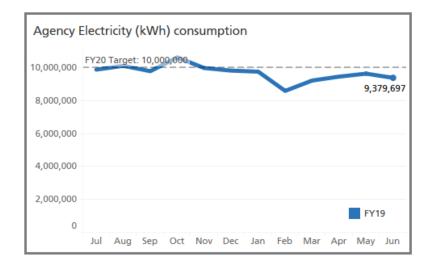


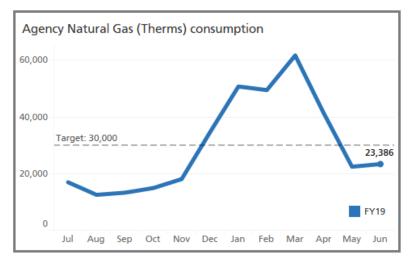


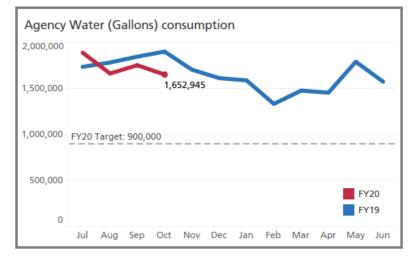
* Lag in EMS Trips and Collsion reporting for September and October due to new Powered Scooter Share permits granted October 15th.

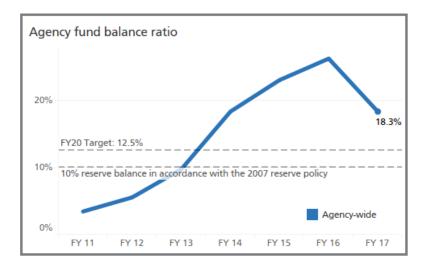


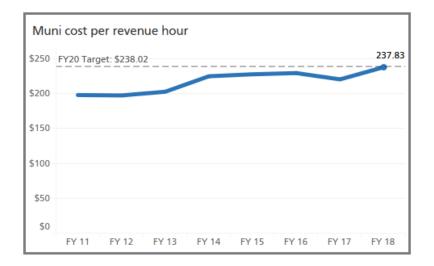


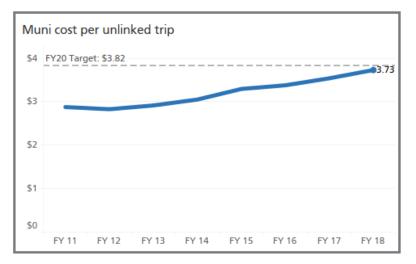


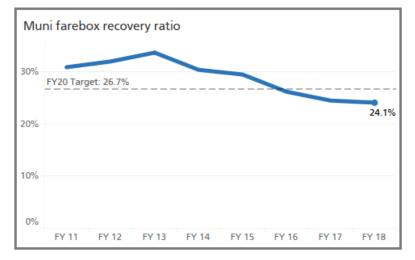


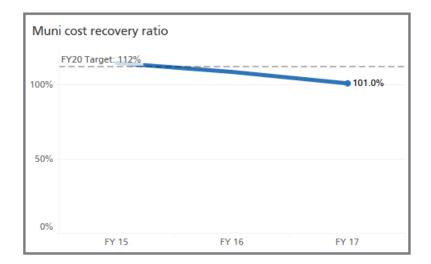












Metrics under development:

In support of Objective 3.2:

• Ratio of parking spaces to units in newly entitled projects

In support of Objective 3.3:

- Percent of EMS trips provided to and from Communities of Concern
- Number of EMS trips provided to people with disabilities

In support of Objective 3.5:

• Year-end investment toward State of Good Repair





Budget, Financial Planning and Analysis

SFMTA Contingency Reserve Policy Proposal

Financial Analysis Office 26 November 2019

SFTMA Contingency Reserve

This presentation is submitted to the SFMTA's Policy & Governance Committee (PAG) by the Financial Analysis Office, on behalf of the CFO, for consideration and feedback. It is accompanied by a more detailed Reserve Policy Memorandum.

Contents:

- The Value of a Contingency Reserve
- II. Current State and Historical Fund Balance
- III. Peer Benchmarking
- IV. Reserve Use Scenarios
- V. Reserve Proposal Key Points and Detail

Contingency Reserve Policy Proposal The Value of a Contingency Reserve

- Provides Financial Security in the Event of Adverse Circumstances:
 - Economic Recession
 - Natural Disaster
- Helps to Maintain or Increase Service During Times of Need:
 - Transit schedules maintained during last recession.
 - Buses and Muni Underground at full service following 1989 earthquake.
- Distributes Periods of Economic Growth:
 - Creates stability for workforce and planners.
 - Saves costs from short-term layoffs and subsequent hiring.



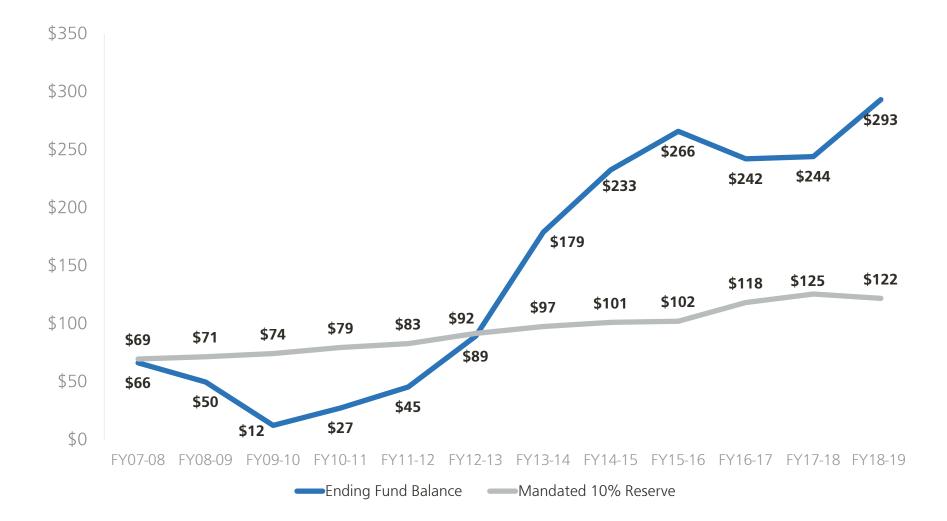
Contingency Reserve Policy Proposal **Current State**

History	• Existing SFMTA Contingency Reserve Policy implemented in 2007.
Funding	 1 percent of each budget placed into the fund annually, plus any end-of-year budget surpluses.
Target	 10 percent of annually budgeted operating expenditures (currently at 17 percent*).
Uses	 Balance the operating budget, one-time capital and non-capital projects.

*Subject to change



Contingency Reserve Policy Proposal Historical Fund Balance





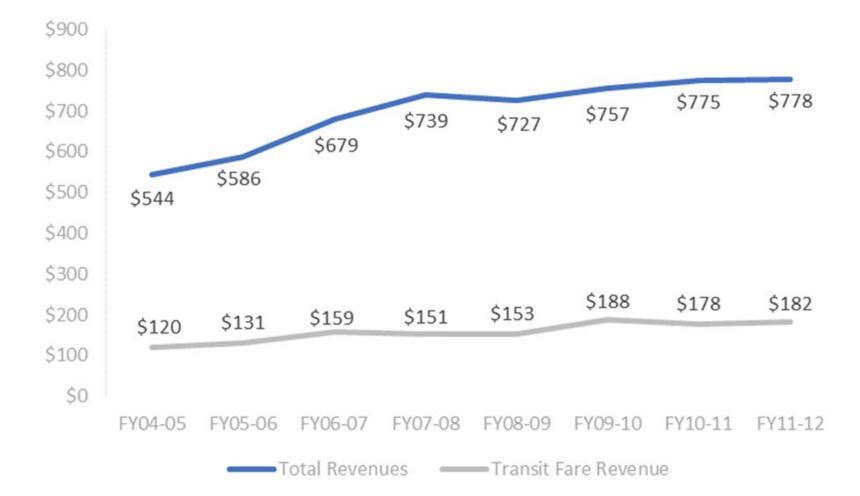
Contingency Reserve Policy Proposal **Peer Benchmarking**

- The median combined reserve rate is 17 percent of annual operating budget.
- Agencies with larger annual budgets and more diverse revenue sources tend to have proportionally lower contingency reserves.

Agency	Combined Reserve	General Reserve	Stabilization Reserve	FY19 Operating Budget (Millions)
ΝΥC ΜΤΑ	1%	N/A	N/A	\$14,000
City and County of San Francisco	10%	~4%	~6%	\$6,000
San Francisco MTA Current	10%	N/A	N/A	\$1,214
San Francisco MTA Proposed	15%	5%	10%	\$1,214
BART	15%	1%	Unclear	\$922
Seattle Sound Transit	17%	N/A	N/A	\$505
Transbay Joint Powers Authority	25%	1%	24%	\$39
Marin Transit	50%	17%	33.30%	\$30



Contingency Reserve Policy Proposal Reserve Use: Recession Scenario





Contingency Reserve Policy Proposal Reserve Use: Earthquake Scenario

- 100+ years since San Francisco experienced a major earthquake.
- The magnitude 6.9 Loma Prieta earthquake of 1989 caused deaths, injuries, and substantial damage to buildings and transportation infrastructure around the San Francisco Bay Area.
- SFMTA operations were only slightly impaired:
 - No SFMTA-related injuries or fatalities.
 - No substantial damage to MTA transit infrastructure.
 - Muni metro lost power for several hours.
 - SFMTA service shut down for 12 hours for inspection.
 - Return to full service the following morning.



Contingency Reserve Policy Proposal **Reserve Proposal Key Points**

Structure	 Divide the Contingency Reserve into Two Separate Reserves: 1) General and 2) Stabilization
Initial Funding	• Use existing fund balance.
Replenishment	• Fund at 2 percent of annually budgeted operating expenditures per year until fully funded.
Authority	 Authorize the DOT to disperse with immediate reporting to MTAB; MTAB approval required for budgeted use.
Access	• Appropriate the General Reserve as an annual project, and appropriate Stabilization Reserve as a continuing project.

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Contingency Reserve Policy Proposal **Reserve Details**

General Reserve

Provide funding for emergencies, as determined by the Director of Transportation.

5 percent of operating expenditures (\$60.2 million based on FY 2020 budget)

Stabilization Reserve

Mitigate the operational impacts of significant revenue decline and economic downturns.

10 percent of operating expenditures (\$120.3 million based on FY 2020 budget)

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Thank You.

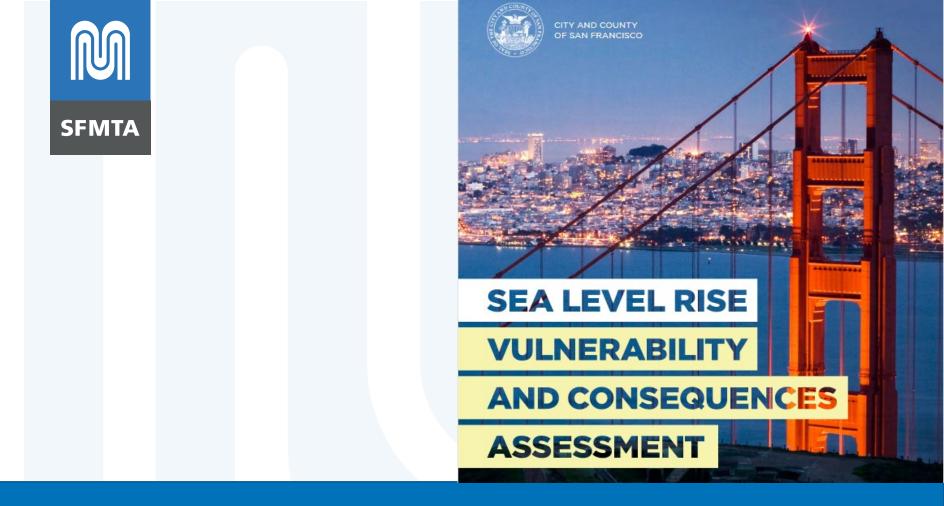


Prepared By:

BFPA, Financial Analysis Office

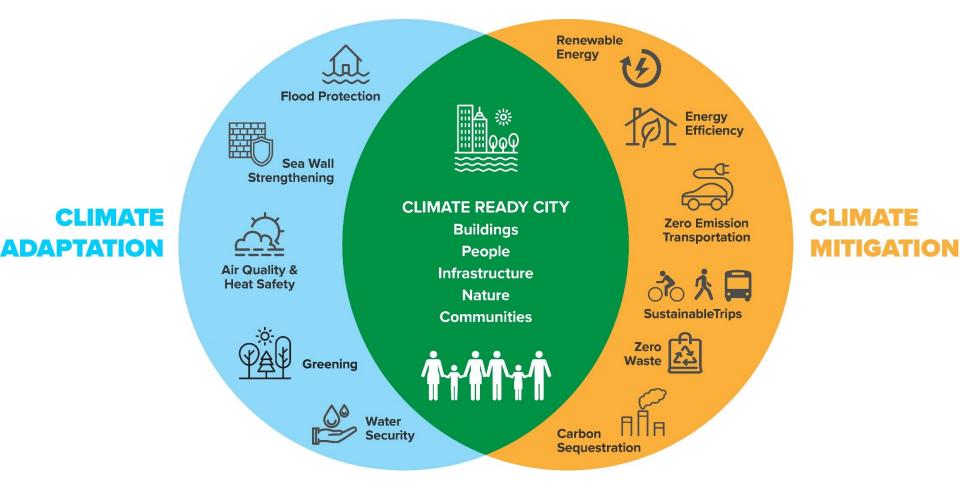
Ben Becker, Financial Analyst Samuel Thomas, Financial Analysis Lead

SFMTA



November 26, 2019 SFMTA Policy and Governance Committee

Climate / Resilience



М SFMTA

Vision



Make San Francisco a more resilient city in the face of immediate and long-term threats of sea level rise to the Bayshore and Pacific Coast, by taking measures to protect and enhance public and private assets, natural resources, and the quality of life for all.

































Adaptation Framework



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2018 State Guidance Update



* The City uses the NRC's (National Research Council) most likely SLR projection of 36" for ongoing planning and development purposes related to environmental review and project approvals. The SLR Action Plan considers adaptive strategies to address the NRC's upper end estimate of 66" of SLR by 2100 in the event that future GHG emissions and land ice melting accelerates beyond current predictions.

NOTE: Storm Surge + King Tides add ~40" to SLR (108" in 2100)

Source: Sea Level Rise for the Coasts of California, Oregon, and Washington: Past, Present, and Future (NRC 2012)

* The City uses the NRC's (National Research Council) most likely SLR projection of 36" for ongoing planning and development purposes related to environmental review and project approvals. The SLR Action Plan considers adaptive strategies to address the NRC's upper end estimate of 66" of SLR by 2100 in the event that future GHG emissions and land ice melting accelerates beyond current predictions.

NOTE: Storm Surge + King Tides add ~40" to SLR (108" in 2100)

Source: Sea Level Rise for the Coasts of California, Oregon, and Washington: Past, Present, and Future (NRC 2012)



Methodology

Exposure



Vulnerability: Sensitivity + Adaptive Capacity



Consequences for People, Economy and Environment









Water



Wastewater



Recreation & Open Space



Power

Waterfront

Development



Public Safety



Port Facilities



Transportation



Sea Level Rise Exposure Zone

[(108 inch scenario)

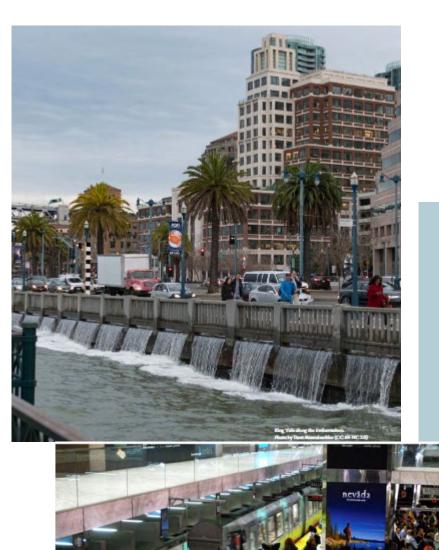
SFMTA



Legend

Sea Level Rise Vulnerability Zone











Key Findings





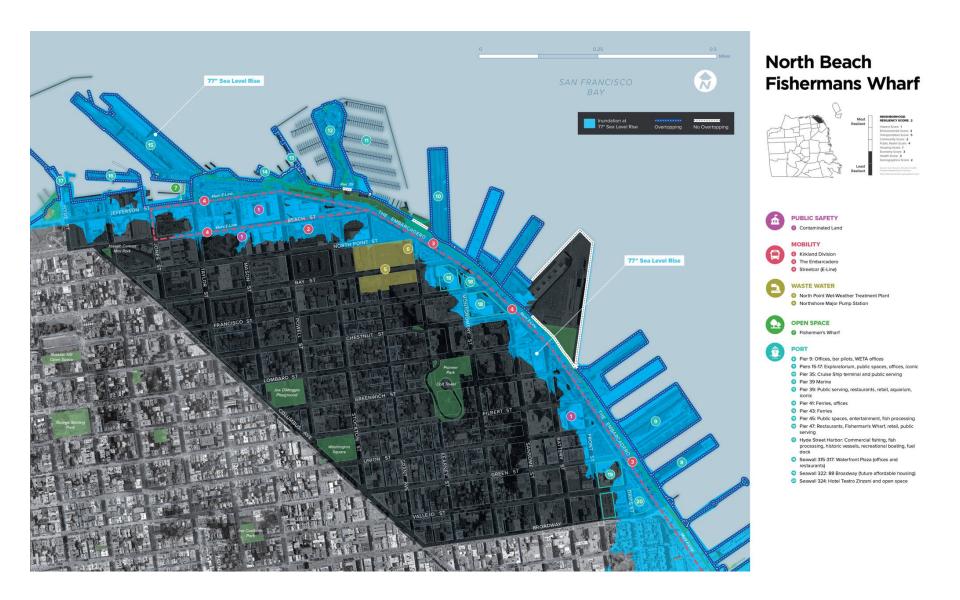
	SCENARIO 5	SCENARIO 6	SCENARIO 10	
Residents	6,500	21,500	37,200	
Businesses	1,500	7,300	17,100	
Jobs	10,800	48,500	167,250	
Streets	18.5 miles	50 miles	96.4 miles	
Open Space	31 acres	55 acres	74 acres	



Key Findings

	Bayview/H unters Point	Islais Creek	Mission Creek	Financial District	North Beach	Marina	Ocean Beach
Transportation Impacts							
Loss of Open Space							
New Development	~						
Joint Coastal and Precipitation Flood Risk							
Contamination and Liquefaction							



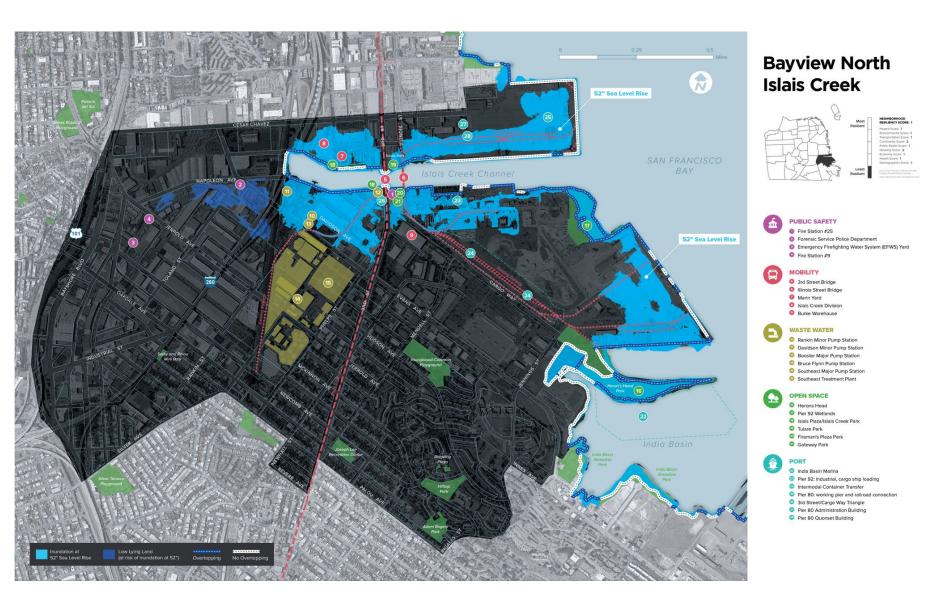








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Bayview South Hunters Point

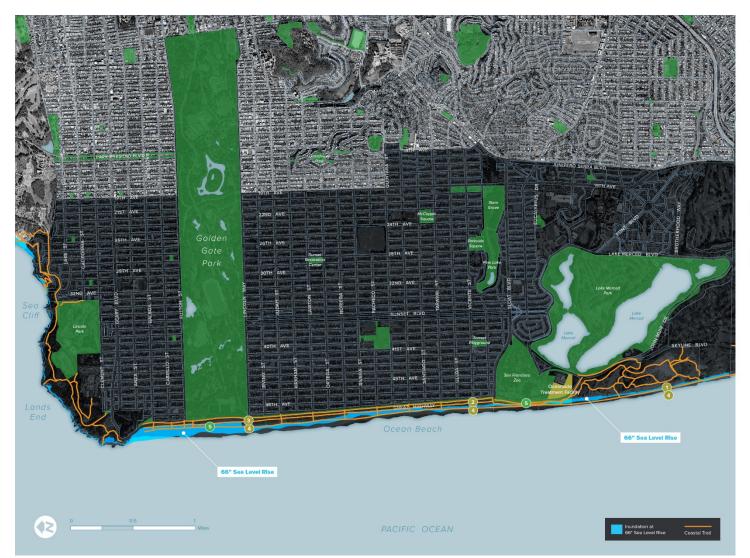




WASTE WATER Sunnydale Major Pump Station



OPEN SPACE India BasinShoreline Park Gilman Playground



Westside



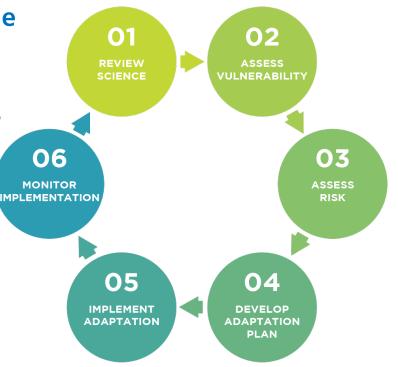


Coastal Trail



Next Steps

- 1) SLR adaptation strategies for shoreline areas
- 2) Climate resilient codes and guidelines
- 3) Climate resilient capital planning and funding
- 4) Coordinate with on-going projects (Seawall, Flood Study, Ocean Beach)
- 5) Engage community members and partners





Project Level Adaptation



Mission Rock

Pier 70

Crane Cove Park



District-Scale Adaptation



Ocean Beach Long-Term Improvements Project

- Implements portions of Ocean Beach Master Plan
- Addresses erosion at Great Highway, and protects critical infrastructure
- Adds recreational amenities



Islais Creek/Southeast Mobility Adaptation Strategy

- Caltrans grant award of \$390,000; 2019 to 2021
- Long-range vision for Islais Creek basin, with a focus on securing transportation assets
- Youth engagement in Bayview



US Army Corps/Port Flood Study

- Approximately 3 to 5 year study of shoreline flood risk
- Assesses flood risk and identifies a preferred alternative
- Preferred project becomes eligible for Federal funding





Thank You Timothy.Doherty@sfmta.com





Goal 4: Create a workplace that delivers outstanding service.

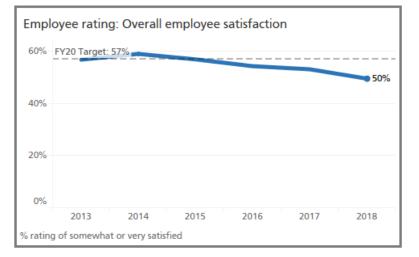
Objective 4.1: Strengthen morale and wellness through enhanced employee engagement, support, and development.

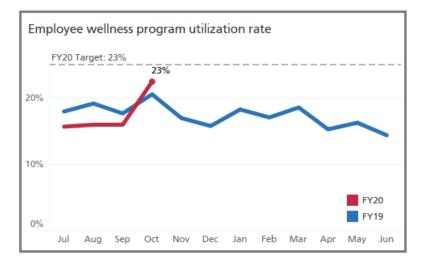
Objective 4.2: Improve the safety, security, and functionality of SFMTA work environments.

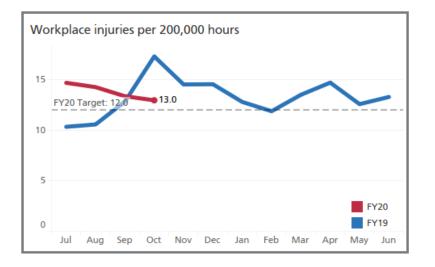
Objective 4.3: Enhance customer service, public outreach, and engagement.

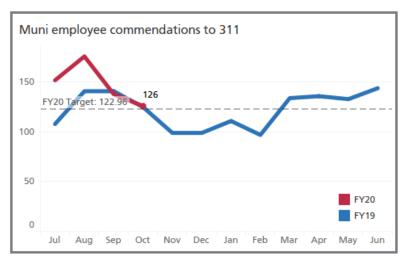
Objective 4.4: Create a more diverse and inclusive workforce.

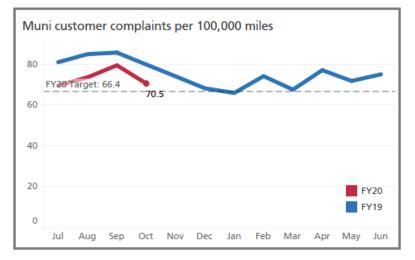
Objective 4.5: Increase the efficiency and effectiveness of business processes and project delivery through the implementation of best practices.

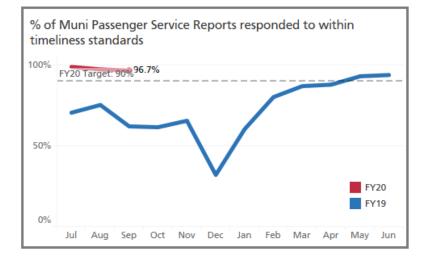


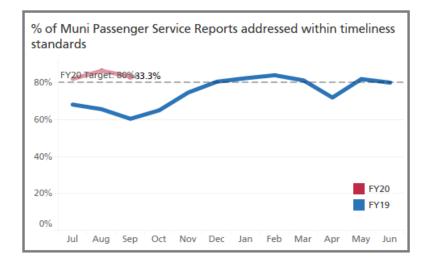




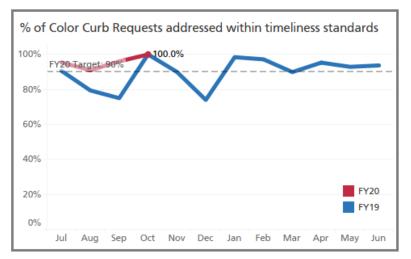


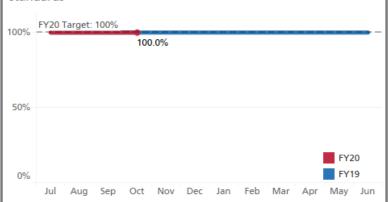


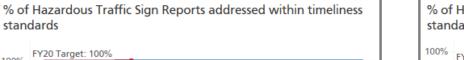


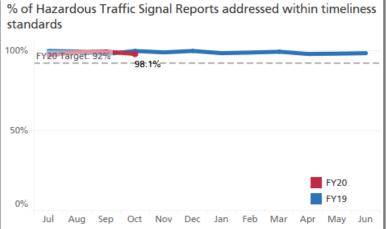


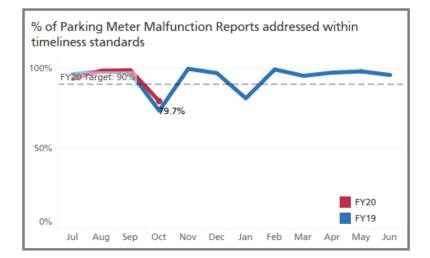
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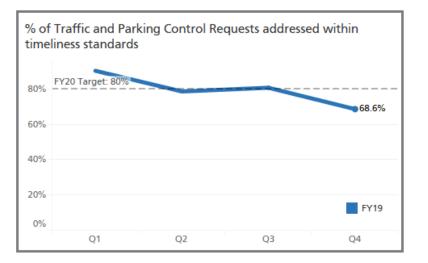




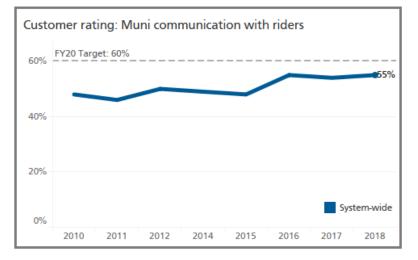








SFMTA Note: Reported results are subject to change as data quality improves or new data become available.









Metrics under development:

In support of Objective 4.1:

• Employee unscheduled absence rate

In support of Objective 4.2:

• Security incidents involving SFMTA employees

In support of Objective 4.3:

• Community rating: Feeling of being informed about SFMTA projects Establish baseline and improve community rating Establishing baseline (FY19)

In support of Objective 4.5:

- Percentage of capital projects initiated/completed on time
- Percentage of capital projects completed within budget
- Service critical operations and maintenance staff vacancy rate
- Percentage of sign work orders completed within timeliness standards





SFMTA Human Resources Update

Kimberly Ackerman

SFMTA Human Resources Director



The next Strategic Plan Update will be in February 2020.