



Building Progress Program 2024 Facilities Framework

SFMTA Board of Directors February 4, 2025



Engage Communities

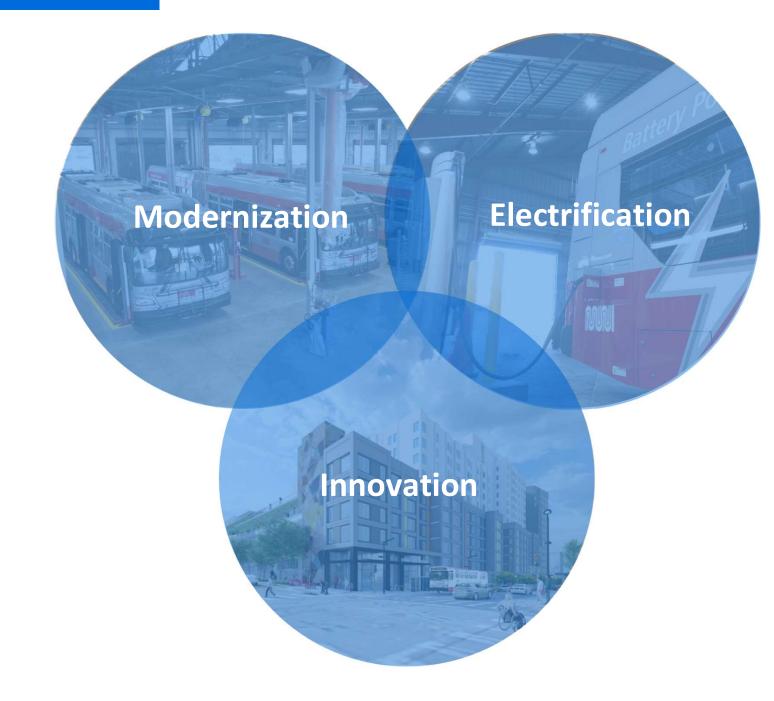
Fund and Rebuild Facilities

Repair and Modernize Facilities

Deliver

Started in 2017, the **Building Progress Program is a multi-billion** planning and capital program to repair, renovate and modernize the SFMTA's aging facilities that support Muni transit service, paratransit service, street infrastructure and other critical functions that keep the city moving.

Core Program Areas





State of Good Repair



Investment and rehabilitation in the SFMTA's facilities takes on one of the agency's **biggest State of Good Repair challenges**.

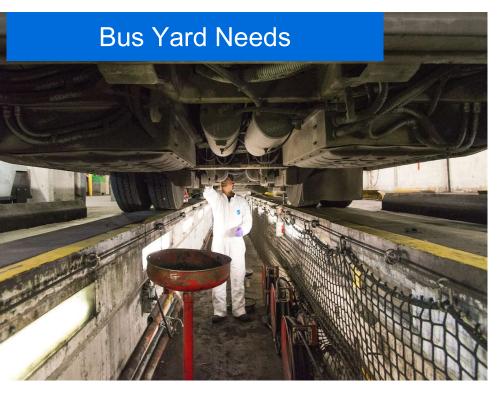
Facilities one of the highest asset investment backlogs.

Sources:

2017 SFMTA Facilities Framework 2023 SFMTA State of Good Repair Report

*Building and acres do not include operator restrooms or parking garages and lots







SFMTA

Bus Yard Modernization Needs

- Two are over 100 years old
- Too small to meet fleet growth, require seismic safety upgrades, staff work in outdated space
- Low State of Good Repair ratings



State of Good Repair

Modernize the SFMTA facilities to meet the needs of all who travel in San Francisco.

Resiliency

Improve the SFMTA facilities resiliency to seismic events and climate change

Community

Make the SFMTA a better neighbor where transit facilities are located.

2017 Facilities Framework



State of Good Repair

Modernize the SFMTA facilities to meet the needs of all who travel in San Francisco.

Resiliency

Improve the SFMTA facilities resiliency to seismic events and climate change

Community

Make the SFMTA a better neighbor where transit facilities are located. Compliance

Meet regulatory requirements related to fleet electrification.

NEW in 2024

2024 Facilities Framework



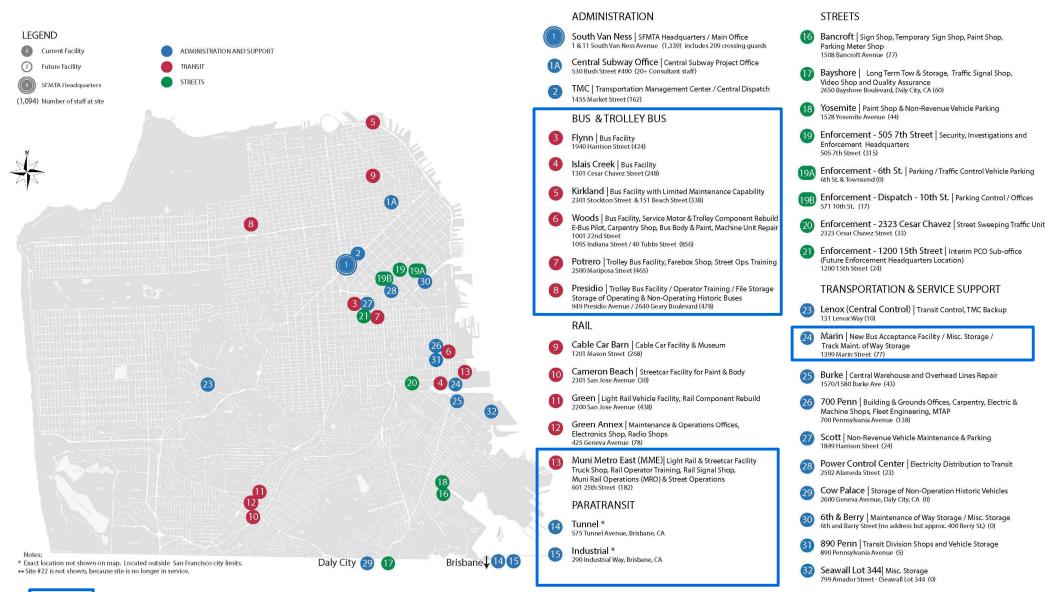


SFMTA

SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY FACILITIES MAP

San Francisco Municipal Transportation Agency has facilities for its administration, transit fleets, streets/enforcement, and support functions. For clarity the facilities are grouped by function and typically referred to by their street names in the list below and throughout the report.

REVISED - APRIL 2024



Boxes are sites or services in 2024 Facilities Framework

The Plan

Each bus yard **converted or rebuilt** to meet goals

Battery Electric Bus Conversion

Kirkland Yard*

Islais Creek (IC) Yard*

Other Projects

Woods & IC Pilots* Muni Metro East* Marin*

*In SFMTA FY 25-29 Capital Improvement Program

Rebuild Projects^

Potrero Yard * Electric Trolley Bus

Presidio Yard* Battery Electric Bus

Flynn Yard Battery Electric Bus

Woods Yard Battery Electric Bus

^Any rebuild may include paratransit (or new location) & joint development



First:

Maintain current bus fleet size through Flynn and gradually replaces hybrid buses with battery electric buses

Then:

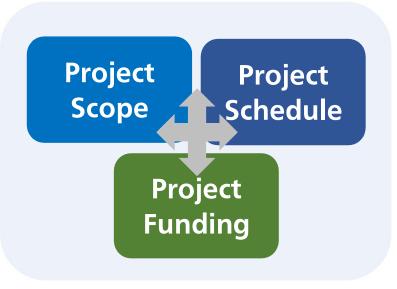
Increase bus fleet by ~20-30% following completion of Woods, the last bus yard project*

* Bus capacity could increase sooner if an additional level(s) is added to Presidio or Flynn

Bus procurements are coordinated with bus yard projects:

- Projects are sequential to maintain fleet capacity while yards are closed for conversion or rebuilding.
- Bus procurements follow yard project completions.



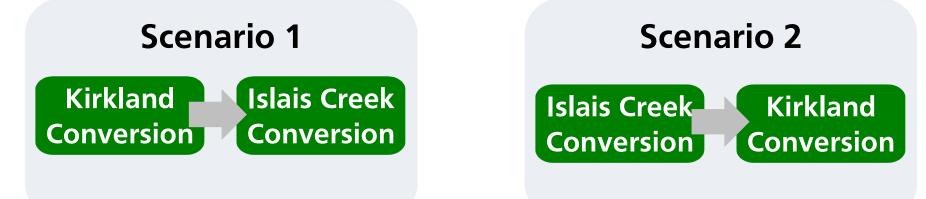


The bus yard projects are large, complex, costly and have risks:

- Funding shortfalls
- Regulatory approvals
- PG&E capacity and timing
- Evolving building codes related to electric vehicles



Given risks, the plan includes **implementation scenarios** with changed sequencing of conversion projects.



SCENARIO 1 CONSTRUCTION SCHEDULE

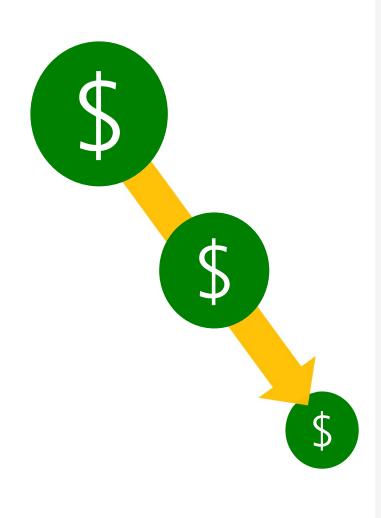
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SCENARIO 2 CONSTRUCTION SCHEDULE





Solutions



Facilities Framework is a living document. We are learning, iterating and adapting:

- Regular internal coordination
- Pilot projects inform conversions
- Potrero Yard inform rebuilds
- File PG&E applications early
- Funding advocacy
- Joint Development Program



Thank you 2024 Eacilities Framework



APPENDIX

Bus Yard Projects Summary

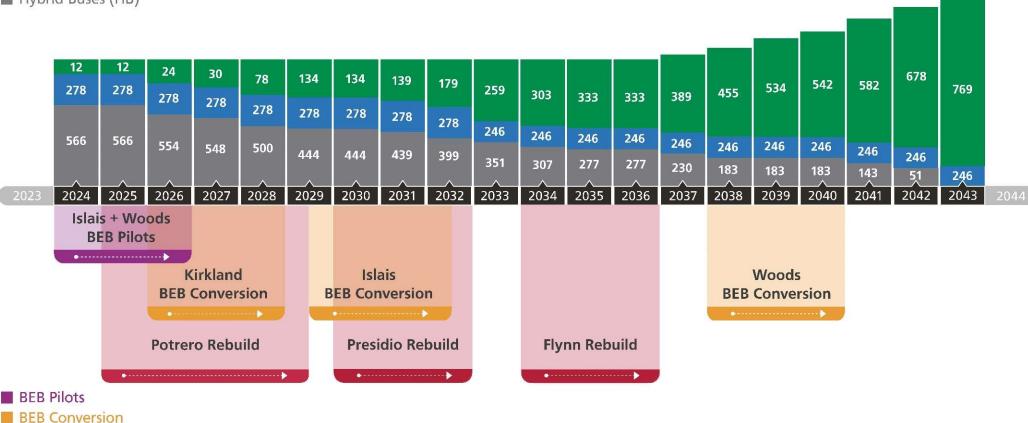
Marin	Potrero
Location: 1399 Marin Street	Location: 2500 Mariposa Street
Site: 3.2 acres	Site: 4.4 acres
Building: 27,000 sf	Building: 109,000 sf, built 1914, renovated 1990
Ownership: SFMTA leases from SF Port	Ownership: City owns; SFMTA has jurisdiction
Current Use: bus acceptance	Current Use: 40 and 60-foot trolley bus yard
Facility Plan: Lightly upgrade for interim hybrid bus parking as well as	Facility Plan: Rebuild as a 40 and 60-foot trolley bus yard with more
bus acceptance	capacity, joint development, and possibly paratransit BEV yard.
Kirkland	Presidio
Location: 2301 Stockton Street and 151 Beach Street	Location: 949 Presidio Avenue
Site: 2.6 acres	Site: 5.4 acres
Buildings: built c. 1950	Buildings: 158,000 sf, built 1912
Ownership: City owns; SFMTA has jurisdiction	Ownership: City owns; SFMTA has jurisdiction
Current Use: 40-foot hybrid bus yard	Current Use: 40-foot trolley bus yard
Facility Plan: Convert to 40-foot BEB yard and complete select up-	Facility Plan: Rebuild as a 40 and 60-foot BEB yard with more capaci-
grades.	ty, joint development, and possibly paratransit BEV yard
Islais Creek Location: 1301 Cesar Chavez Site: 8.3 acres plus 0.3 open space along water Building: 18,200 sf built in 2012 and 65,000 sf built in 2017 Ownership: City owns; SFMTA has jurisdiction over property east of Interstate 280 and leases property under and west of interstate from Caltrans Current Use: 60-foot hybrid bus yard Facility Plan: Modify for 60-foot BEB pilot and convert to BEB yard	Flynn Location: 1940 Harrison Street and 1941 Harrison Street Site: 6.2 acres and 4800 sf Building: 266,000 sf built in 1941. City acquired and renovated in 1989 Ownership: City owns; SFMTA has jurisdiction Current Use: 60' hybrid bus yard Facility Plan: Rebuild as a 40 and 60-foot BEB yard with more capaci- ty, joint development, and possibly paratransit BEV yard.
Muni Metro East Expansion Area Location: 601 25th Street Site: 4-acre parcel adjacent to 13-acre MME yard Ownership: City owns; SFMTA has jurisdiction Building: Undeveloped parcel Current Use: Some material storage Facility Plan: Upgrade for interim bus storage, then could expand light rail yard	Woods Location: 1095 Indiana Street and 1001 22nd Street Site: 8.2 acres Building: 158,000 sf opened 1974-1978 Ownership: City owns; SFMTA has jurisdiction Current Use: 40-foot hybrid bus yard and specialized maintenance facility Facility Plan: Modify for 40-foot BEB pilot and either convert to BEB yard or rebuild as a 40 and 60-foot BEB yard with more capacity, joint development, and possibly paratransit BEV yard.

Scenario 1 Bus Yard Projects Schedule

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Battery Electric Buses (BEB)
Electric Trolley Buses (ETB)
Hybrid Buses (HB)



Schedule based on Scenario 1



Rebuild

Needs and Goals



Electrification Needs

- State and SFMTA policy requires redeveloping facilities to support transitioning an all-electric fleet.
- The California Air Resources Board's Innovative Clean Transit regulation mandates a 100% zero emissions fleet by 2040.
 - Transitioning to battery-electric buses requires:
 - Charging infrastructure
 - New electrical service
 - Grid improvements (dependent on utility partners, SFPUC and PG&E)

2022 SFMTA Rollout Plan, showing an ABB pantograph

Pursuing Federal Funds



Our facility replacement program is pay-go. We cannot transition to zero emission fleets without the facilities.

Federal Bipartisan Infrastructure Law increased funding, but:

- It expires in 2026
- Fleet has been priority over facilities

Potrero, Kirkland and Presidio Projects reapplying for FTA grants

- Potrero: Bus/Bus Facilities
- Kirkland: Low No Emissions
- Presidio: RAISE Planning (notice of award on 4th try in Jan. 2025)