



Intro

Strategic Plan

SFTP

TDM

**Facilities**

Transit

Bicycle

Pedestrian

Taxi

# **FACILITIES PLANNING**

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# Strategic Goals & Objectives

- **Goal 1: Create a safer transportation experience for everyone**
  - Objective 1.2: Improve workplace safety and security
  - Objective 1.3: Improve the safety of the transportation system
- **Goal 2: Make transit, walking, bicycling, taxi, ridesharing and carsharing the preferred means of travel**
  - Objective 2.2: Improve transit performance



# Strategic Goals & Objectives

- **Goal 3: Improve the environment and quality of life in San Francisco**
  - Objective 3.1: Reduce the Agency's and the transportation system's resource consumption, emissions, waste and noise
  - Objective 3.4: Deliver services efficiently
- **Goal 4: Create a workplace that delivers outstanding service**
  - Objective 4.2: Create a collaborative and innovative work environment
  - Objective 4.3: Improve employee accountability



# Key Strategic Actions

- **1.2 #7: Develop a prioritized list of workplace facility improvements based on the recommendations of the Real Estate and Facilities Vision for the 21st Century Report (Vision Report)**



# *SFMTA REAL ESTATE AND FACILITIES VISION FOR THE 21<sup>ST</sup> CENTURY*

January 29, 2013

**PARSONS  
BRINCKERHOFF**

# Presentation Topics

- Project Drivers
- Facilities Observations
- Facilities Recommendations
- Transit-Oriented/Joint Development
- Implementation & Next Steps

# Agency and City Participation

- Over 100 SFMTA staff members were involved during the course of the study
- 8 Workshops with SFMTA staff, Sustainable Streets, Muni
- Regular meetings with SFMTA Executive Committee
- Briefings with Mayor's Office, Planning Department, City Real Estate, SFMTA Citizens' Advisory Council, and members of the Board of Supervisors

# PROJECT DRIVERS



# SFMTA's Facilities Situation

## Facilities' Obsolescence

- Some key facilities are over 100 years in operation and need to be replaced
- Some leases are expiring
- Many facilities are seismically vulnerable

## Facilities' Inefficiencies

- Some facilities have inefficient layouts, outdated equipment, and capacity constraints
- Systemwide reconfigurations could increase operational efficiency, reliability, and longevity

## Fleet Growth

- As service is added, the fleet will grow, and the new vehicles will need to be accommodated
- Acquisition of land for operational needs is expensive and time consuming

# SFMTA Fleet Projections

SFMTA is forecasting a net increase in vehicles of 20%, including significant increases in articulated buses (60' vehicles)

	FY 2010	FY 2030	% Change
Motor Coach 30'	30	25	-17%
Motor Coach 40'	306	349	+14%
Motor Coach 60'	124	207	+67%
Trolley Coach 40'	240	184	-23%
Trolley Coach 60'	73	121	+66%
Light Rail Vehicles	151	208	+38%
Historic Streetcar	24	56	+133%
Cable Car	40	40	-
<b>Total Fleet</b>	<b>988</b>	<b>1,190</b>	<b>+20%</b>

# FACILITIES OBSERVATIONS

# SFMTA Facilities (Fleets & Shops)



# SFMTA Facilities (10 of 20 parking garages)



# Facility Observations – Cameron Beach



Roof leaks at Cameron Beach are causing the paint booth to rust.



Track turns at Cameron Beach need to be assessed for turn radius.

# Facility Observations – Cameron Beach



Body shop bay door is broken and leaves the shop open to the elements.



The rear doors for the repair lanes are broken and cannot be opened.

# Facility Observations - Potrero



Building height at Potrero does not allow for lifting buses.



Tarp and bucket used to catch roof leaks in Parts Storage at Potrero.



# Facility Observations - Woods



Fabricated gutters in Component Repair at Woods due to roof leaks.



Inoperable vacuum system in fuel area at Woods.

# Facility Observations - Presidio



The facility layout of Presidio causes major backups in the Running Repair and Inspection lines as the vehicles stack up in long lines. Due to a lack of space and lanes, buses cannot get around if the vehicle in front goes down or needs more work.

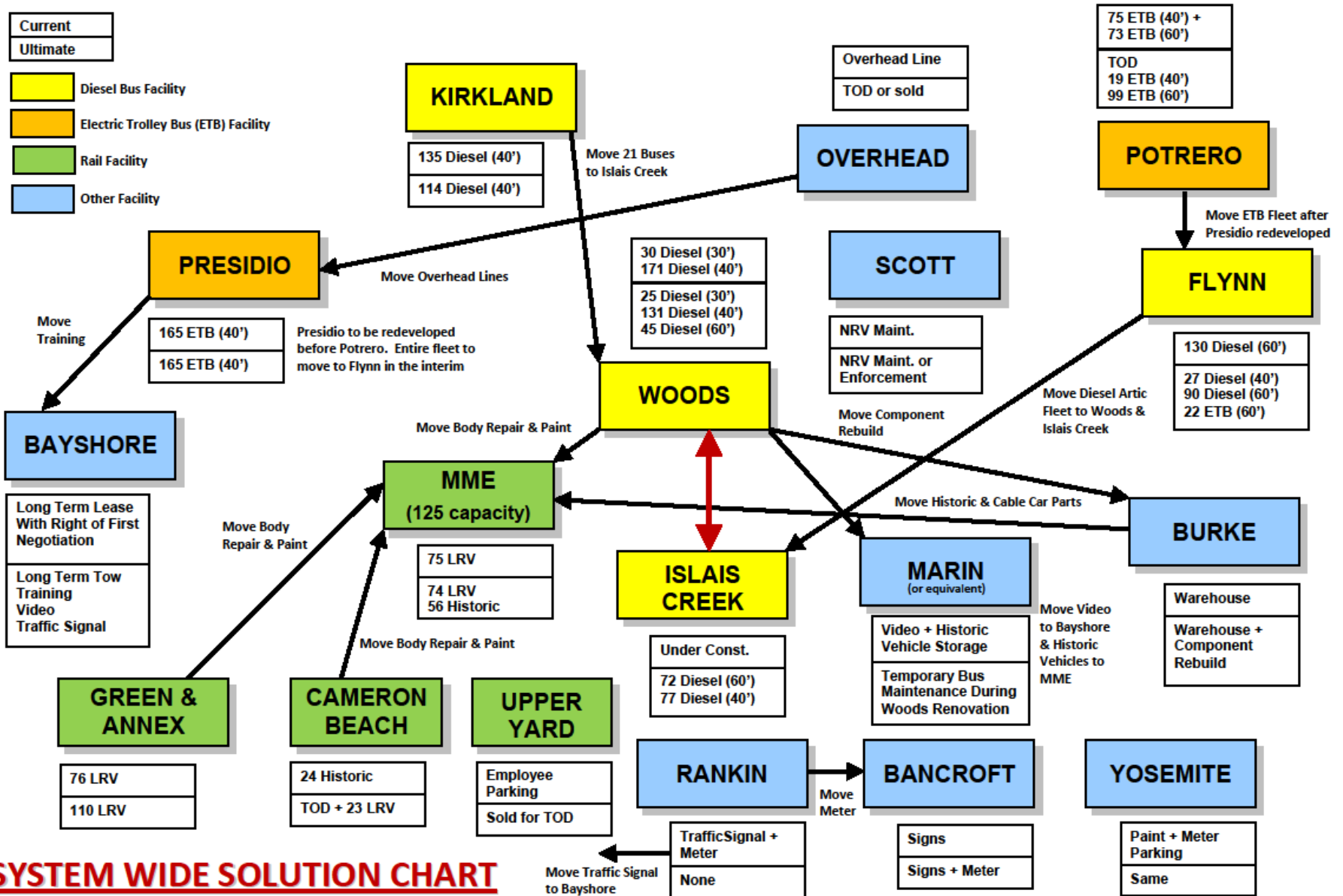
# FACILITIES RECOMMENDATIONS

# Systemwide Objectives

Combination of independent and dependent solutions:

- Responds to SFMTA's 2030 fleet projections
- Improves operational flexibility
- Improves efficiency of operations
- Improves employee working conditions
- Prepares system for post-earthquake recovery
- Incorporates sustainable solutions
- Makes the most of existing sites and facilities
- Minimizes disruption of ongoing transit operations

# Maximize Use of Existing Facilities



## SYSTEM WIDE SOLUTION CHART

# Examples of Projects

- Converting Flynn to an electric trolley bus facility
- Renovating Woods to provide for maintaining articulated diesel buses
- Redeveloping Potrero, which is beyond its useful life, to bring all maintenance functions to the ground level to improve efficiency
- Centralizing Machine Shop functions for rail and cable car at 700 Pennsylvania
- Moving historic and cable car parts to Muni Metro East facility and/or 700 Pennsylvania
- Demolishing Cameron Beach existing maintenance and operations building and rebuild yard for storing light rail vehicles
- Consolidating Body Repair and Paint facility functions for bus (including electric trolley bus), light rail vehicles, and historic streetcar

# TRANSIT-ORIENTED/JOINT DEVELOPMENT

# Transit-Oriented Development/ Joint Development

- Highest-ranked candidates include: Presidio, Potrero, Chinatown/Central Subway, and Upper Yard
  - Board took action in support of moving forward with Upper Yard development
- Improve SFMTA operations where possible
- Leverage new development to replace aging and obsolete SFMTA facilities
- Maximize revenue generation to the SFMTA
- Potential development of parking garages and underutilized surface parking lots
- Set stage for City growth and impact on ridership and transportation needs



# IMPLEMENTATION & NEXT STEPS

# Implementation & Next Steps

Develop detailed steps for implementing the Vision Report, including:

- Develop and seek approval of any required policies
- Finalize prioritization of projects
- Develop full cost estimates of individual projects
- Incorporate projects into Capital Improvement Program (CIP) and operating budgets
- Identify funding sources
- Identify required resources to implement the Vision Report projects
- Work with community stakeholders to gather feedback and input and conduct environmental clearance
- Identify implementation plan from the Vision Report projects with policy makers and stakeholders