



Municipal Transportation Agency

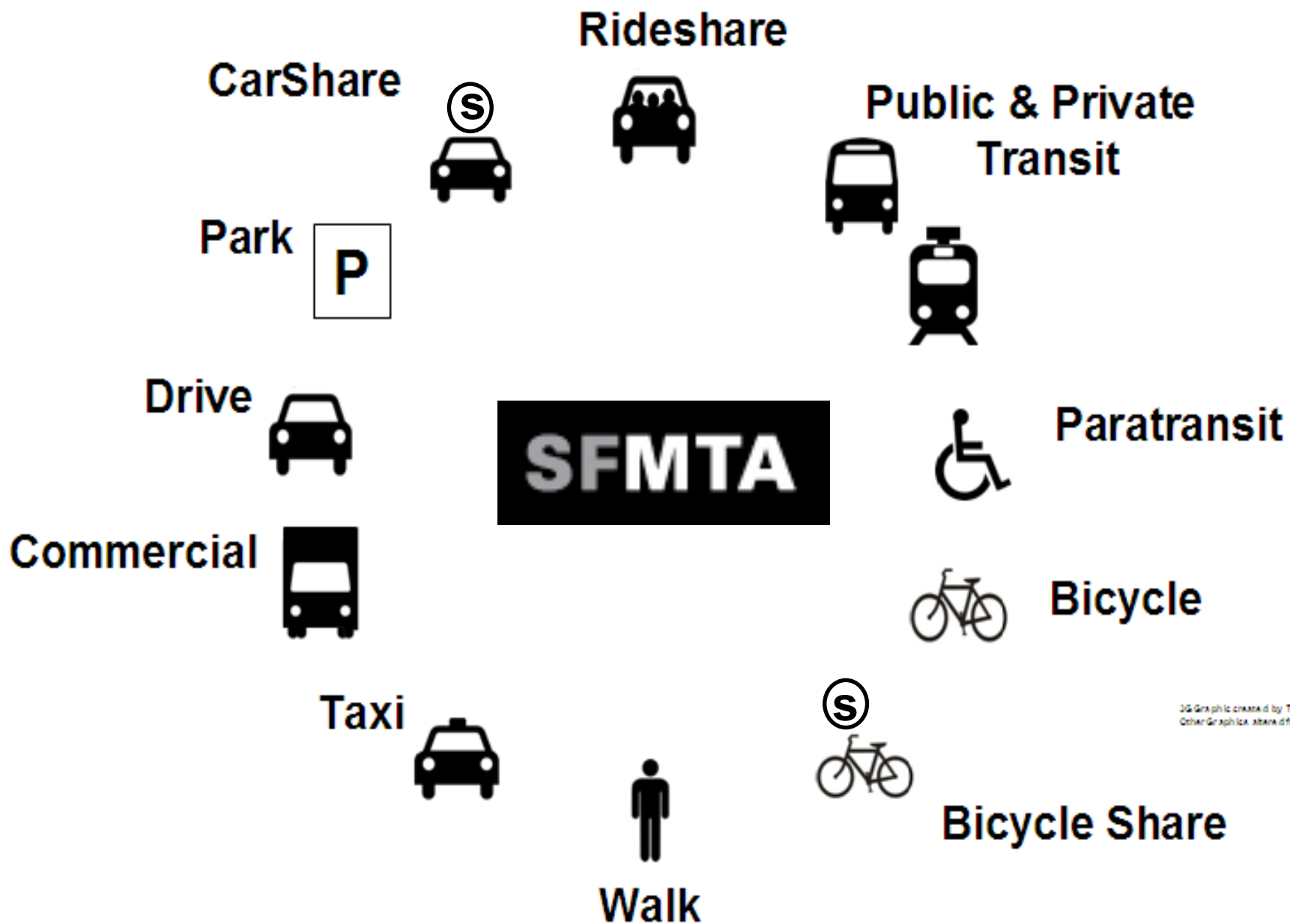
# SFMTA Sustainable Mobility Strategy

## Rapid Transit Network



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Deputy Director Strategic Planning & Policy

11 | 7 | 2011 | San Francisco, California

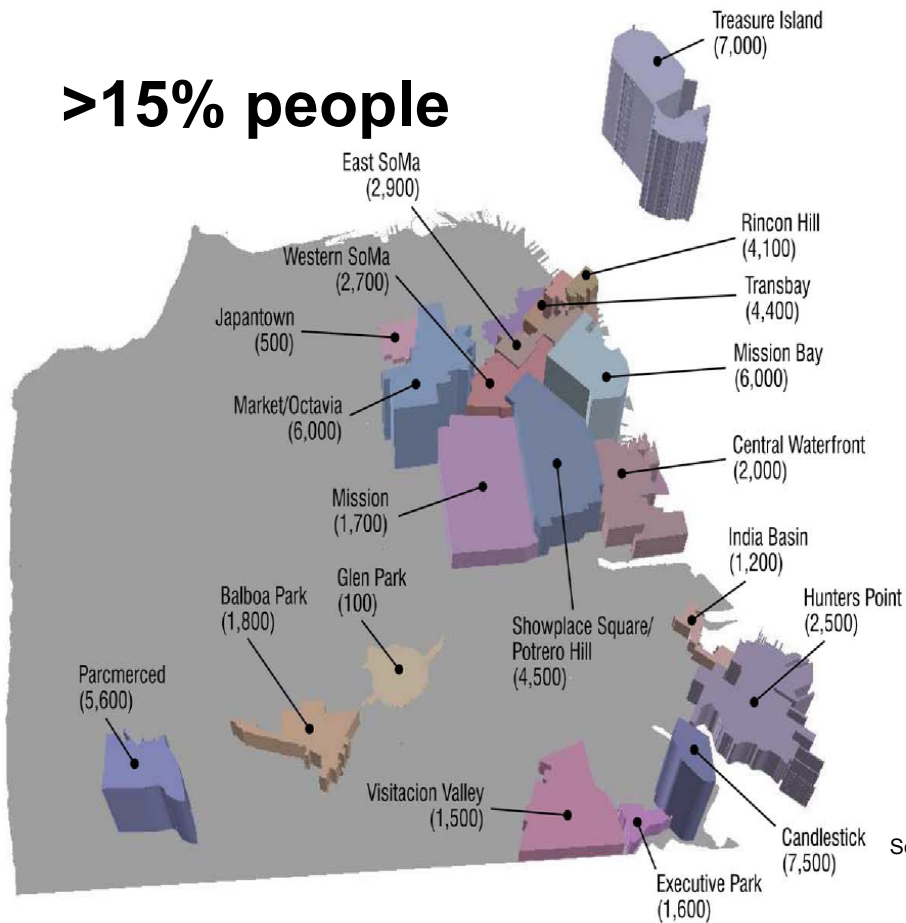


3G Graphic created by Timothy Repakowski 2009  
Other Graphics adapted from AIGA

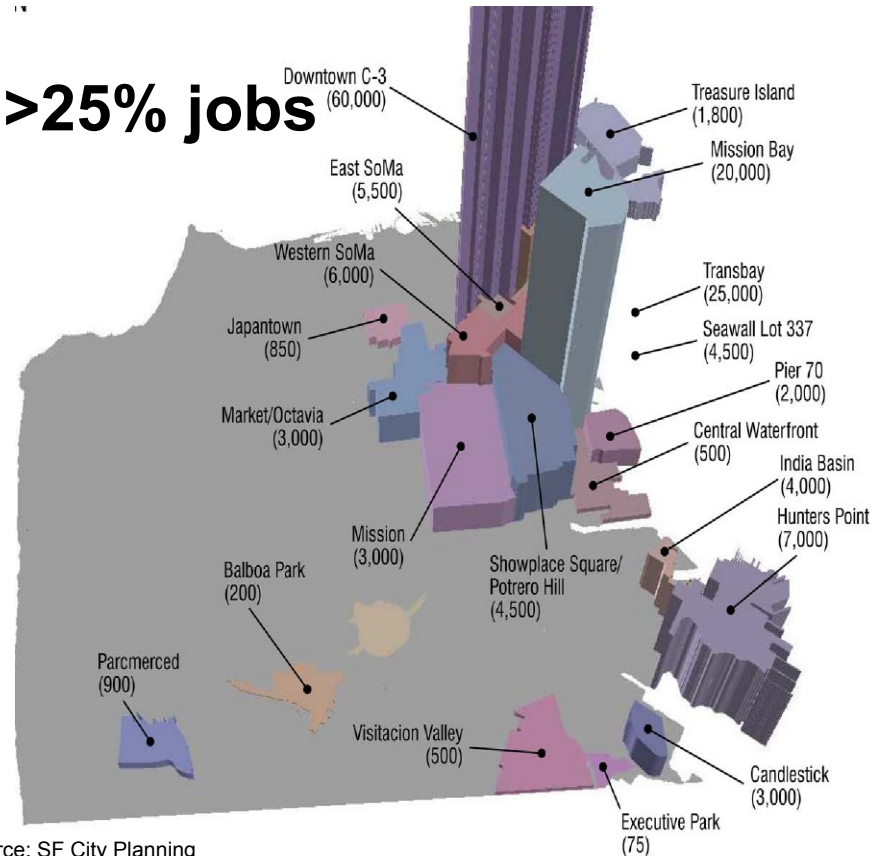
**Voter initiated, all-in-one transportation agency**



**>15% people**



**>25% jobs**

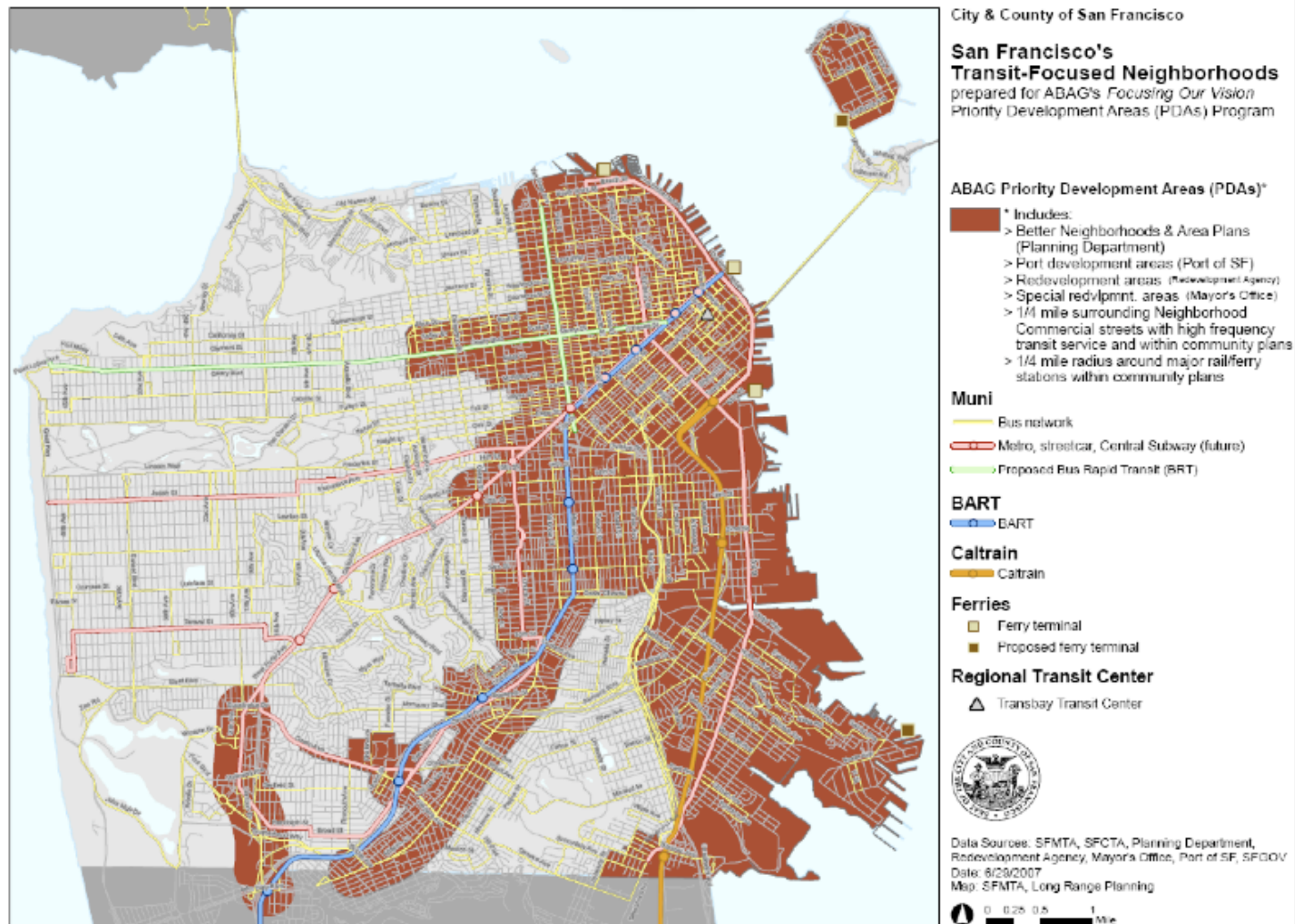


Source: SF City Planning

**San Francisco 2035 Population & Employment  
Growth focused in Priority Development Areas**

**Key Growth Challenges**

# San Francisco Growth Challenge



**Transportation Linked to Priority Development Areas**



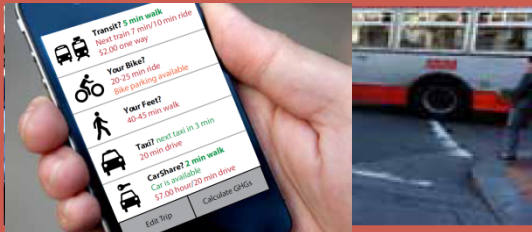


# Sustainability Strategies: Agency Initiatives



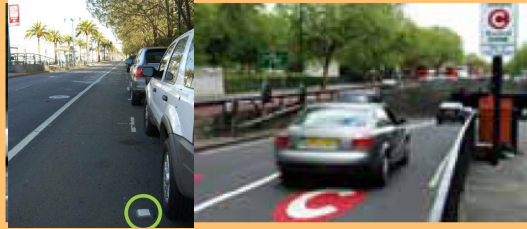
## *Travel Demand Management*

### **STRATEGY 1**



*Travel Choices  
& Information*

### **STRATEGY 2**



*Demand Pricing*

### **STRATEGY 3**



*Transit-Oriented  
Development (TOD)*

## *Infrastructure Support*

### **STRATEGY 4**



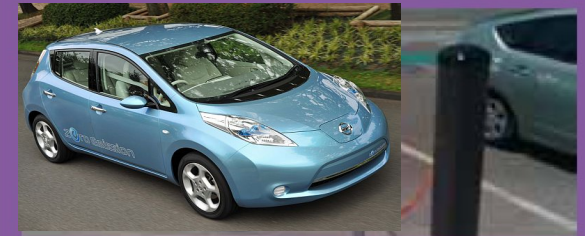
*Transit Improvements*

### **STRATEGY 5**



*Complete Streets*

### **STRATEGY 6**



*Electric Vehicles*

# **Sustainable Mobility Strategies**





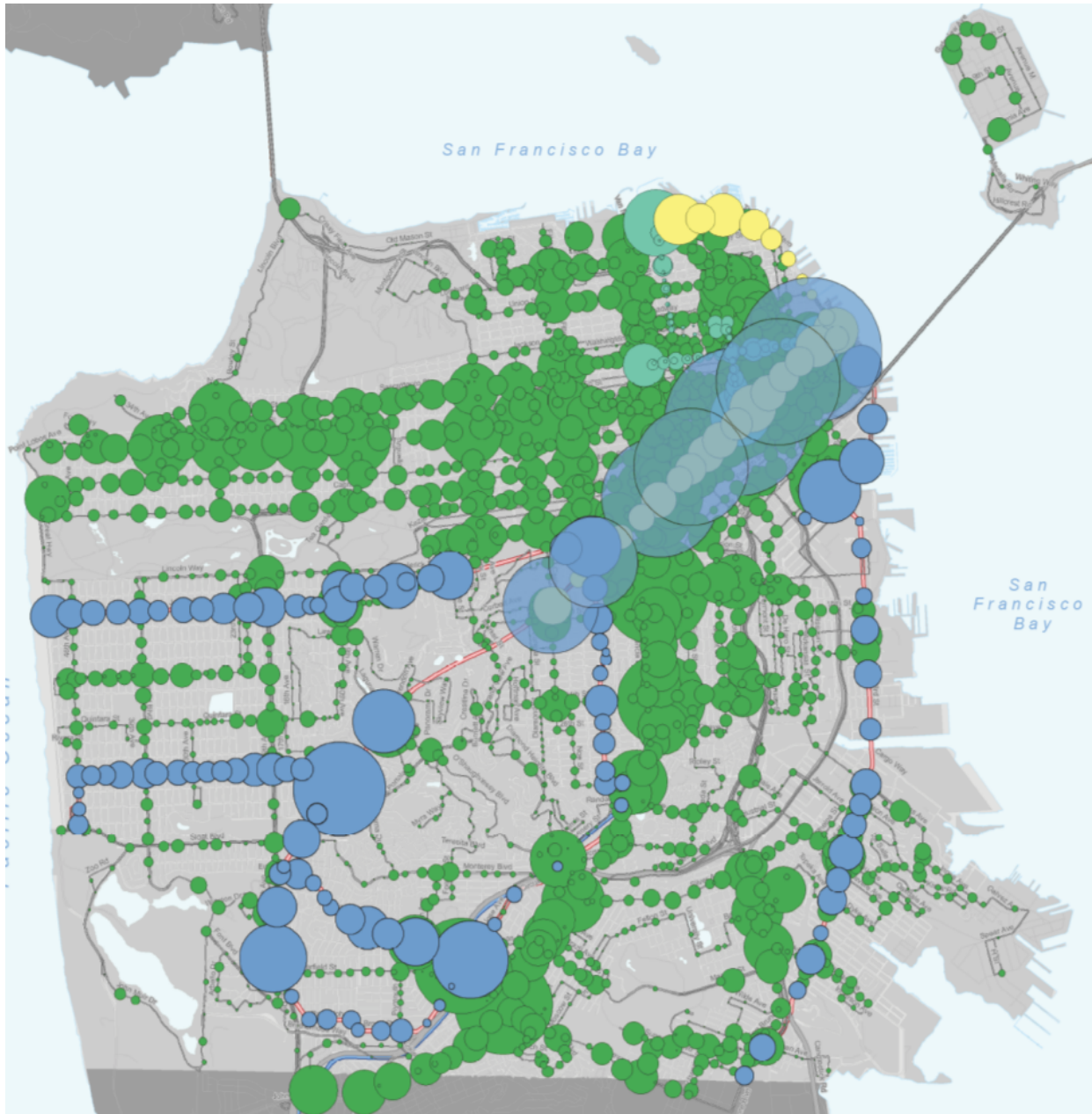
**Transit is essential to City life**





**Peak capacity is key to sustainable growth**

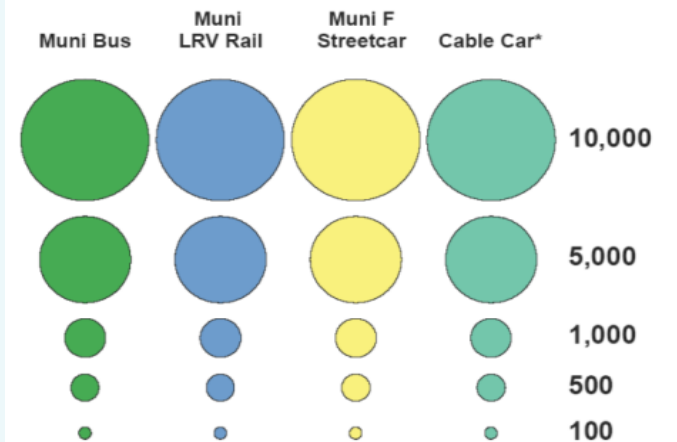




## Total Weekday Muni Boardings Post T- Line Implementation

Daily Bus Boardings Grouped by Intersection

Daily LRV & Streetcar Boardings Grouped by Station



Existing Bus Network

Muni Rail Line

BART Line

Freeway/Highway

Primary Data Sources:  
SFMTA APC and Manual Ridecheck  
Fall 2006-Fall 2007

Secondary Data Sources:  
SFMTA, SFCTA, SFGOV, MTC.

\*Note:  
Cable Car data is peak season  
data from August 2007.  
Powell-Mason data not included.  
Updated:  
April 2008

**SFMTA**

Municipal Transportation Agency



0 0.5 1 2 Miles



**TMD**

**75% of boardings concentrated on 15 corridors**



## Average System Operating Speed Miles per hour

■ Muni (San Francisco)

■ AC Transit (East Bay)

■ CTA (Chicago)

■ LACMTA (Los Angeles)

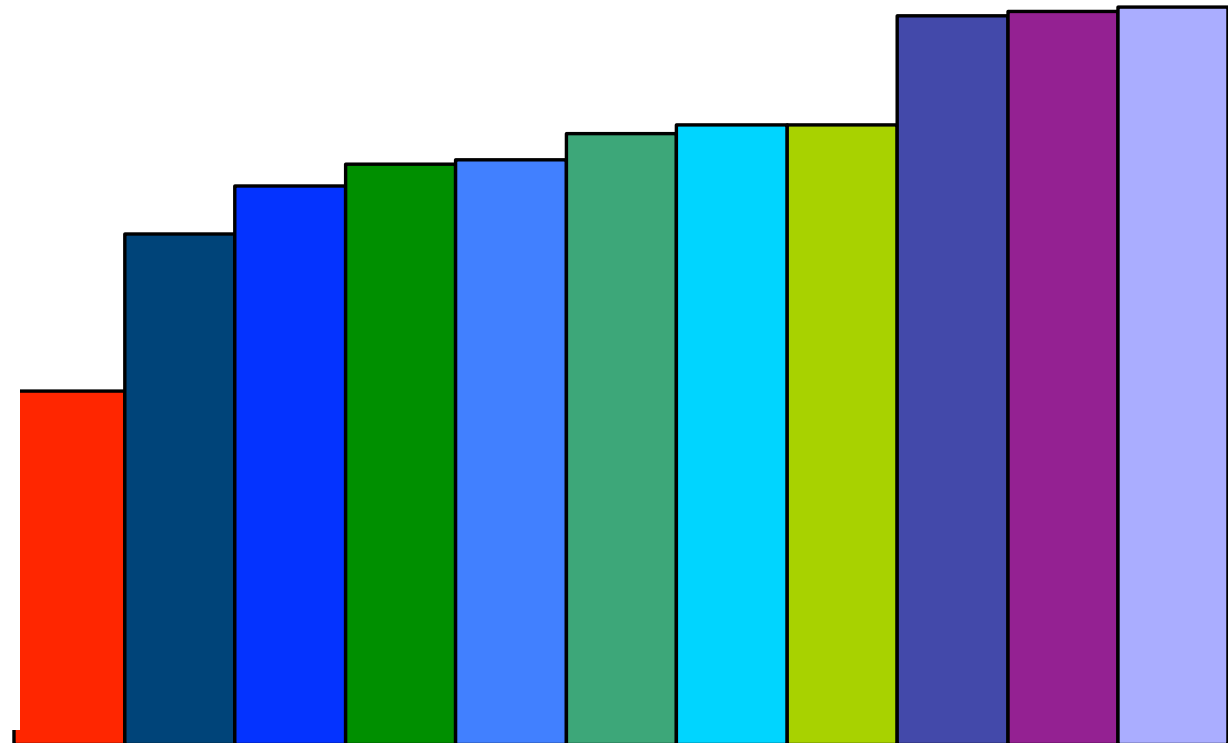
■ SEPTA (Philadelphia)

■ NYCT (New York City)

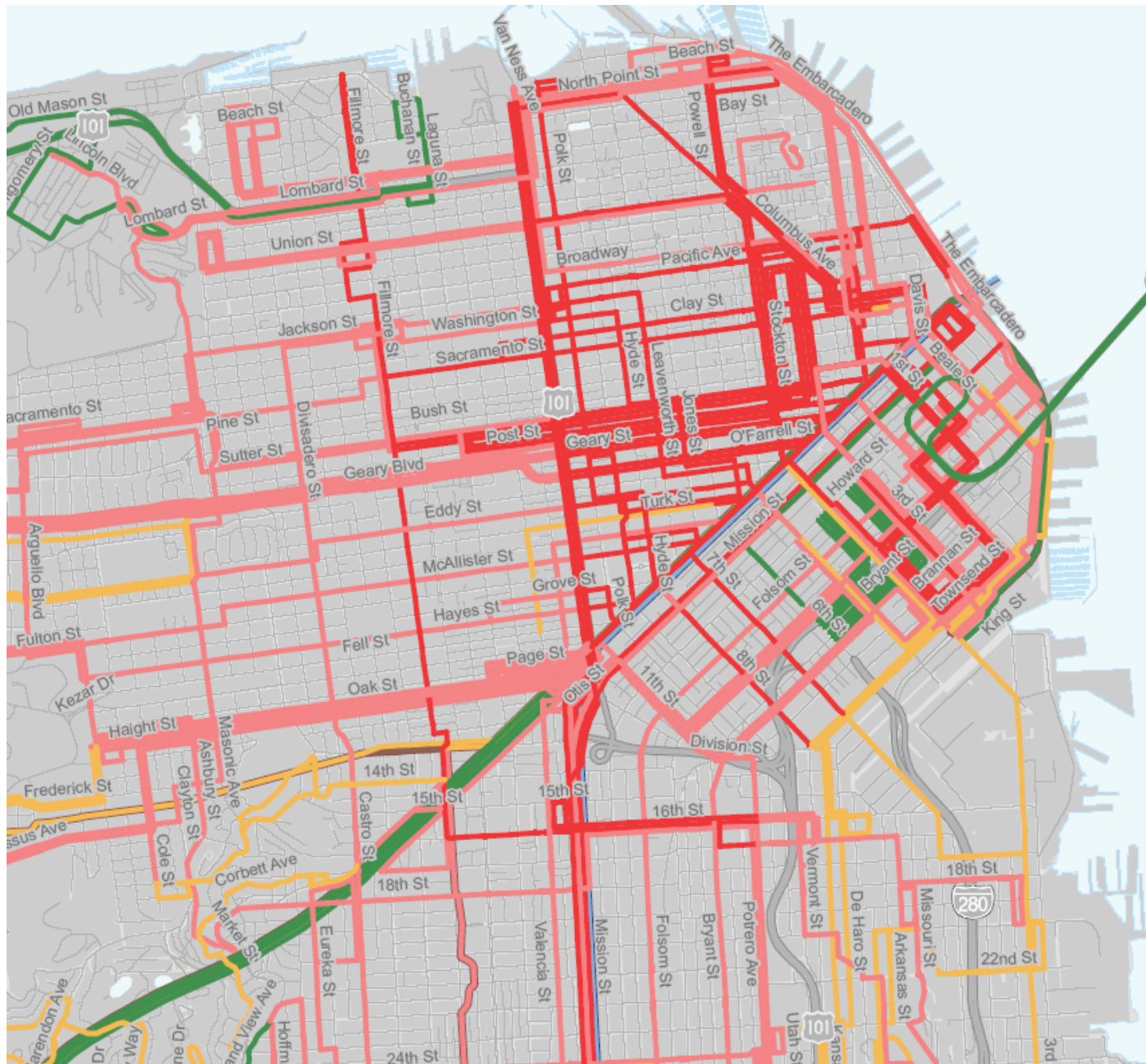
■ TTC (Toronto)

■ Translink (Vancouver)

■ King County Metro  
(Seattle)



**SFMTA Transit Speeds slowest**



## Service Speed

SFMTA Bus and Rail Network

### Route Segment Performance

All Day

(Miles Per Hour)

- More than 12.0
- 9.0 - 12.0
- 6.0 - 9.0
- Less than 6.0

Not Shown: Non-Loading Express Route Segments And Non-Operating Routes

Actual Operating Speed (MPH)  
With Stop Dwell Time

- BART Line
- Freeway/Highway

SFMTA | Municipal Transportation Agency



Data Source: SFMTA, SFCTA, SFGOV, MTC  
2006-2007 (Pre-T Line)

Map Last Updated: September 2007

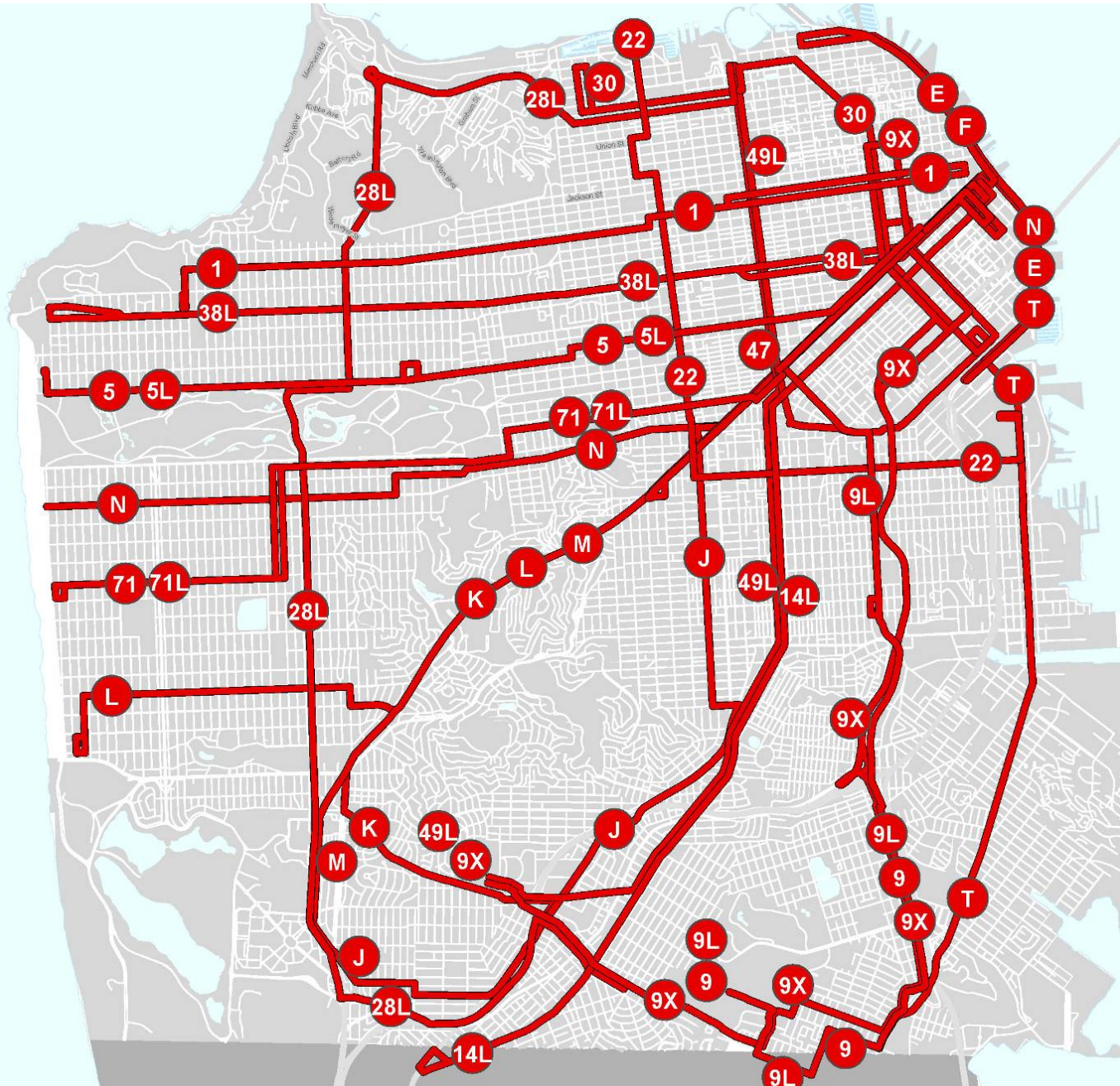


**Slow travel times frustrate customers/increase costs**



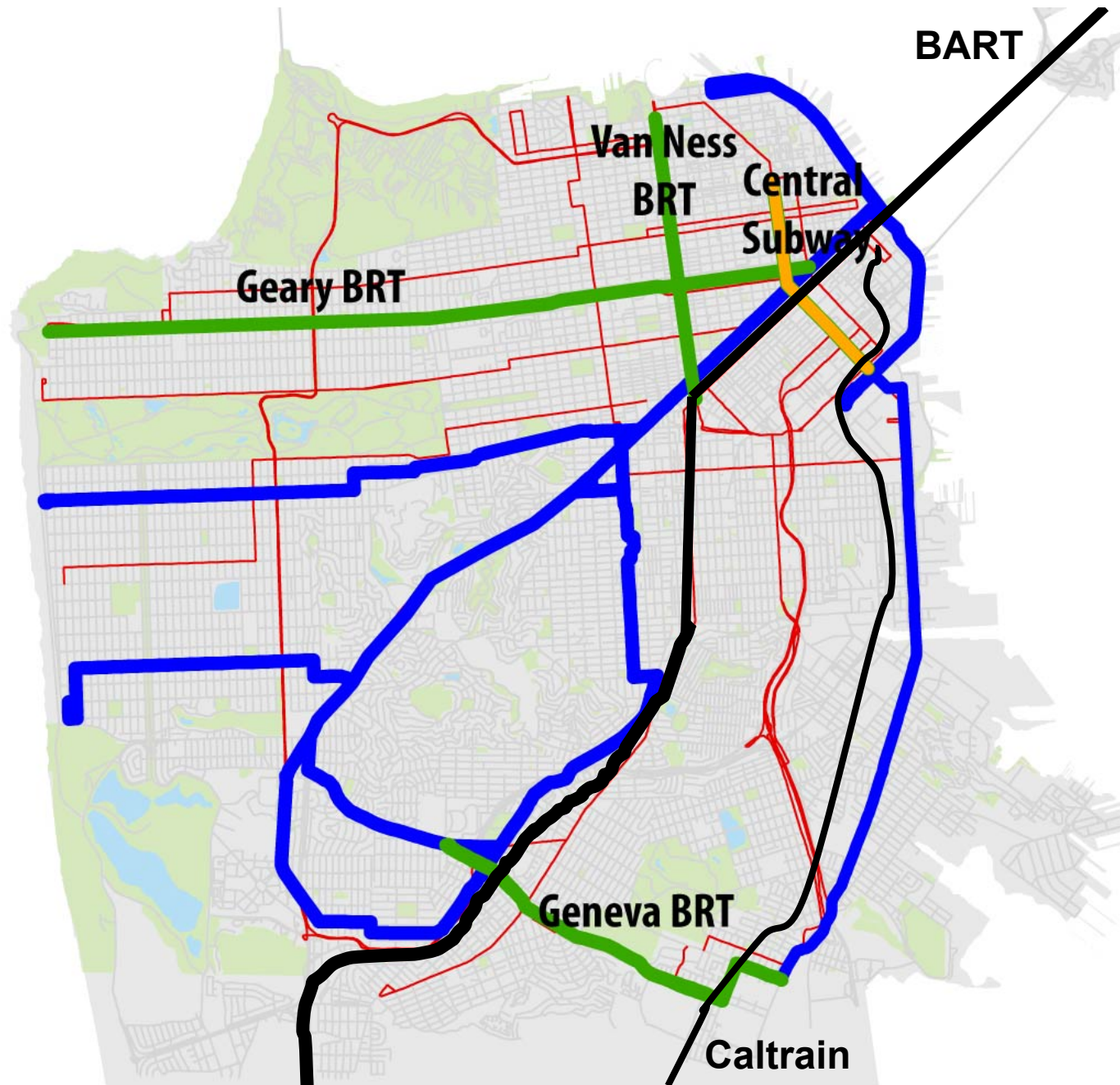


**SFMTA Transit Service Policy Framework**



# Transit Effectiveness Project: Rapid Transit Network





# San Francisco Rapid Transit Network

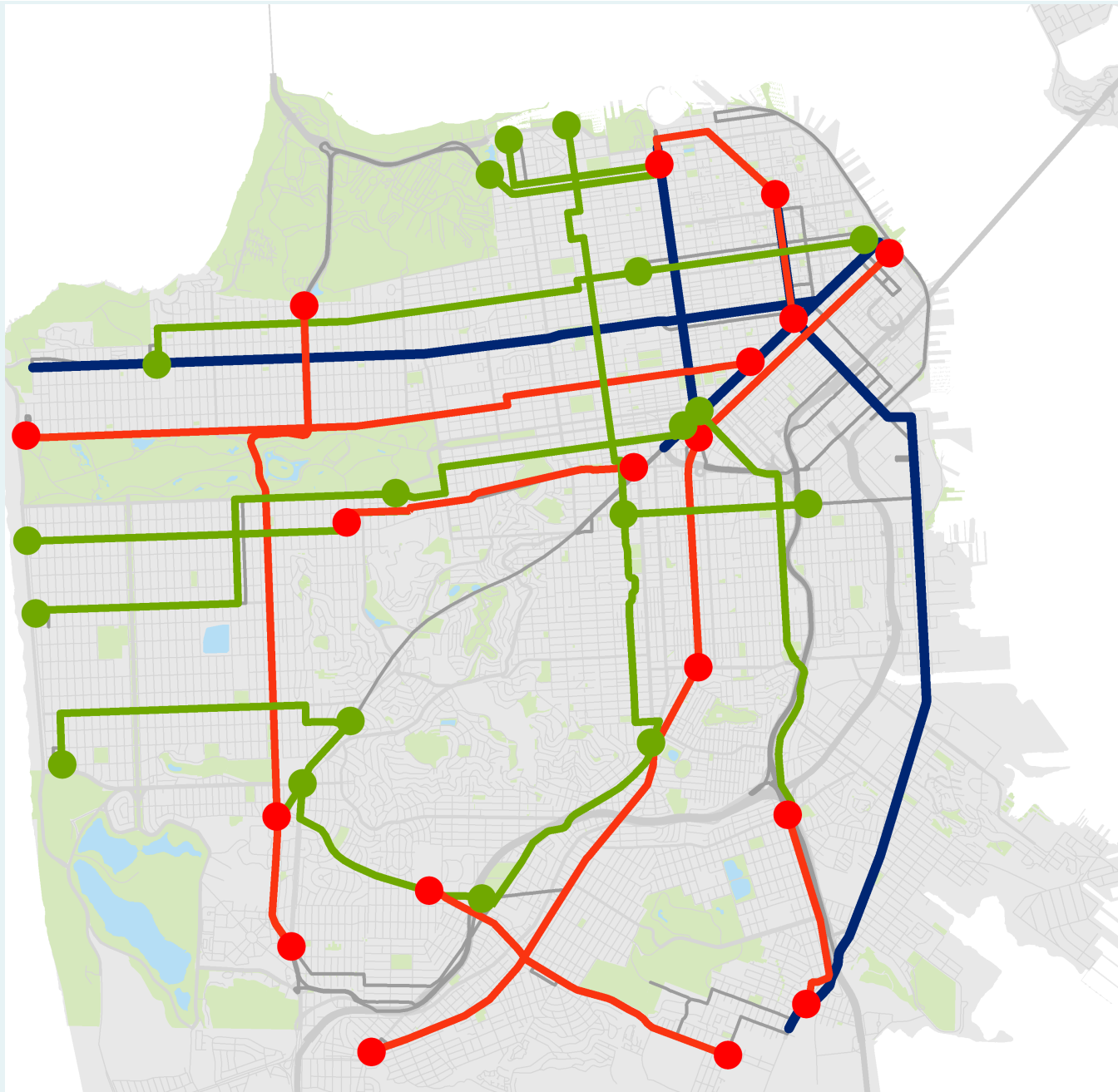


# SFMTA Rapid Transit Network





## Transit Effectiveness Project: Priority Segments



**Transit Effectiveness Project: Completed Projects**





**Bus Rapid Transit: Van Ness**



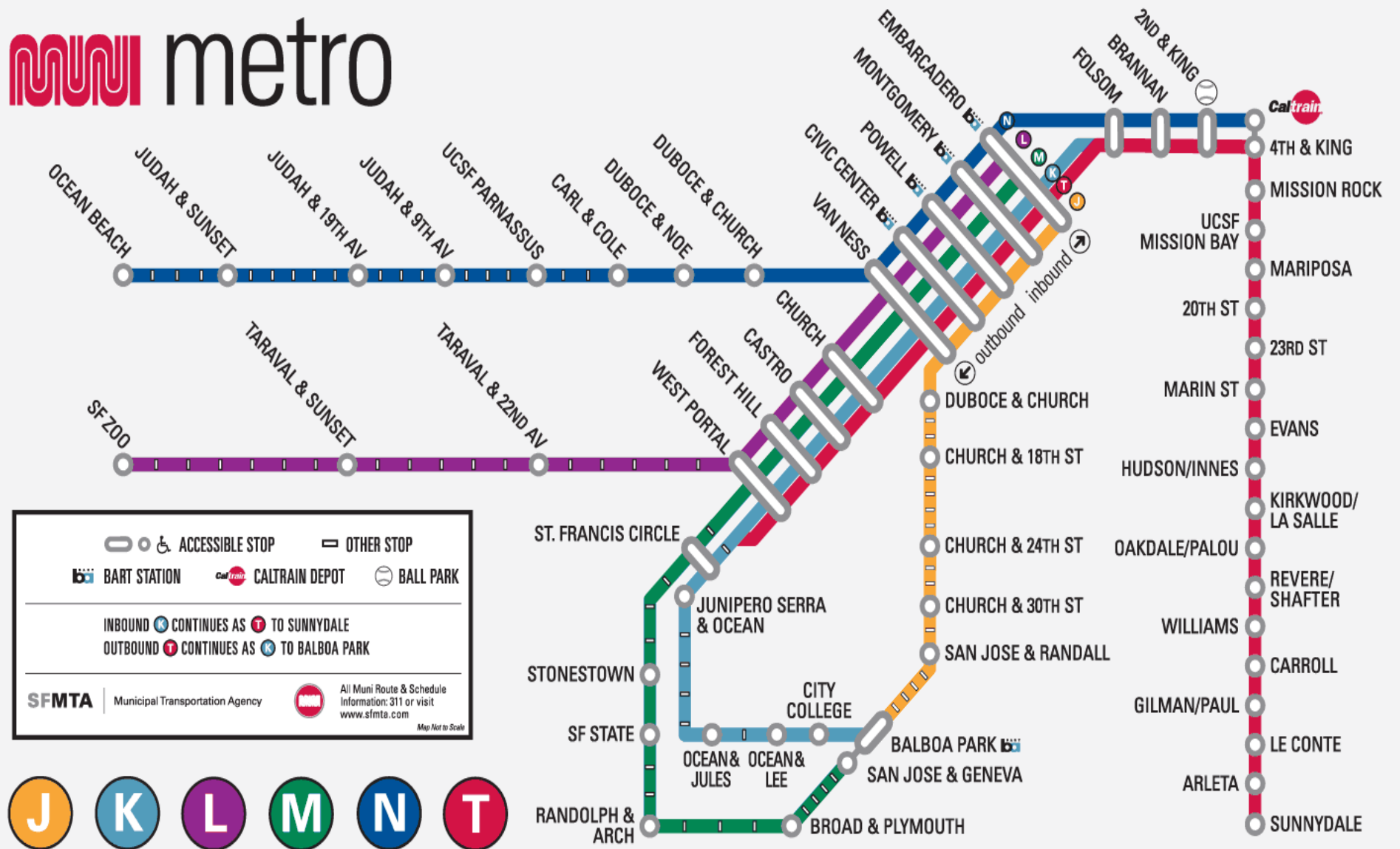


**Bus Rapid Transit: Geary & Harney Way**





# T-Third Central Subway



# Strategic Rail Capacity & Fleet Plan

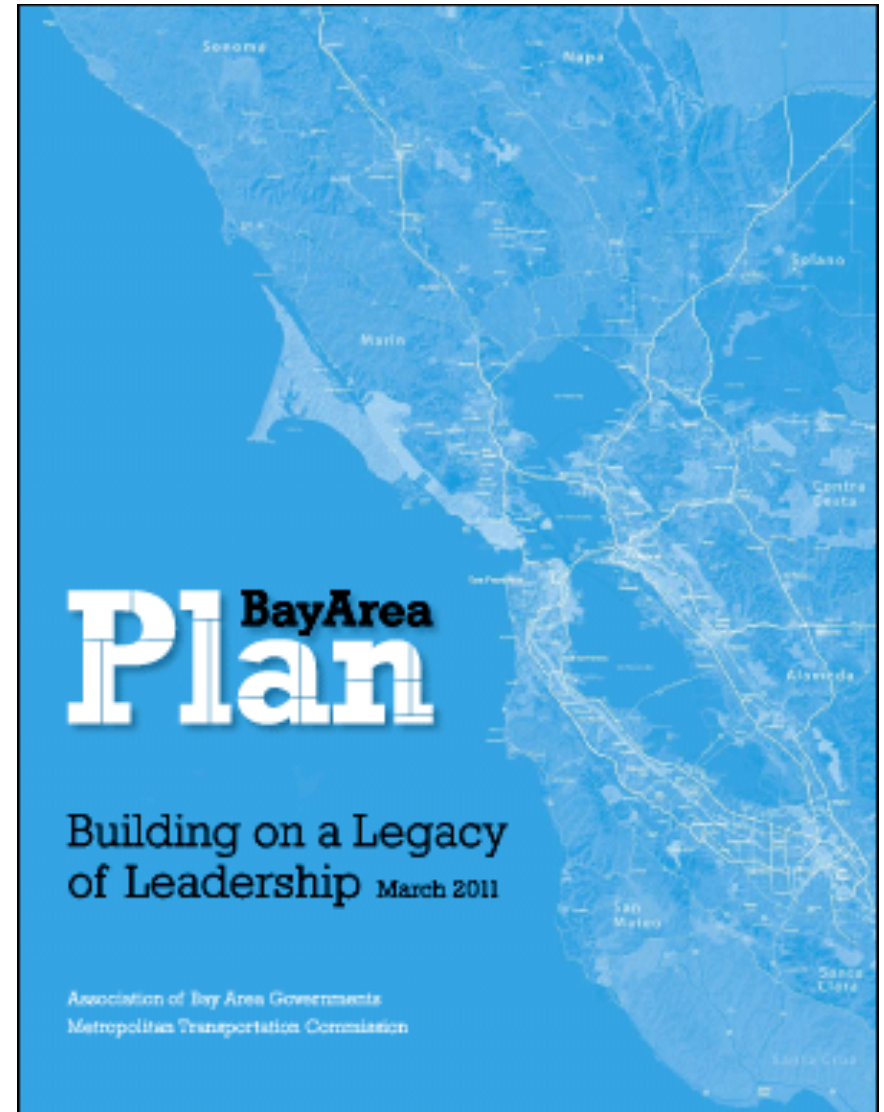


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# SAN FRANCISCO

## TRANSPORTATION PLAN

# 2035



**Next Steps: Transportation Prioritization**