

# San Francisco Delegation Mexico City Tour

BRT and Bike Sharing in  
the San Francisco Context



**SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY**  
**SAN FRANCISCO COUNTY TRANSPORTATION AUTHORITY**

# MB Metrobús 2012

145,000 pax / day  
17 km – 85 buses

MB  
L3

MB  
L1

380,000 pax / day  
28 km – 54 buses

MB  
L4

65,000 pax / day  
28 km – 54 buses

MB  
L2

175,000 pax / day  
20 km – 85 buses

MB  
L1  
SUR

85,000 pax / day  
10 km – 30 buses

Length

**95 km**

Stations and  
terminals

**150**

Ridership

**850,000**  
pax/día

Fleet

**365**

# Mexico City's Metrobus – Key Features

- **Exclusive lanes**
- **Metro type stations**
- **Smart card**
- **High capacity buses**
- **Measured and scheduled operation**



# Mexico City's Metrobus – Key Features

- **Exclusive lanes**
- Metro type stations
- Smart card
- High capacity buses
- Measured and scheduled operation





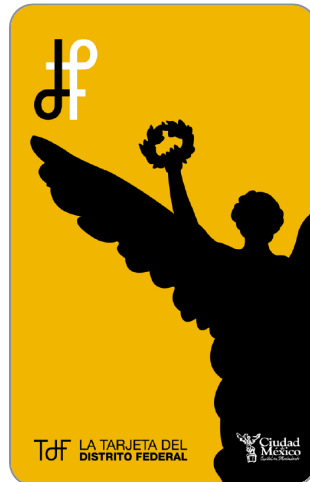
# Mexico City's Metrobus – Key Features

- Exclusive lanes
- **Metro type stations**
- Smart card
- High capacity buses
- Measured and scheduled operation



# Mexico City's Metrobus – Key Features

- Exclusive lanes
- Metro type stations
- **Smart card**
- High capacity buses
- Measured and scheduled operation



# Mexico City's Metrobus – Key Features

- Exclusive lanes
- Metro type stations
- Smart card
- **High capacity buses**
- Measured and scheduled operation



12 m



18 m



25 m



# Mexico City's Metrobus – Key Features

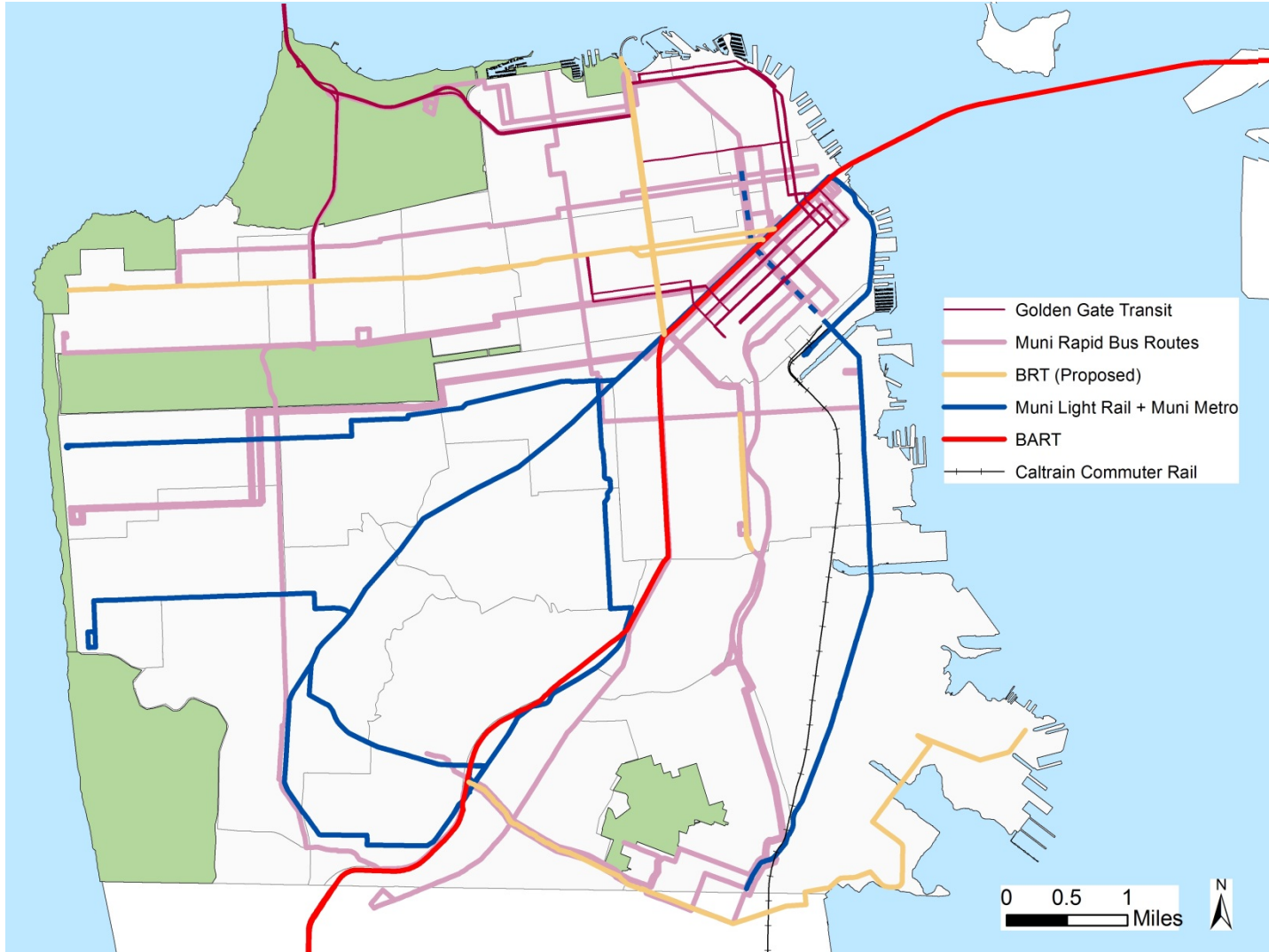
- Exclusive lanes
- Metro type stations
- Smart card
- High capacity buses
- **Measured and scheduled operation**

**Up to 72 vehicles per hour per direction!**



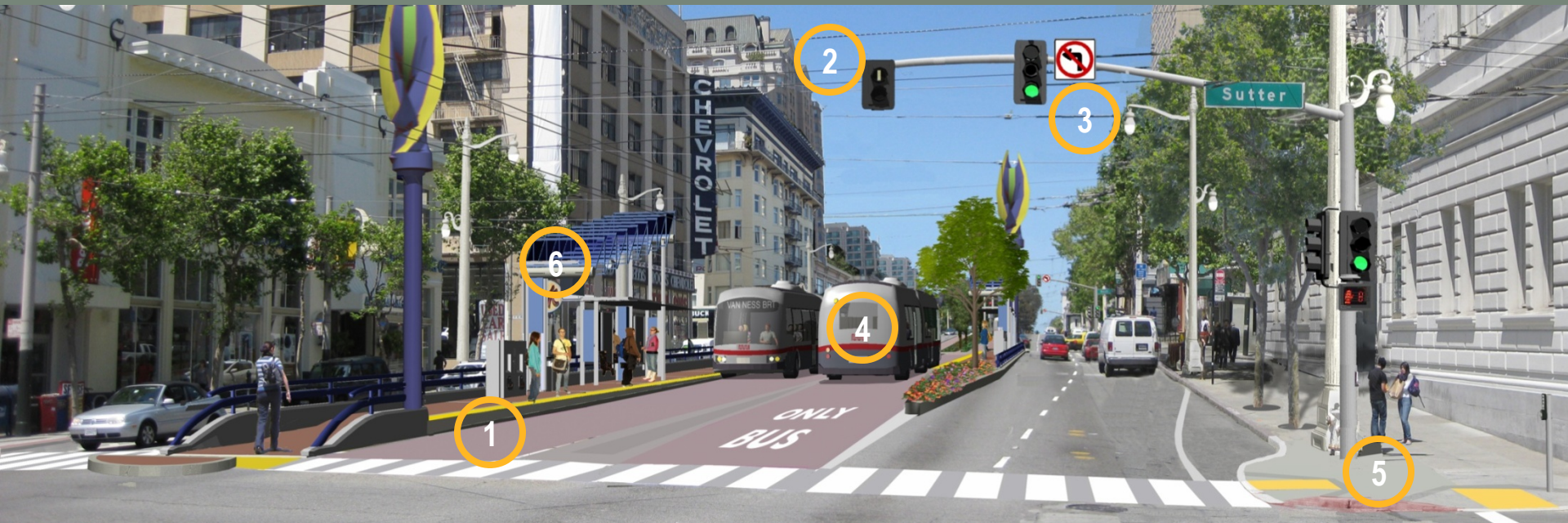
# San Francisco BRT Network Context

- Rail network designed to feed downtown from south and west
- BRT network proposed to fill gaps... and support citywide local “rapid” and regional networks





# Features of San Francisco BRT



- ① Dedicated transit lane
- ② Transit signal priority
- ③ Traffic signal optimization

- ④ All-door boarding and low-floor vehicles
- ⑤ Pedestrian safety enhancements
- ⑥ High-quality shelters

# Van Ness and Geary BRT: Context and Solutions to Challenges

- **SF Context: dense street grid, high pedestrian volumes, competition for signal and right space at intersections**
- **Challenges:**
  - Delays from mixed traffic, signals, operations
  - Rail bias, negative image of the bus
  - Lack of funding
- **Two goals:**
  - Faster, more reliable transit
  - More ‘complete streets’

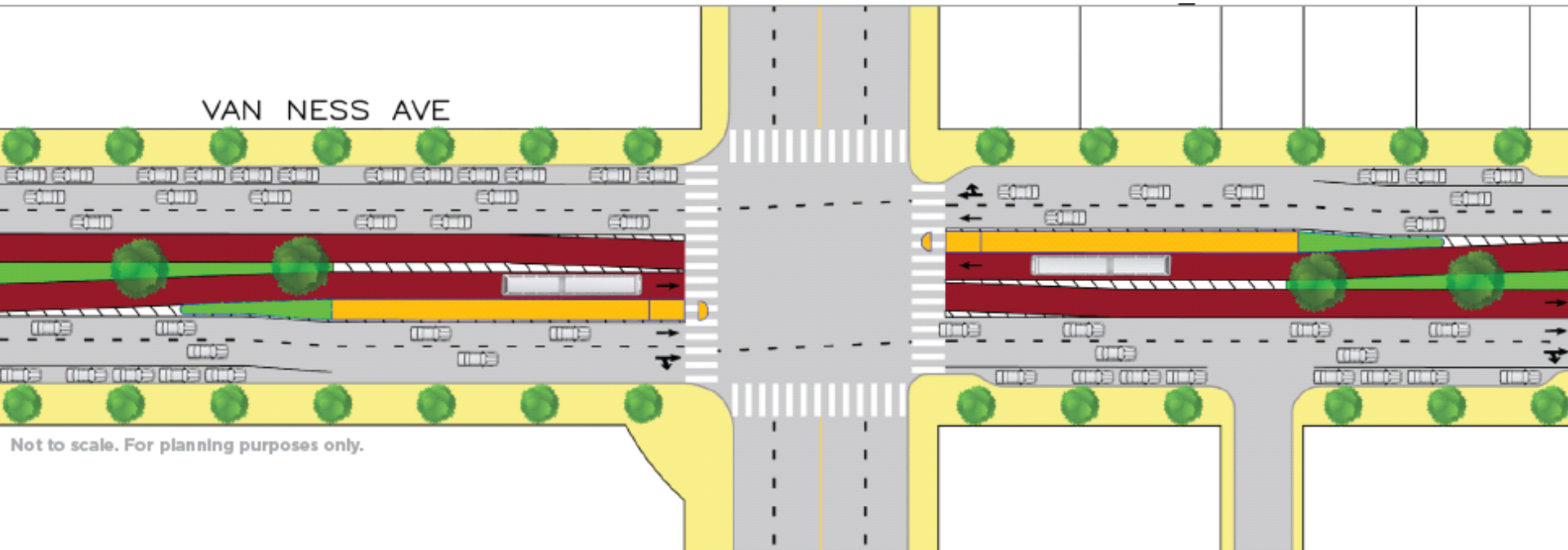


# Van Ness and Geary BRT: Quick Comparison with Metrobus

	<b>Van Ness corridor</b>	<b>Geary corridor</b>	<b>Metrobus</b>
<b>Bus Routes</b>	SFMTA 47 & 49, Multiple GGT Routes; shuttles	38, 38L, 38AX, 38BX, GGT Route	Line 1
<b>Daily Passengers</b>	38,000 (existing); 32% increase anticipated	55,000 (existing)	450,000
<b>Total Length [miles]</b>	2	7	18.6
<b>Stations [per direction]</b>	9	20-25 BRT 40-50 local	46
<b>Buses per hour per direction</b>	15	Existing: 25 Proposed: up to 40	72



# San Francisco BRT Alignment Van Ness - Dedicated Center Lane, Limited Left Turn



# Project Schedules

## Van Ness

- **Final EIS/EIR to be certified summer, 2013**
- **Design underway**
- **Construction to begin in 2015, completed in 2017**
- **Revenue operations in Winter 2017/18**

## Geary

- **Public Draft EIS/EIR by end of 2013; certification in 2014**
- **Design in 2015-17**
- **Construction to begin in 2017, completed in 2019**
- **Revenue operations in 2019**





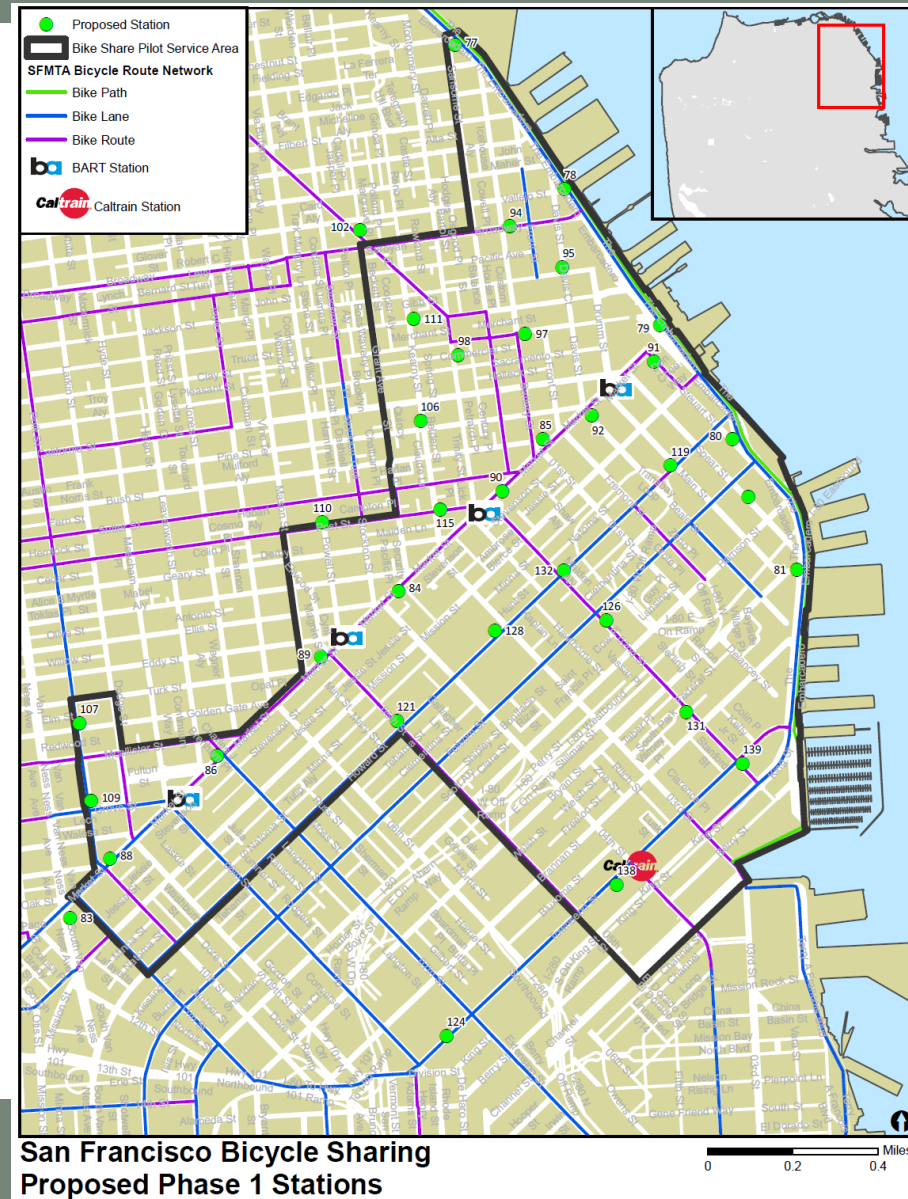
# Mexico City Bike Sharing: Ecobici

- Launch in 2010
  - 1,200 bicycles, 90 stations
- After second year
  - More than 30,000 users
  - More 3,500,000 trips
  - 8,500 daily trips
- Significant expansion in three phases
- Paired with infrastructure improvements
  - Paseo de la Reforma Bike Lane
  - Ciclotón (bicycle tornado – 500,000 cyclists)



# Bay Area Bike Share

- Launch in August, 2013
  - 700 bicycles, 70 stations throughout the region
  - 350 bicycles, and 35 stations throughout downtown
- Pilot with evaluation, led by Regional Air District
- Planned expansion in winter 2013/14 will double the number of bikes and stations in SF







[www.vannessbrt.org](http://www.vannessbrt.org)  
[www.gearybrt.org](http://www.gearybrt.org)