

*Draft Transportation 2035 Plan  
for the San Francisco Bay Area*

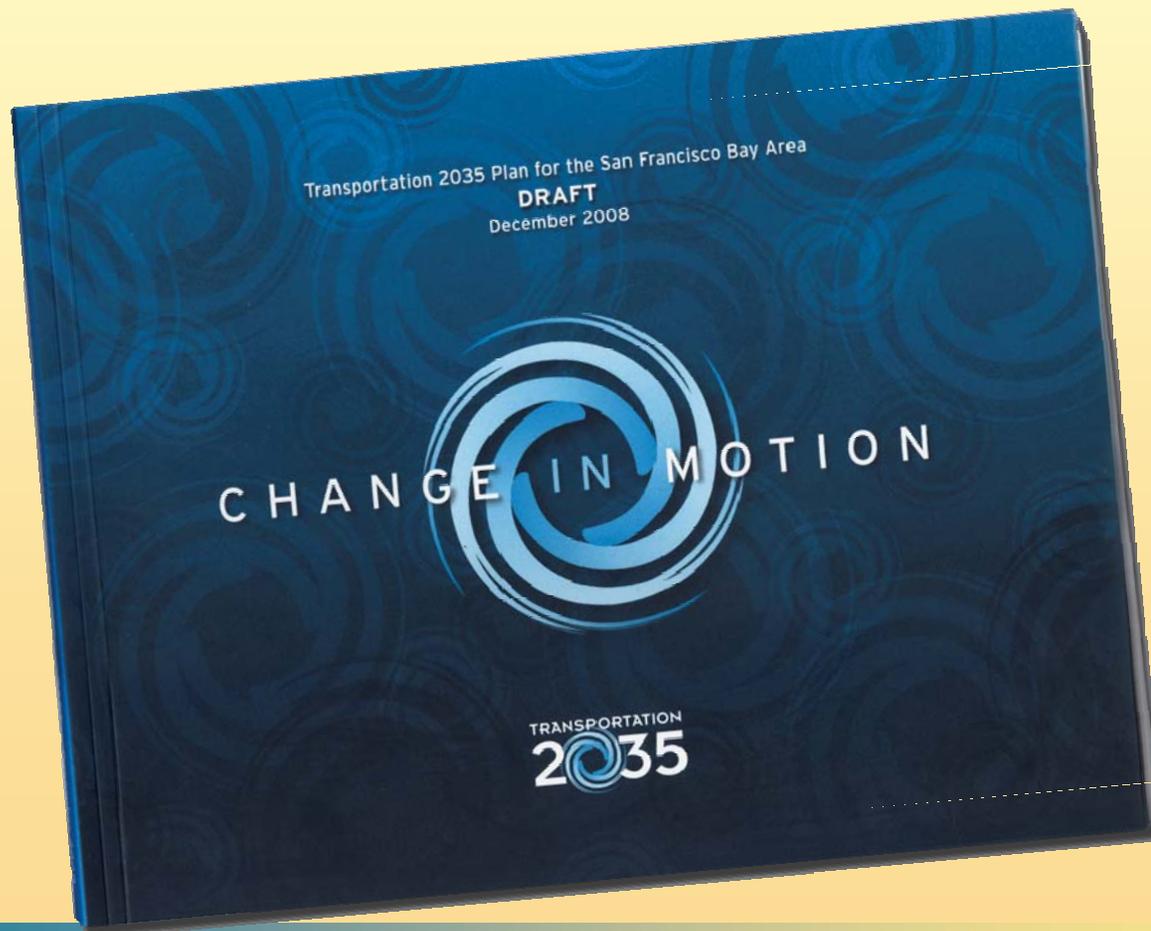


CHANGE IN MOTION

January 2009

# *Transportation 2035*

**Long-range transportation plan for investing \$226 billion in projected revenue expected to flow to the Bay Area over next 25 years**



# *Extensive Transportation 2035 Public Outreach & Involvement*

## **Two-year planning effort allows thousands to shape Bay Area transportation priorities:**

- “Bay Area on the Move” Regional Forum (700 participants)
- 9 MTC advisory committee workshops
- 2 roundtable discussions with key “Three E” leaders
- 13 workshops around the region (650 participants)
- 2 statistically valid telephone surveys, offered in three languages (5,400 respondents)
- 2 Web surveys (over 3,000 completed surveys)
- 200+ person-on-the-street multilingual interviews
- 9 focus groups, one per county (some 100 residents)
- 10 multilingual focus groups with non-profits in low-income communities and communities of color (150 residents)
- 3 Tribal consultations and one with federal and state resource agencies

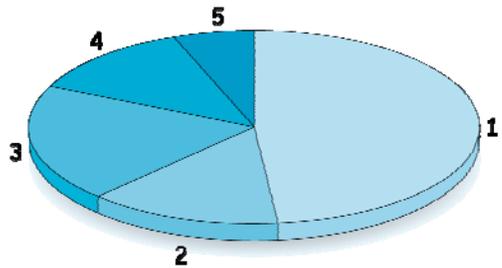
# *Snapshot of Bay Area in 2035*

- **2 million more people, 2 million more jobs**
- **Daily auto trips grows by 32 percent**
- **Vehicle miles travel grows by 33 percent**
- **Carbon dioxide emissions reduced by 14 percent**
- **Particulate matter emissions increase up to 30 percent**



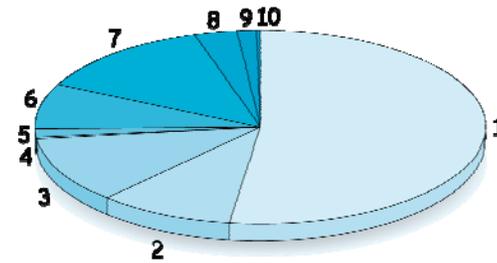
# *\$226 Billion Transportation 2035 Budget*

## Projected 25-Year Plan Revenues



	Billions of Dollars	Percent of Total
<b>1 Local</b>	<b>\$110</b>	<b>48%</b>
<b>2 Regional</b>	<b>\$ 31</b>	<b>14%</b>
<b>3 State</b>	<b>\$ 45</b>	<b>20%</b>
<b>4 Federal</b>	<b>\$ 27</b>	<b>12%</b>
<b>5 Anticipated/Unspecified</b>	<b>\$ 13</b>	<b>6%</b>
<b>Total Plan Revenues</b>	<b>\$226</b>	<b>100%</b>

## Transportation 2035 Plan Expenditures



	Billions of Dollars	Percent of Total
<b>Maintenance</b>		
<b>1 Transit</b>	<b>\$119</b>	<b>52%</b>
<b>2 Highway</b>	<b>\$ 22</b>	<b>10%</b>
<b>3 Local Roads</b>	<b>\$ 25</b>	<b>11%</b>
<b>System Efficiency</b>		
<b>4 Transit</b>	<b>\$ &lt;1</b>	<b>&lt;1%</b>
<b>5 Highway</b>	<b>\$ 3</b>	<b>1%</b>
<b>6 Local Roads</b>	<b>\$ 17</b>	<b>8%</b>
<b>Expansion</b>		
<b>7 Transit</b>	<b>\$ 29</b>	<b>13%</b>
<b>8 Highway</b>	<b>\$ 7</b>	<b>3%</b>
<b>9 Local Roads</b>	<b>\$ 3</b>	<b>1%</b>
<b>10 Risk Contingency</b>	<b>\$ &lt;1</b>	<b>&lt;1%</b>
<b>Total Expenditures</b>	<b>\$226</b>	<b>100%</b>

# Investing in Change

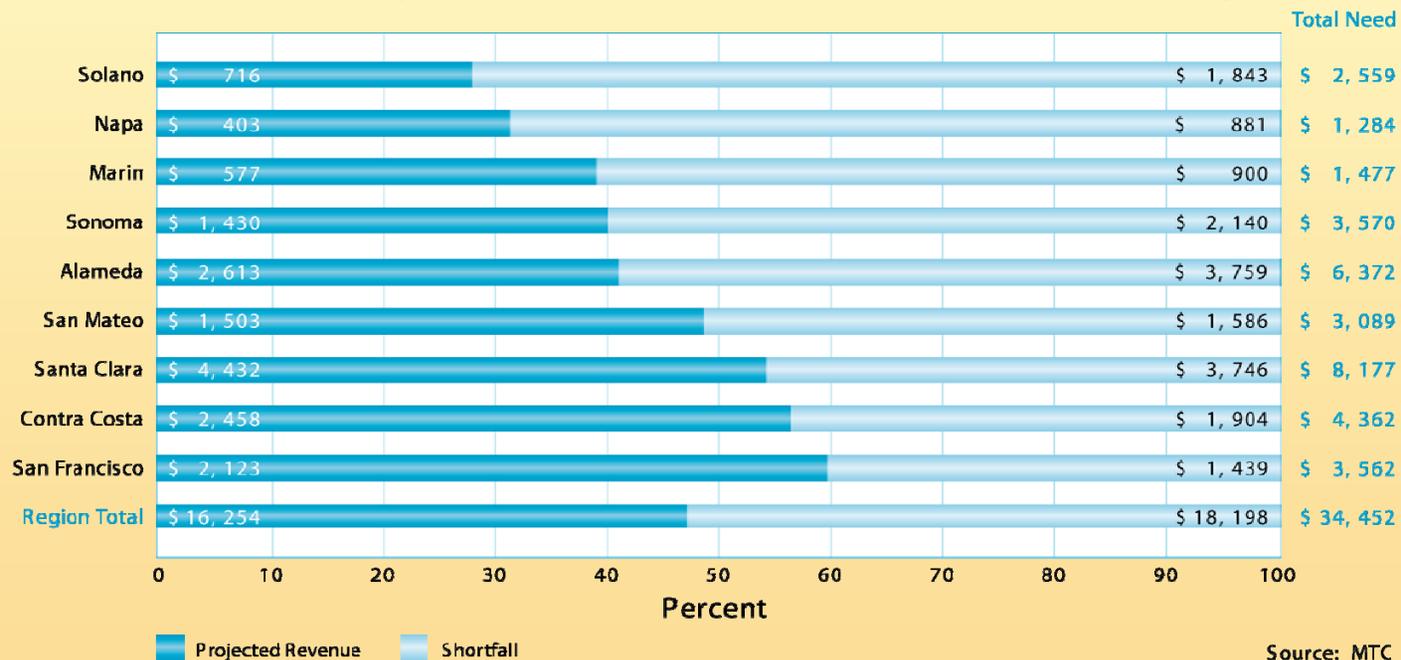
## Local Roadway Maintenance

### Change in Motion

\$7 billion to prevent further deterioration of local streets and roads

### Road Maintenance Expenditures by Bay Area County, 2009–2033 Ranked by Relative Size of Shortfall

Dollar amounts in millions; Projected Revenue does not include Transportation 2035 discretionary funds.



**\$11 Billion Shortfall Remains**

# Investing in Change

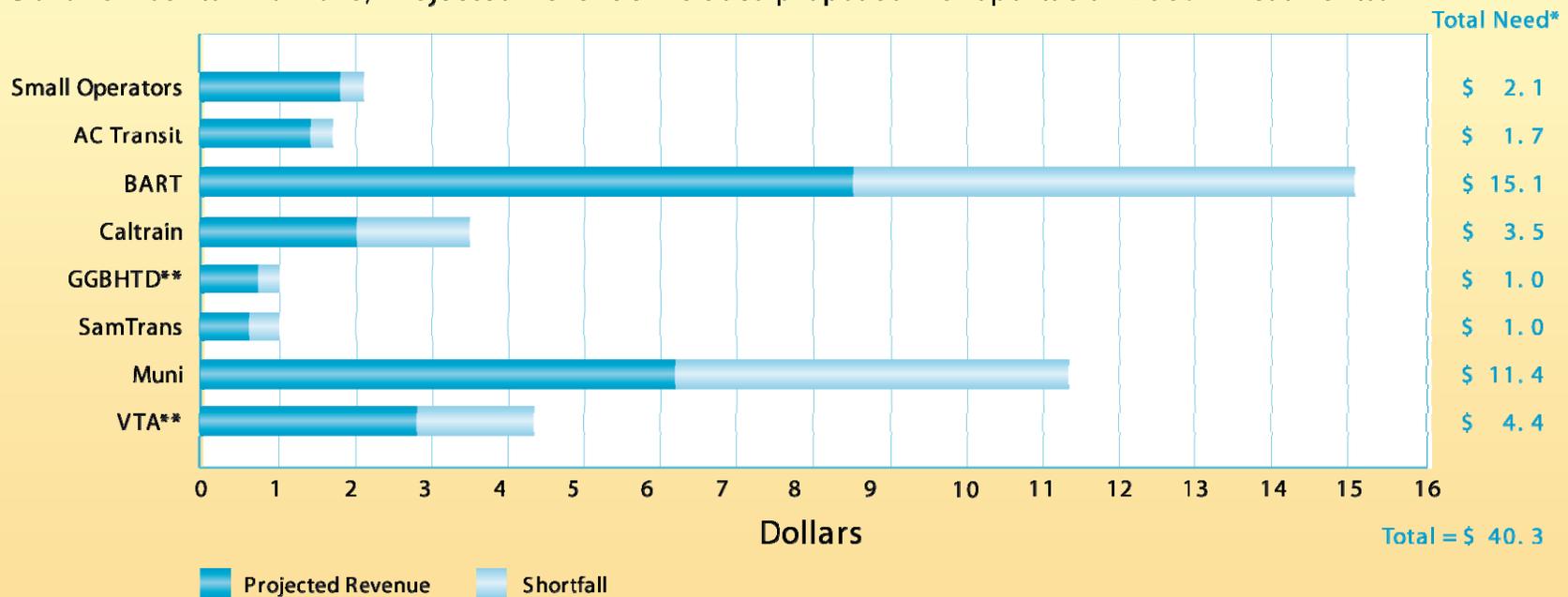
## Transit Maintenance

### Change in Motion

\$6.4 billion for transit capital expenses

### Transit Capital Replacement Costs by Operator, 2009–2033

Dollar amounts in billions; Projected Revenue includes proposed Transportation 2035 investments.



\* Total transit capital replacement needs are estimated based on data available from each operator at the time of the analysis. Commission policy that directs regional discretionary funding to cover the shortfall may take into account differences in 25-year projected shortfalls and needs identified in the near term.

\*\* VTA = Santa Clara Valley Transportation Authority; GGBHTD = Golden Gate Bridge, Highway and Transportation District

Source: MTC

## \$16 Billion Shortfall Remains

# *Investing in Change*

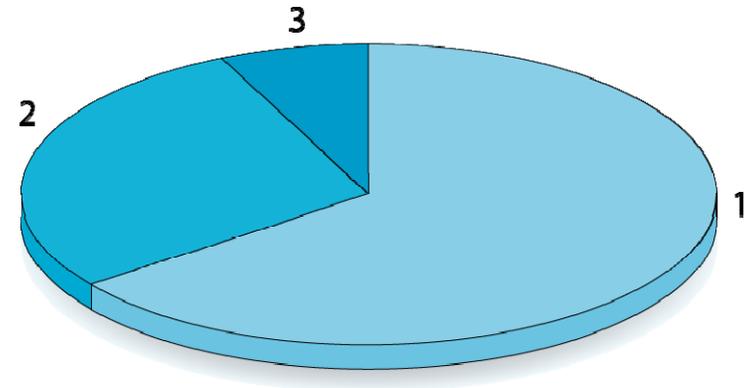
## *Transportation Climate Action Campaign*

### *Change in Motion*

\$400 million for regional Transportation Climate Action Campaign

\$45 million to Goods Movement Emissions Reduction Program

### Importance of Global Warming



	Percent of Total
1 Extremely Important	65%
2 Somewhat Important	28%
3 Not Important	7%
<b>Total</b>	<b>100%</b>

Fall 2007; 1,800 residents

Sources: MTC; BW Research

# Investing in Change Freeway Performance Initiative

## Change in Motion

\$1.6 billion to Freeway Performance Initiative to manage freeway congestion

### Freeway Performance Initiative: Traffic Operations Systems and Ramp Metering

#### Traffic Operations Systems (TOS)

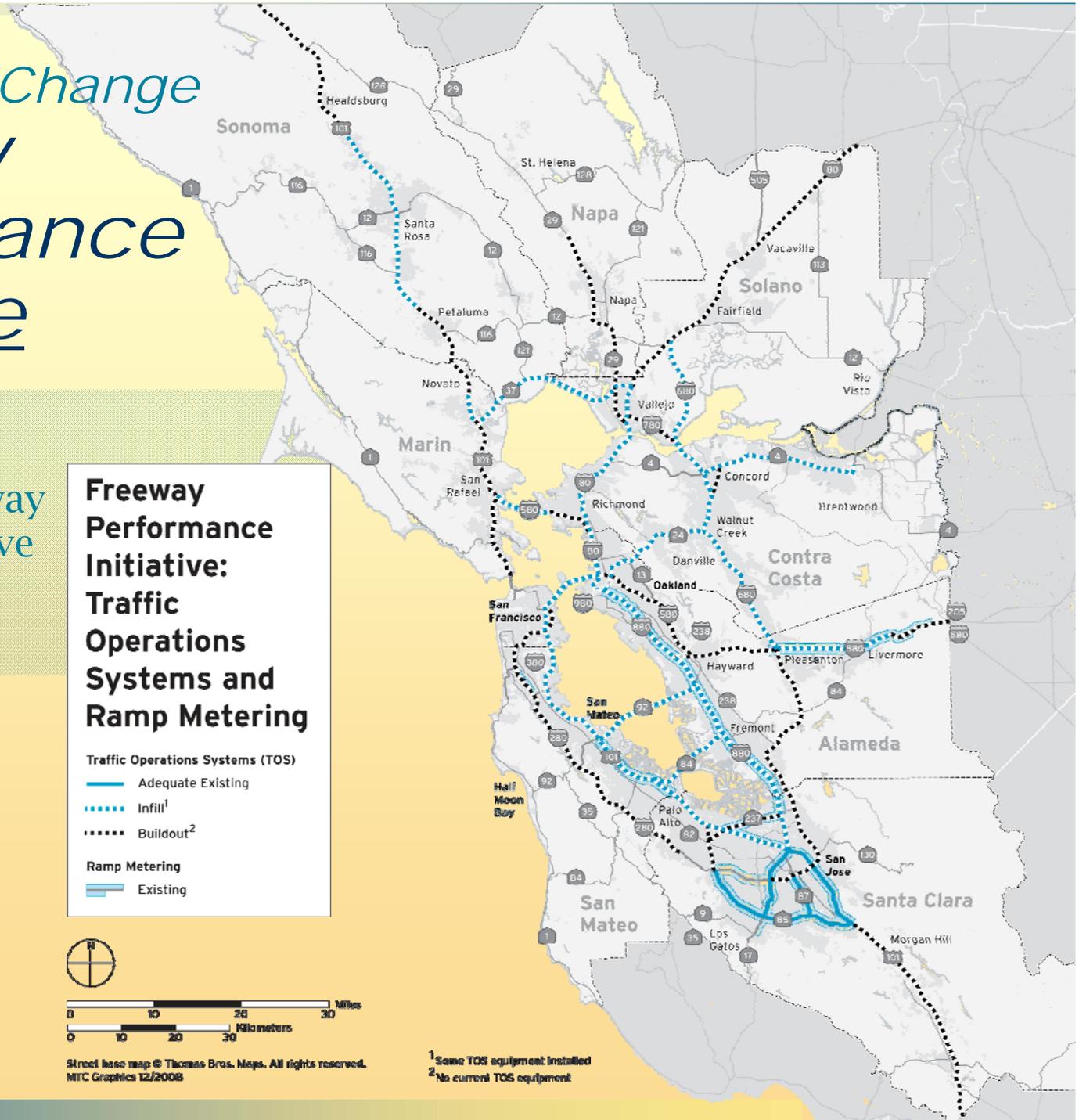
- Adequate Existing
- ⋯ Infill<sup>1</sup>
- ⋯⋯ Buildout<sup>2</sup>

- #### Ramp Metering
- Existing



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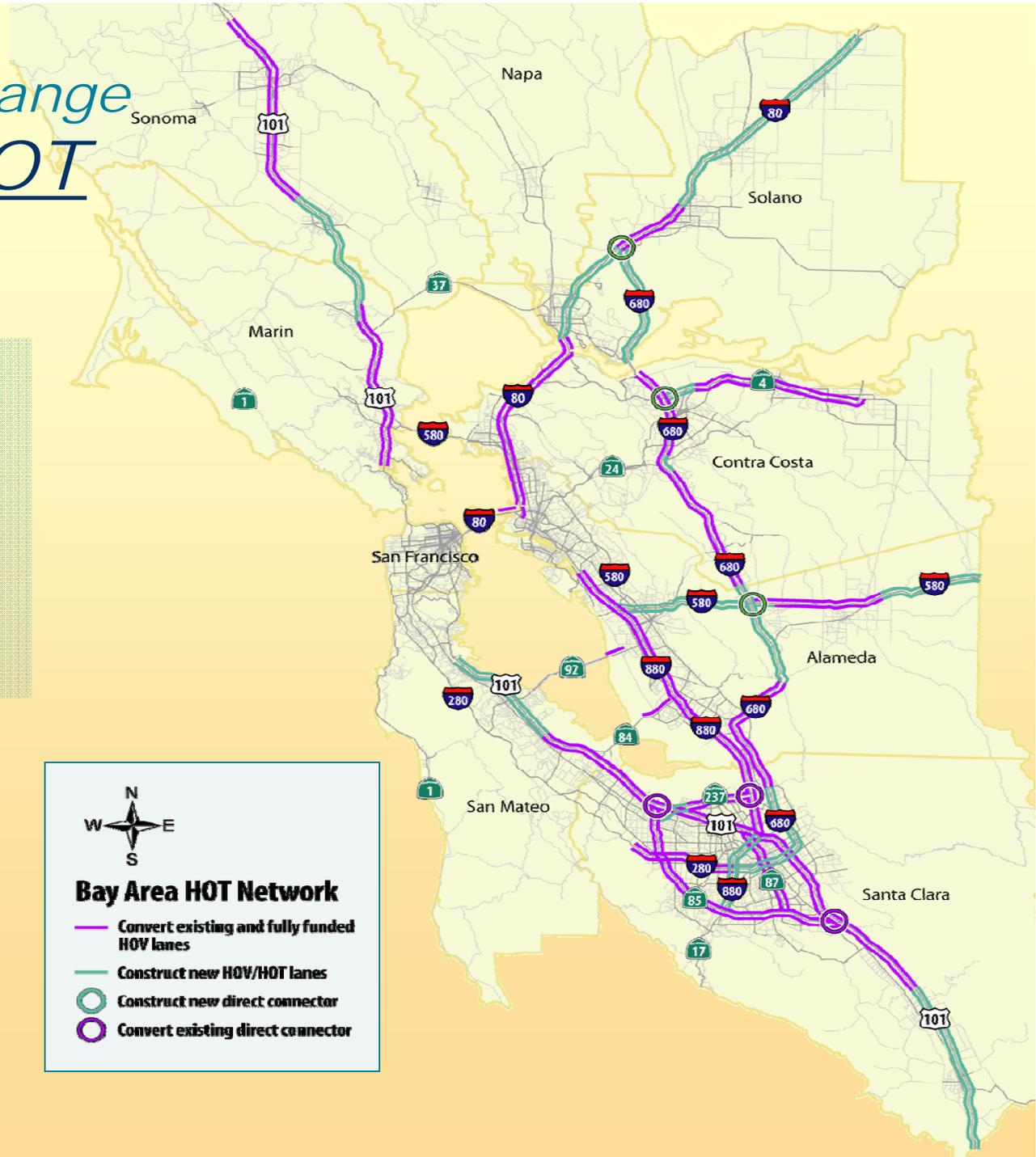
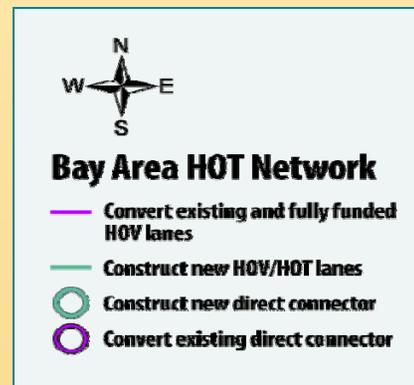
<sup>1</sup> Some TOS equipment installed  
<sup>2</sup> No current TOS equipment



# Investing in Change Regional HOT Network

## *Change in Motion*

Creates an  
800 mile Regional  
High-Occupancy Toll  
(HOT) Network on Bay  
Area freeways



# *Investing in Change Lifeline, Bikes, TLC, & FOCUS*

## *Change in Motion*

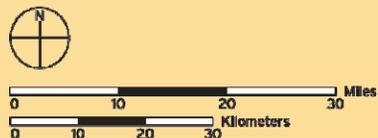
\$400 million for Lifeline  
Transportation Program

\$1 billion for Regional  
Bicycle Network

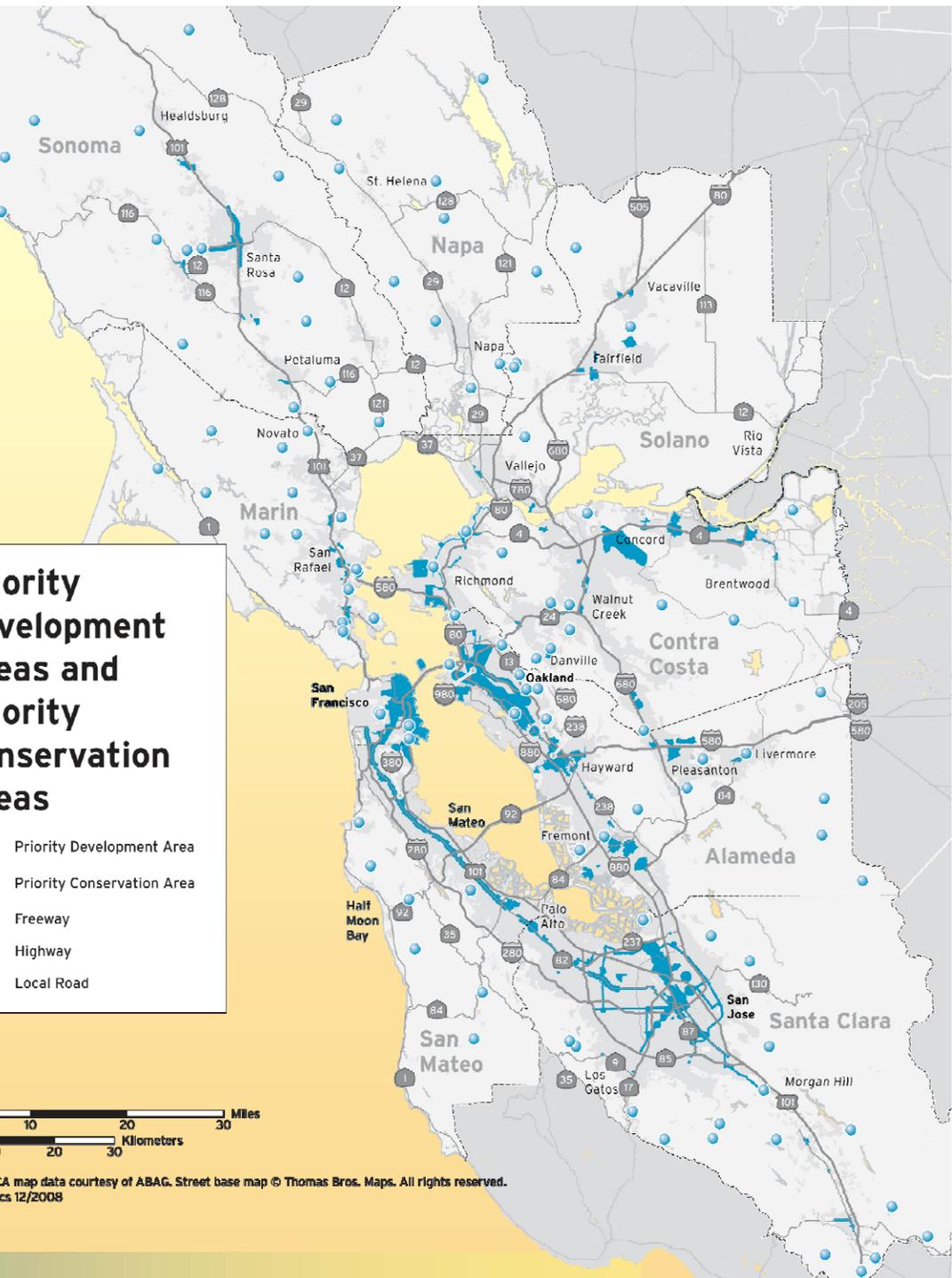
\$2.2 billion for  
Transportation for Livable  
Communities Program

**Priority  
Development  
Areas and  
Priority  
Conservation  
Areas**

- Priority Development Area
- Priority Conservation Area
- Freeway
- Highway
- Local Road



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# Investing in Change Resolution 3434

**Change in Motion**  
Focuses on delivering \$18 billion in key transit expansion projects

## Resolution 3434 Bus, Rail & Ferry Network

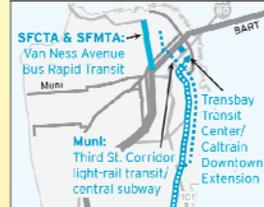
### Rail Projects

-  Rail Service Upgrade
-  Rail Extension
-  Existing Rail

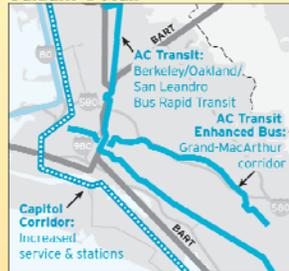
### Bus and Ferry Projects

-  Express Bus Route
-  Bus Rapid Transit Route
-  Proposed Ferry Route

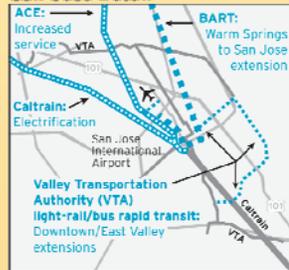
### San Francisco Detail



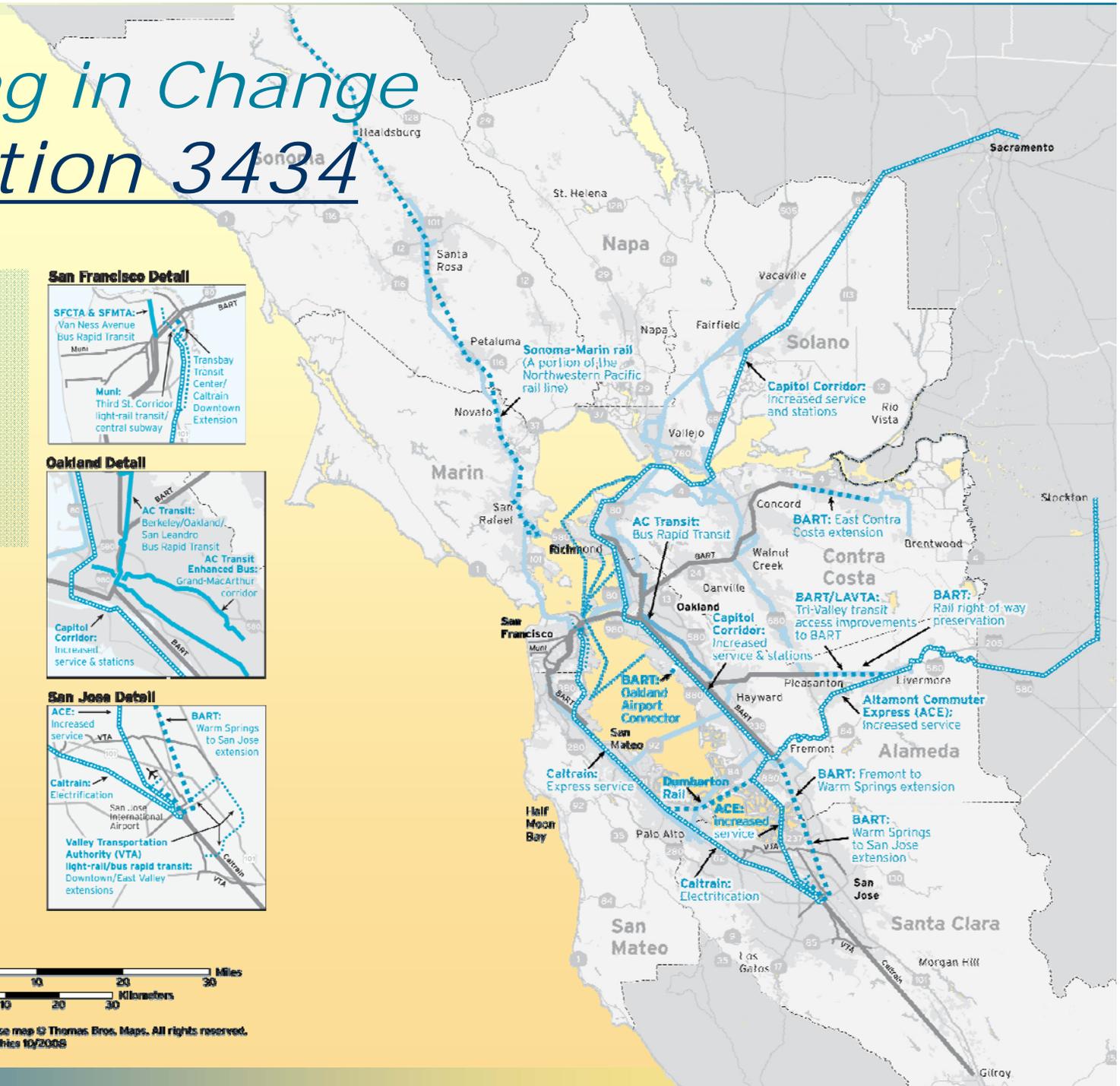
### Oakland Detail



### San Jose Detail



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# *Transportation 2035: Next Steps*

- **Public Hearings:**
  - Tuesday, January 27, 7 p.m., San Francisco
  - Wednesday, January 28, 10:05 a.m., Oakland
- **Public Comment Period for Draft EIR Closes at 4 p.m., Monday, February 2**
- **Public Comment Period for Draft Transportation 2035 Plan Extends through 4 p.m., Monday, March 2**
- **March 13 Planning Committee Action**
- **March 25 Full Commission Action**