Stakeholder Input Requested: Transportation Network Assumptions

Special Plan Bay Area Stakeholder Meeting

August 31, 2011

Agenda

Part One: Land Use Assumptions (1.5 hours)

1. **Land Use Development Patterns**
   - Focus Growth (Scenario #3)
   - Constrained Core Concentration (Scenario #4)
   - Outer Bay Area Growth (Scenario #5)

Part Two: Transportation Network Assumptions (1.5 hours)

1. **Draft Significant Road & Transit Expansion Projects**
2. **Draft Transit Service Enhancements**

***Group discussion to follow each item**

5 Scenarios

	Land Use Pattern	Transportation Network
1	Initial Vision Scenario	T2035 Network
2	Core Concentration	Core Capacity Transit Network
3	Focused Growth	Core Capacity Transit Network
4	Constrained Core Concentration	Core Capacity Transit Network
5	Outer Bay Area Growth	T2035 Network

Approach to Identifying Significant Roadway and Transit Projects

- **Committed Projects – included in both transportation networks**
- **Draft list of significant roadway and transit projects**
  - Not a final list (see next steps)
  - Significant roadway and transit projects for Transportation 2035 Network are derived from the adopted Transportation 2035 Plan
  - Significant roadway and transit projects for Core Capacity Transit Network are identified to support the focused growth and core concentration growth patterns
- **Next steps**
  - Obtain feedback from transportation partners and stakeholders
  - Review project performance assessment results
  - Compare draft project lists with budget

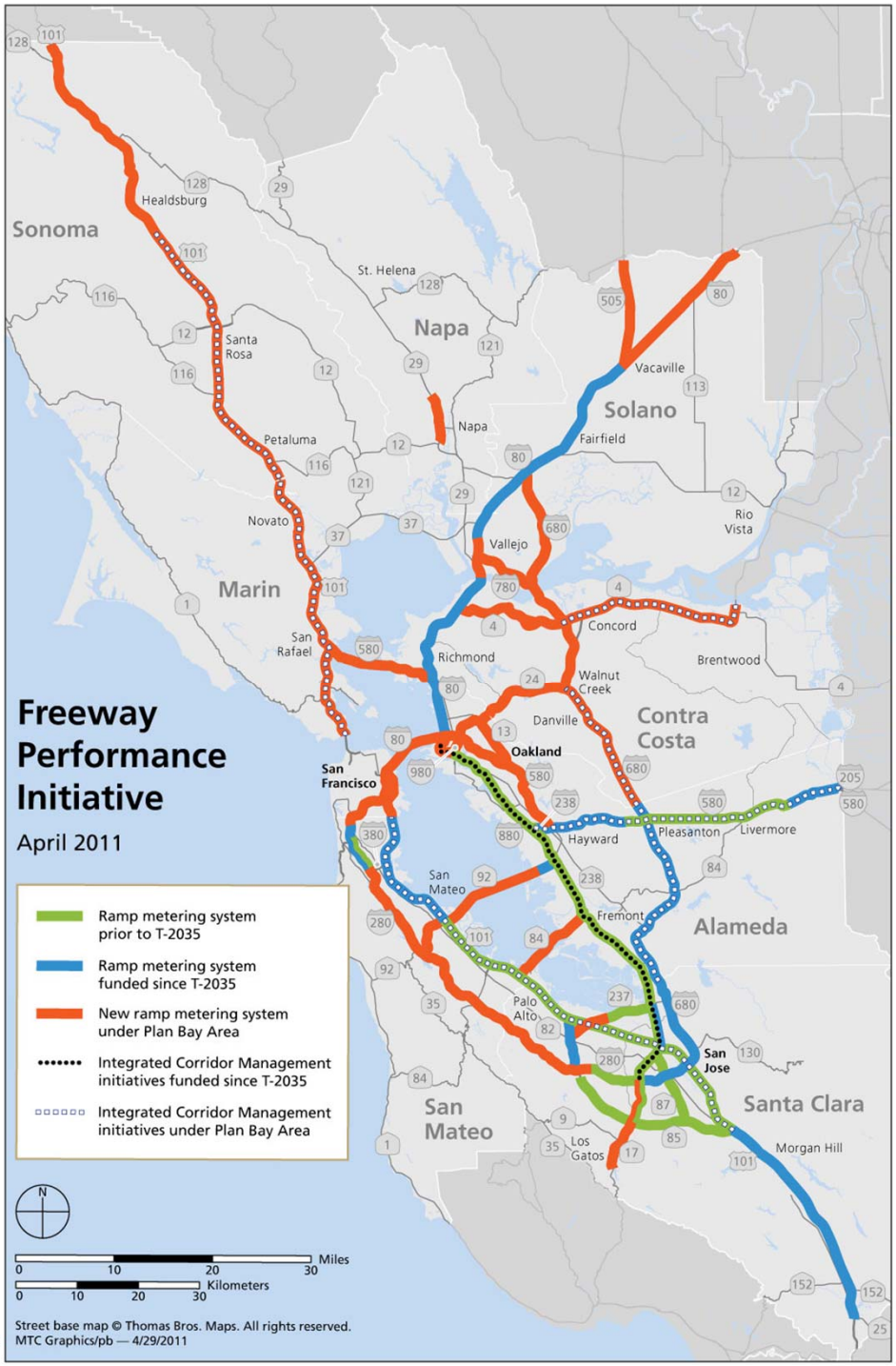
Freeway Performance Initiative (FPI)

Ramp Metering

- **500 ramp metering locations per T2035 ($222 million)**
- **300 additional ramp metering locations proposed ($100 million requested)**

Signal Timing Coordination

- **7,800 arterial traffic signals proposed for signal timing ($194 million requested)**



BayArea Plan

Policy Initiatives

Transportation Demand Management

- Implement commuter benefits ordinance (CBO) requiring employers above minimum threshold to provide commuter benefits (City of San Francisco)
- Implement more stringent CBO for all employers locating in new developments that contain 100 or more jobs (San Mateo C/CAG)

Electric Vehicle (EV) Acceleration

- Estimate EV penetration rates that would be required to reduce GHG emissions by select percentages

Telecommuting

- Evaluate the impacts of increased rates in telecommuting

Parking Policies

- Evaluate the impacts of variable parking and employer cash-out programs

Bicycle Improvements

- Build out of Regional Bicycle Network
- Build out of Regional Bicycle Network Plus All Bicycle Links in County/Local Plans

Safe Routes to Schools (SR2S)

- Expand SR2S to all K-12 schools in region

Pricing

- Treasure Island Congestion Pricing ($5 per vehicle charge for TI residents entering/existing island during AM and PM peak hours)

Approach to Adding Transit Service

- **Purpose**
  - Using efficiency savings, increase transit service to …
  - … Serve the land use pattern's travel demand …
  - … In an equitable manner
- **August 16 Presentation**
  - Overview of large land use changes in the DRAFT "Maximum Growth" scenario
  - Overview of large changes in transit demand in this scenario
  - Equity considerations
    - Low income commute demand map is available here: http://geocommons.com/maps/93222
    - How well do the identified routes meet your expectations in regards to serving communities of concern and the aging population?

Approach to Adding Transit Service

- **Distribute *DRAFT* list of proposed frequency increases**
  - Not a final list (see next steps)
  - Based on the demand analysis presented August 16
  - *Does* include increases to service that is either existing or committed
  - *Does not* include (or preclude) increases in frequencies that may be associated with capital projects (e.g. Caltrain 2025)
- **Next steps**
  - Reconcile frequency increases with capital projects
  - Discuss approach with transit providers
  - Compare proposed service increases with efficiency budget
  - Obtain feedback from stakeholders

Next Steps for Transportation Networks

- **Finalize transportation network assumptions (by early September)**
- **Code networks, perform model runs, & analyze results (start in mid-September)**
- **Release results and start public outreach (by mid/late-October)**