Proposed Final
Transportation-Air Quality Conformity Analysis
for the Transportation 2035 Plan and
2009 Transportation Improvement Program/Amendment #09-06

CHANGE IN MOTION

Planning Committee
April 10, 2009

Purpose of Conformity Analysis

- Addresses the financially constrained Transportation 2035 Plan and 2009 TIP/Amendment #09-06
- Ensures that the Plan and TIP are consistent with the purpose of the federal air quality plan (which is referred to as the State Implementation Plan, or SIP)
- Determines whether the Plan and TIP provide for timely implementation of Transportation Control Measures (TCMs)
- Assesses whether motor vehicle emissions from Plan and TIP are lower than transportation conformity budget in SIP for national 8-hour ozone standard and national carbon monoxide standard

Ozone Precursor Emissions Are Lower than Conformity Budget

Emissions Budget Comparisons for Ozone Precursors (Tons/Day)

Year	VOC Budget*	On-Road Motor Vehicle Emissions**
2015	164	72
2025	164	49
2035	164	37
Year	**NO_x Budget***	**On-Road Motor Vehicle Emissions****
2015	270.3	108
2025	270.3	59
2035	270.3	42

*VOC and NOx budgets are from the 2001 Ozone Attainment Plan

**These are net on-road motor vehicle emissions because TCM benefits are included

Carbon Monoxide Emissions Are Lower than Conformity Budget

Emissions Budget Comparisons for Carbon Monoxide (Tons/Day)

Year	CO Budget*	On-Road Motor Vehicle Emissions
2015	1,850	611
2018	1,850	533
2025	1,850	349
2035	1,850	269

**CO budget is from the 2004 Revision to the California State Implementation Plan for Carbon Monoxide, Updated Maintenance Plan for 10 Federal Planning Areas*

Federal Transportation Control Measures Are Fully Implemented

Federal TCM	Implementation Status
TCM A Regional Express Bus Program	Fully Implemented
TCM B Bicycle and Pedestrian Program	Fully Implemented
TCM C Transportation for Livable Communities	Fully Implemented
TCM D Additional Freeway Service Patrol	Fully Implemented
TCM E Transit Access to Airports	Fully Implemented

Conformity Findings

- Assessment was conducted consistent with US EPA's transportation conformity regulations and with the Bay Area Air Quality Conformity Protocol (MTC Resolution No. 3757)

- Plan and TIP provide for the implementation of TCMs

- For the national 8-hour ozone standard, motor vehicle emissions in the Plan and TIP are lower than the transportation conformity budget in the SIP

- For the national carbon monoxide standard, motor vehicle emissions in the Plan and TIP are lower than the transportation conformity budget in the SIP

Approval of Conformity Analysis

Staff Recommendation:

- **MTC Resolution No. 3891** makes a positive conformity determination on Transportation 2035 Plan and 2009 TIP, including Amendment #09-06

- **MTC Resolution No. 3875, Revised** adopts proposed amendments to the 2009 TIP as identified in Amendment #09-06