

Appendix E

Project Evaluation Measures

**2005 Regional Transportation Plan
SCCRTC Approved Evaluation Measures (2/04)**

Performance Measures	Base=today	2030 Projection
MAINTENANCE: Backlog of road maintenance and buses/bus facilities overdue for maintenance	\$140M backlog for roads; MetroBase	Decrease: More maint.; MetroBase to be completed
ENVIRONMENT: Smog forming pollutants - tons	88.62 tons of emissions from motor vehicles per day	19.95 tons of emissions from motor vehicles per day
EQUITY: Transportation expenditures per jurisdiction & per mode	For RTC programmed funds, see RTIP	Per Jurisdiction-See Appendix C Per Mode-See Figure 28
VEHICLE OCCUPANCY: Average vehicle occupancy on Highways 1 & 17	1.4 during AM peak; 1.2 during PM peak	Increase with addition of HOV lane and express bus service
CONGESTION: Vehicle hours of delay analysis*	Freeway: 488am-587pm Multilane: 92am-114pm Two lane: 9,299am-11,320pm	Freeway: 1,993am-2,374pm Multilane: 306am-371pm Two lane: 16,126am-19,592pm
COMMUTE: Average Commute time (minutes)	29.3	Will increase. Partly dependent on land use decisions/population increases
TRANSIT: Ridership	5,819,450/year	Increase with added bus service
TRANSIT: Number of jobs and housing units within 1/4 mile of transit stops (not route) on fixed routes.	Data not currently available	Could increase with added bus service, but partly dependent on land use decisions
PARATRANSIT: Number of paratransit & sr/disabled fixed route rides/% of population that is elderly or disabled**	806,326 rides available to 8% of population	Rides needed/provided to increase as elderly population projected to increase exponentially
BIKE: Miles of Class 1 & 2 bikeways	96.7	Increase by approx 5 miles
BIKE: Rate of reported bike collisions to population	1 per 1727	Decrease with added bikeways, safety programs
PEDESTRIAN: Miles of pedestrian facilities - sidewalks/paths	Data not currently available	Increase- Several RTP projects include new sidewalks and paths
PEDESTRIAN: Rate of reported pedestrian collisions to population	1 per 2911	Decrease with added sidewalks, safety programs

*Total AMBAG Region

**Reflects minimum number of trips that could be made based on annual sales of Senior and Disabled trip passes