

APPENDIX I

Highway and Local Street System Performance Measures

Outcome	Performance Measure	Indicator(s)	Data Source(s)
System Reliability	<p>1) State highways, county roads and local street closures and/or delays due to construction, road repairs, utility installation, and roadside maintenance that exceed 30 minutes.</p> <p>2) Travel time between selected origins and destinations on key Shasta county corridors. Needed for calibration of traffic model and assessing how proposed future transportation investments affect travel time for users of various modes.</p>	<p>1) Traffic flow delay: for occasional roadway closures of temporary nature, a time delay of twenty minutes or less would be the goal. For roadway closures of an extended nature, detour routes and/or traffic management programs shall be implemented that do not increase travel time by more than thirty minutes.</p> <p>2) Travel time benchmarks will be developed for up to six routes to determine average time on corridors between significant intersections.</p> <p>A) Hwy 273 to I-5 via South Bonnyview.</p> <p>B) I-5, Gas Point to SR151, measured at each interchange.</p> <p>C) Hwy 44 from Hilltop on ramp to Shasta View off ramp.</p> <p>D) Cypress from Pine Street to Churn Creek.</p> <p>E) Shasta County Courthouse to Mt Shasta Mall via Lake Blvd</p> <p>F) Hwy 273 from Bonnyview Rd to Deschutes Rd.</p>	<p>1) Caltrans, District 02 construction and maintenance traffic control plan reports and filings. Caltrans, District 02 incident management response reports and CHP incident reports; Shasta County Sheriffs Department, DOT reports; local agency records. and traffic surveillance reports from all law enforcement agencies</p> <p>2) SCRTPA staff and/or traffic engineering will conduct travel time studies and document on an annual basis. The indicator will be used to assess travel time and be useful in future analysis of plans and their affect on access to desired locations.</p>

Outcome	Performance Measure	Indicator(s)	Data Source(s)
Safety/ Security	1) Document and Improve Traffic Accident Rates for the Backbone and Local Street System for roadway segments that exceed the statewide average accident rate (for comparable facility type) by more than 25% to the statewide average rate or lower.	1) Track number of motor vehicle accidents of all categories (fatalities, injuries, property damage) per million vehicle miles over three year plan period.	1) Accident statistics from Caltrans, District 02, Safety Division; Accident reports and cumulative statistics from Police Departments and California Highway Patrol accident data; statewide traffic accident data reports; programmed safety projects in triennial STIP process.
Mobility/ Accessibility	1) Traffic flow on roadway segments and congestion/delay at key intersections measured at peak hour time periods and total 24-hour time period. Level of Service determinations for the selected roadway segments and intersections will be based on Caltrans and Local Agency criteria	1) Level of Service (LOS) estimated for selected roadway segments, using appropriate planning level methodology and intersection LOS values for selected inter-sections. Changes in LOS values can be used to evaluate traffic flow conditions. A goal of LOS C for roadway segments and LOS D for intersections as minimum levels for PM peak hour performance will be maintained.	1) Results of the baseline analysis of roadway segments compared with traffic volumes at end of RTP update time frame. The analysis will use selected ground counts, and applicable LOS methodology and software.
Sustainability/System Preservation	1) Pavement Condition for selected segments and routes of the local roadway system. The postponement of needed maintenance results in deterioration of pavement surface and increased cost of repair. Pavement condition is only one measure of roadway system quality.	1) Pavement Condition updates from local database and track progress in improving overall pavement quality.	1) Pavement Management System (PMS) Report and report updates from consultant and/or local agency sources.