



DATE: October 1, 2009
TO: STA Board
FROM: Robert Macaulay, Director of Planning
Robert Guerrero, Senior Planner
RE: Comprehensive Transportation Plan (CTP) Update – Arterials, Highways
and Freeways State of the System Report

Background:

The STA Board has initiated an update of the Solano Comprehensive Transportation Plan (CTP). The CTP is the STA's primary long-range planning document. The CTP consists of three main elements: Alternative Modes; Arterials, Highways and Freeways; and, Transit).

One of the most important tasks for the CTP update is to identify the gap between the current county-wide transportation system and the goals for the system at the end of the time period covered by the CTP (2035). Each of the three CTP steering committees has adopted a Purpose Statement and Goals. Each of the Committees has also been requested to review and adopt a State of the System report for the CTP Element they review.

The STA has not previously prepared comprehensive State of the System reports for any of its CTP elements. Each report will address three areas: what is the "system" being reported on; what are the physical facilities that make up the system; and what are the programs and/or operational characteristics of the system.

Discussion:

The State of the System – Arterials, Highways, and Freeways report examines Solano County's Routes of Regional Significance roadway network. The report is divided into three sections:

1. Interstate Corridors
2. State Route Corridors
3. Local Roads

Each section has a physical description of the roadway facility, a discussion on traffic conditions and safety. The roadway information was taken directly from recent studies or reports, such as the SR 113 Major Investment Study (MIS) adopted by the STA Board earlier this year. Caltrans' Traffic Safety Data Branch Traffic Counts and CHP Statewide Integrated Traffic Report Survey (SWITRS) data was used for corridors that did not have recent studies or plans. It should be noted that there are State Routes with outdated reports. In future years, as the State of the System – Arterials, Highways, and Freeways report is updated and additional corridor studies are conducted, additional details on these roadways can be filled in.

The State of the System – Arterials, Highways, and Freeways report includes information on the condition of studied roadways, as measured by the Pavement Condition Index (PCI). Roadways and transit systems both require an initial capital investment to construct, and then on-going operations and maintenance funds to operate. The PCI information is received from the Metropolitan Transportation Commission (MTC), and reported on a yearly basis, showing the average PCI for each community over the preceding three years.

The State of the System – Arterials, Highways, and Freeways report was discussed by the Arterials, Highways and Freeways committee on September 28, 2009. The Committee asked for additional traffic information broken down by jurisdiction (total peak commute hour traffic into and out of each jurisdiction and regional through trips), and for additional traffic monitoring systems and changeable message signs. Staff noted that camera and changeable message sign information is contained in the I-80/I-680/I-780 Corridor Highways Operation Study and Implementation Plan, which will be incorporated into the CTP. A discussion of overall county commute and traffic patterns will be part of the introduction to the CTP, and will be reviewed by the Committee at a later date. The Arterials, Highways, and Freeways Committee voted to recommend that the State of the System - Arterials, Highways, and Freeways report be adopted by the STA Board.

Fiscal Impact:

None.

Recommendation:

Approve the “State of the System – Arterials, Highways, and Freeways” Report included as Attachment A.

Attachments:

- A. Draft “State of the System – Arterials, Highways, and Freeways” Report (This attachment has been provided to the STA Board members under separate enclosure. To obtain a copy, please contact the STA at (707) 424-6075.)