

REPORT TO SHASTA COUNTY RTPA

SUBJECT		MEETING DATE	ITEM NUMBER
Adopt the 2006 Regional Intelligent Transportation System (ITS) Architecture Plan for Shasta County		02/28/06	3-3

RECOMMENDATION

It is recommended that the Agency:

- (1) Adopt Resolution 06-01 adopting the Shasta County Regional Intelligent Transportation System (ITS) Architecture Plan; and
- (2) Authorize the Executive Officer to make technical corrections in response to any late agency comments or on an as needed basis.

SUMMARY

The Shasta County Regional ITS Architecture Plan is a comprehensive document that is updated when necessary and has a twenty-year horizon. In concert with Caltrans District 2, a working group of major regional stakeholders was assembled to identify needs and prospective solutions for incorporation in this plan. This outreach process included an initial needs assessment meeting at the beginning of the project, subsequent interviews with key stakeholders over the past year, and a final stakeholder validation meeting in early 2006. The process resulted in a draft plan that is responsive to interests of local, state, and federal agencies, local transportation stakeholders, and general citizen needs. Adoption of the staff recommendation will complete the architecture construction and planning process and allow for continuation of federal funding qualification.

DISCUSSION

The format of the updated ITS Plan (RTP) is consistent with 23 CFR Part 940, outlining Intelligent Transportation System Architecture and Standards. Going forward, all regional ITS projects shall conform to the plan requirements and standards. Where requirements and standards do not exist, the plan will be maintained/updated to assure the architecture includes new or updated projects. This document provides a common framework (template) for achieving ITS interoperability. Approval of the plan means that stakeholders that are currently implementing ITS projects shall benefit from an adopted regional ITS architecture. Without such architecture the use of highway trust funds is not allowed.

The ITS plan comprises an architecture which satisfies a defined set of user service needs, as identified in stakeholder outreach activities. At the project level, the ITS architecture provides a standard framework for identifying institutional agreements and technical integration necessary to interface identified ITS projects with other ITS projects and systems within Shasta County.

This architecture plan includes descriptions and scopes of fifteen projects. Each project includes an operational concept that identifies roles and responsibilities of participating agencies, documents both the functional and

interface requirements, and proposes standards that must be met to promote system integration, interoperability, and data reciprocity.

This ITS Plan is consistent with Shasta County's Regional Transportation Plan (RTP). It is also a subset of the broader Caltrans District 2 ITS Architecture, and the California Oregon Advanced Transportation System (COATS) architecture.

A copy of the ITS Plan is available for review at the RTPA office, and will be posted on our website after adoption. Copies can be provided to Agency members upon request. (Document in three-inch binder)

OTHER AGENCY INVOLVEMENT

The ITS Plan was developed in cooperation with Shasta County, Caltrans, the cities of Redding, Shasta Lake and Anderson, Redding Area Bus Authority (RABA), area transit providers, Federal Land Agencies and public safety agencies. Two stakeholder meetings and several stakeholder interviews were conducted that included local, state, and federal agencies, transit, California Highway Patrol, and the Shasta County Sheriff's Office. Over 150 invitations to each meeting were sent to those considered stakeholders in Shasta County.

Public comments gathered during the stakeholder sessions have been incorporated in the draft. Advertisements of the opportunity to comment on the Plan were placed in the Record Searchlight. Comments were received from Caltrans, the three cities, public school transportation agencies, the National Park Service, RABA, and public safety agencies (Sheriff's Office of Emergency Services, SHASCOM, Redding Police Department, CHP). These comments, as well as any received up to and including February 28, 2006, will be included in the final document.

If comments are received after the agenda deadline that significantly change the major themes of the Plan, it will be brought to the Agency's attention. However, this is not anticipated. Ongoing changes to the architecture (i.e. new projects or updates to existing projects) will be amended to this "living" document as defined in the architecture maintenance plan included in this document.

FINANCIAL IMPACT

The ITS Plan is a requirement to get ITS projects funded with highway trust funds. Where known or anticipated, additional funding sources are defined at the project level. These funds could include a mix of various grants, Federal Transit Agency (FTA) funding, California Homeland Security funds, State Transportation Improvement (STIP) funds, and State Highway Operation and Protection Plan (SHOPP) funds.

Daniel J. Kovacich, Executive Officer

TLH/jac

Attachment: Resolution No. 06-01

RESOLUTION NO. 06-01

**ADOPTING THE SHASTA COUNTY
REGIONAL INTELLIGENT TRANSPORTATION SYSTEM (ITS)
ARCHITECTURE AND STRATEGIC DEPLOYMENT PLAN**

WHEREAS, the Shasta County Regional Transportation Planning Agency (RTPA) is a Metropolitan Planning Organization (MPO), pursuant to Federal Regulation #23CFC940; and

WHEREAS, the Shasta County Regional Transportation Planning Agency has actively participated in the development of the Shasta County Intelligent Transportation System (ITS) Architecture and Strategic Deployment Plan on a local and Caltrans District-wide level; and

WHEREAS, section 5206(e) of the Transportation Equity Act for the 21st Century (TEA-21) ITS requires that projects to be funded by the Highway Trust Fund and the Mass Transit Account, and affiliated Regional ITS Architectures, must conform to the National ITS Architecture, as well as to USDOT adopted ITS Standards; and

WHEREAS, the Shasta County Regional Intelligent Transportation System (ITS) Architecture and Strategic Deployment Plan demonstrates that Shasta County Regional Transportation Planning Agency is in compliance with the National ITS Architecture and the USDOT-adopted ITS Standards in order to be eligible for future Highway Trust Funds and the Mass Transit Account; and

WHEREAS, Shasta County Regional Transportation Planning Agency recognizes that Intelligent Transportation System solutions can enhance the safety, throughput, and quality of the Shasta County Transportation System; and

WHEREAS, Shasta County Regional Transportation Planning Agency recognizes the value of coordinating and integrating ITS solutions with neighboring counties and regions; and

WHEREAS, Shasta County Regional Transportation Planning Agency is committed to promoting the integration of ITS solutions into future amenable projects as appropriate; and

WHEREAS, Shasta County Regional Transportation Planning Agency is committed to updating and maintaining its county-level ITS Project Architectures as new ITS projects are planned, in addition to associated updates at the region (District 2) level, thereby assuring integrity and integration of the District 2 Intelligent Transportation System (ITS) Architecture and Strategic Deployment Plan.

NOW, THEREFORE, BE IT RESOLVED that the Shasta County Intelligent Transportation System (ITS) Architecture and Strategic Deployment Plan is approved this 28th day of February 2006, by the Shasta County Regional Transportation Planning Agency.

Glenn Hawes, Chairman
Shasta County Regional
Transportation Planning Agency