



DATE: January 21, 2011
TO: STA Board
FROM: Janet Adams, Deputy Executive Director/Director of Projects
RE: Highway Projects Status Report:
1.) I-80/I-680/SR 12 Interchange
2.) I-80 EB Cordelia Truck Scales Relocation
3.) North Connector
4.) I-80 Ramp Metering: Red Top Rd. to Air Base Pkwy
5.) Redwood Pkwy - Fairgrounds Drive Improvements
6.) Jepson Parkway
7.) State Route 12 (Jameson Canyon)
8.) State Route 12 East SHOPP Project
9.) I-80 SHOPP Rehabilitation Projects

Background:

Highway projects in Solano County are funded from a variety of Federal, State and local fund sources. With the passage of the Proposition 1B Bond in November 2006, the Solano Transportation Authority (STA) was able to secure additional funding from the Corridor Mobility Improvement Account (CMIA) for the State Route (SR) 12 Jameson Canyon and the I-80 Ramp Metering (Associated with the High Occupancy Vehicle Lanes) projects. In addition, the I-80 Eastbound Cordelia Truck Scales Relocation Project received nearly \$50 million in funding from the Trade Corridor Improvement Fund of Proposition 1B.

Discussion:

The following provides an update to major highway and reliever route projects in Solano County:

1.) I-80/I-680/SR 12 Interchange Project

The Draft Environmental Impact Report/Environmental Impact Statement (EIR/EIS) Report was circulated in August 2010 for a 60-day public comment period. Two full-build alternatives (Alternatives B and C) and two first phases (Alternative B Phase I and Alternative C Phase I) are currently being considered for the improvement of the I-80/I-680/SR 12 Interchange relocation, upgrade, and expansion of the westbound truck scales on I-80. Alternatives B and C each include an option (Option 1 or Option 2) for improvements to SR12 east (SR12E). The Final EIR/EIS is scheduled to be completed in late spring/early summer 2011. The main issue to completing the Final EIR/EIS will be to obtain the Biological Opinion from the US Fish and Wildlife Service.

STA staff worked with Caltrans and the California Transportation Commission (CTC) to secure \$24 million of Proposition 1B CMIA savings from the I-80 High Occupancy Vehicle (HOV) Lanes Project for use by the Interchange project. These savings will be used for the first construction package that is scheduled to start construction in 2012.

In addition, this Project has circulated for public comments the Qualitative Particulate Matter (PM) 2.5 Analysis. This analysis, in addition to the public comments, will be part of the federal air quality consultation for the project.

2.) I-80 EB Cordelia Truck Scales Relocation Project

The Cordelia Truck Scales substantially contribute to the congestion and safety concerns on I-80 because of the large number of trucks exiting and entering I-80 and the close proximity of the scales to both the Suisun Valley Road and I-680 and SR 12 E interchanges. Congestion leads to closure of the truck scales when queuing trucks begin to back up onto the mainline freeway. The proposed project is to construct a larger, more efficient truck scale facility on eastbound I-80 approximately ½ mile to the east of the current facility in a large oval configuration. Associated on- and off-ramps would be constructed, and, upon completion of the project, the existing facility would be demolished.

The Environmental Impact Report/Environmental Assessment (EIR/EA) environmental document was approved by Caltrans in late October 2009. The 100% Plans, Specifications & Estimate (PS&E) have been submitted to Caltrans HQ for final review in late December 2010. Full possession of the Right of Way necessary for the Project is nearly completed. Of the eight property owners, either a signed contract has been executed; a Right of Entry or Resolution of Necessity has been obtained. In addition, the PM 2.5 determination that the Project is not a project of air quality concern is circulating for public comment. This determination, in addition to the public comments, will be part of the federal air quality consultation for the project. Project Construction is scheduled for 2011 assuming the CTC allocates the programmed funds this spring.

3.) North Connector Project

The North Connector Project is a new intra-city/county roadway to provide a parallel arterial to ensure the local roadway system can serve local traffic and I-80 can better serve regional traffic through the I-80/I-680/SR 12 interchange area.

The Project consists of four lanes from Chadbourne Road at SR 12 East heading north to Abernathy Road and continuing west (parallel to I-80) over a new bridge at Suisun Creek (this segment is the Suisun Parkway), the new road will connect to the local development project (Fairfield Corporate Commons Project). In addition, the North Connector would construct a two-lane roadway, west from the existing Business Center Drive to SR 12 (Jameson Canyon) at Red Top Road.

Construction on the East End began with the new signals and turn lanes at I-80 /Abernathy which was completed in the fall of 2009. Construction began in the summer of 2009 with the opening of this segment completed in the fall 2010. Construction contract close out work continues.

4.) I-80 Ramp Metering Project: Red Top Road to Air Base Parkway

Ramp metering facilities are required as part of the requirements for the I-80 for High Occupancy Vehicle (HOV) Project between the I-80/Red Top Road Interchange East to approximately 0.5 miles east of the I-80/Air Base Parkway Interchange. These facilities include metering lights and on-ramp improvements. Staff from the STA,

the Metropolitan Transportation Commission (MTC), Caltrans and the local jurisdictions located adjacent to I-80 have begun discussions for the implementation of these facilities. Construction has just been initiated and is expected to be completed by the end of 2011.

5.) Redwood Pkwy - Fairgrounds Drive Improvements

The Project Study Report (PSR) for the I-80 HOV Lane/Fairground Access Project was completed last year. The next step is to begin the environmental document for both elements of this PSR. The City of Vallejo, the County of Solano and STA are moving forward with the initiation of the environmental document for the I-80/Redwood Parkway interchange reconfiguration and the local road improvements. The Scoping meeting for this environmental documentation is scheduled for January 26, 2011 at 6:30 pm at the Cooper Elementary School in Vallejo. Monthly Project Delivery Team Meetings are being held at Caltrans that includes the City of Vallejo and Solano County staff.

6.) Jepson Parkway Project

STA, in conjunction with the cities of Fairfield, Suisun City, and Vacaville, and Solano County, are working together to construct improvements along a 12-mile-long corridor between I-80 in Vacaville and State Route (SR) 12 in Suisun City. The project would widen from two to four lanes and/or upgrade and link a series of existing local two- and four-lane roadways, as well as construct an extension of an existing roadway, to provide a safe, convenient north-south alternative to I-80 and SR 12 for local travel between neighborhoods and jurisdictions in central Solano County. The project includes safety improvements such as roadway medians, traffic signals, standard shoulders, separate turn lanes, and a railroad grade separation. It will construct a separated and landscaped continuous bike lane/pedestrian path to encourage non-motor travel and accommodate future implementation of bus service, including one local and one express route. Since 2002, STA has been working to prepare alignment plans for the four (4) Environmental Impact Report/Environmental Impact Statement (EIR/EIS) alternatives and to complete a range of environmental studies. The overall estimated construction cost of the remaining segments is estimated at \$185 million.

The Final EIR was certified by the STA Board in March 2009. STA is working with Caltrans to have the EIS portion of the document completed. The Biological Opinion from the US Fish and Wildlife Service (USFWS) has been obtained. In addition, the PM 2.5 determination that the Project is not a project of air quality concern is circulating for public comment. This determination, in addition to the public comments, will be part of the federal air quality consultation for the project. The allocation of \$2.4 million in State Transportation Improvement Program (STIP) programmed funds for PS&E was made by the CTC in the fall of 2010.

The Jepson Parkway Working Group has been meeting the past three months to develop the implementation strategy and funding agreements to insure the entire project has a roadmap to being completed. The County of Solano has already contributed \$1 million toward the local match for this project. The STA Board has authorized the release of a Request for Proposals will be issued for design services in preparation to begin work this summer.

7.) State Route 12 (Jameson Canyon) Project

The existing State Route (SR) 12 has one lane in each direction with no median barrier. It has sections that do not meet current highway standards and consistently maintains a poor level of service in many sections. The SR 12 Jameson Canyon project will widen approximately 6 miles of SR 12 from two to four lanes and upgrade the highway to current standards from I-80 in Solano County to SR 29 in Napa County. The purpose of this Project is to add capacity to relieve traffic congestion and upgrade the facility to improve safety and operations along the route.

STA's consultants have submitted the 100% PS&E packages to Caltrans Headquarters (HQ) for both construction contracts, Napa and Solano. Full possession of the Right of Way necessary for the Project is nearly completed. Of the eight property owners, either a signed contract has been executed; a Right of Entry or Resolution of Necessity has been obtained. In addition, the PM 2.5 determination that the Project is not a project of air quality concern is circulating for public comment. This determination, in addition to the public comments, will be part of the federal air quality consultation for the project. Project Construction will begin by 2011 assuming the CTC allocates the programmed funds this spring.

8.) State Route 12 East Projects

In December 2010, Caltrans hosted a ribbon cutting for the SR 12 East SHOPP project. This project began construction in 2009. The next safety project, a \$9 million shoulder widening from Azevedo Road to Liberty Island Road, is currently programmed in the 2010 SHOPP Program for Fiscal Year 2011-12. This project is located between SR 113 and Rio Vista.

9.) I-80 SHOPP Rehabilitation Projects (Vacaville to Vallejo)

Caltrans has over \$120 million of State Highway Operations & Protection Program (SHOPP) rehabilitation projects programmed for I-80 between Vacaville and Vallejo. This project started in Fiscal Year (FY) 2007-08 with work in the cities of Vacaville and Vallejo. This work occurred concurrently with the construction of the new I-80 HOV lanes project.

The roadway rehabilitation projects listed along I-80 in Solano County summary are as follows:

Vallejo

Tennessee to American Canyon	Completed
American Canyon to I-680	Completed

Fairfield

SR 12 East to Air Base Pkwy	Completed
SR 12 East to Leisure Town (Ramps)	Pending

Vacaville

Air Base Pkwy to Leisure Town	Completed
-------------------------------	-----------

Dixon

Meridian Road to East of Route 113 South	Pending
Route 113 to Yolo County Line	Under Construction

Recommendation:

Informational.