



February 06

TRANSPORTATION REPORT

to the State Legislature

STA Board of Directors

Members and their alternates are appointed by their local jurisdiction to serve as representatives on the STA Board. Each jurisdiction also has staff representatives on the Technical Advisory Committee and the SolanoLinks Intercity Transit Consortium. These two committees act in an advisory capacity to the STA Board of Directors.



Len Augustine, Chair
Mayor, City of Vacaville



Harry Price
Mayor, City of Fairfield



Anthony Intintoli, Vice Chair
Mayor, City of Vallejo



Ed Woodruff
Mayor, City of Rio Vista



Steve Messina
Mayor, City of Benicia



Jim Spering
Mayor, City of Suisun City



Mary Ann Courville
Mayor, City of Dixon



John Silva
Member, Solano County Board of Supervisors



Solano Transportation Authority

One Harbor Center, Suite 130
Suisun City, CA 94585

Phone 707.424.6075
Fax 707.424.6074

February 1, 2006

Members:

- Benicia
- Dixon
- Fairfield
- Rio Vista
- Solano County
- Suisun City
- Vacaville
- Vallejo

To Our State Representatives:

The Solano Transportation Authority (STA) forwards this report summarizing Solano County's funding priorities relating to the proposed 2006-07 California State Budget. Traffic congestion, improved mobility and traffic safety are the top concerns for residents in Solano County, the San Francisco Bay Area's fastest growing county. Solano County has six critical projects that may be delayed if state transportation funding is diverted. They are:

- I-80/I-680/SR 12 Interchange
- I-80 HOV Lane
- Vallejo Intermodal Station
- Fairfield/Vacaville Train Station
- Jepson Parkway (I-80 Reliever Route)
- SR 12-Jameson Canyon

These projects are of strategic and economic importance for the movement of goods and interregional traffic, as well as to support current and new residents and increasing employment opportunities in Solano County.

This report provides a summary and updates the funding status of each of these critical projects. With your support for funding these projects, STA, Caltrans, and our local agencies will ensure these much needed transportation projects are completed.

We appreciate your interest and support of Solano County transportation priorities. If you have questions, please contact Daryl Halls, Executive Director of the STA at 707-424-6075 or Tony Rice, Shaw/Yoder at 916-446-4656.

Sincerely,

Len Augustine, Chair
Solano Transportation Authority

Contents

STA Board of Directors and Member Agencies	Inside Front Cover
STA's Priority Projects Map	3
STA's 2006 Legislative Priorities	4
Impacts of State Budget on Solano County Projects	5
Priority Projects	
I-80/I-680/SR 12 Interchange	7
I-80 High Occupancy Vehicle Lane	9
Vallejo Intermodal Station	9
Fairfield/Vacaville Train Station	10
Jepson Parkway	11
SR 12–Jameson Canyon	11
About Solano County	12
Population	
Employment	
Solano Traffic	
About STA	Inside Back Cover
Mission Statement	
The STA Commitment	

STA's Priority Projects

- I-80/I-680/SR 12 Interchange **1**
- I-80 HOV Lane **2**
- Vallejo Intermodal Station **3**
- Fairfield/Vacaville Train Station **4**
- Jepson Parkway **5**
- SR 12–Jameson Canyon **6**



STA's 2006 Legislative Priorities

MAINTAIN PROPOSITION 42 FUNDING FOR TRANSPORTATION

Proposition 42 was approved by an overwhelming majority of voters (69%) in 2002, and was projected to provide over \$1 billion annually for transportation with funds generated from the sales tax on gasoline. Under Proposition 42, funds for projects in the Traffic Congestion Relief Program (TCRP) were approved through FY 2007-08.

However, prior to 2005-2006, Proposition 42 funds were deferred from transportation projects, despite the overwhelming voter approval for this measure. Maintaining a permanent commitment to Proposition 42 and all future state budgets is crucial for projects initiated under the TCRP and the State Transportation Improvement Program (STIP). STA urges the State Legislature to strengthen provisions in Proposition 42, including the proposed constitutional amendment to firewall Proposition 42, so that needed transportation funding cannot be routinely redirected to the General Fund.

INCREASE STATE TRANSPORTATION REVENUE

California's state fuel tax was increased by voters in 1990 with Proposition 111. This measure doubled the state fuel tax to 18 cents with a 9 cent increase that took place over a four-year period. Since that time, the fuel tax rate has lost nearly 25 percent of its value due to inflation.

California is now one of only 15 states below the federal gasoline tax rate of 18.4 cents per gallon and the state is below the national average of 20.2 cents per gallon.

Congestion and deteriorating roads are of critical concern for Bay Area and Solano County commuters. California ranks last among the 50 states in per capita spending on highways. As California continues to grow, the state must address critical transportation needs. STA urges the State Legislature to support increasing, not decreasing, the state's investment in transportation infrastructure.

The Governor's proposed \$222 billion infrastructure plan would provide approximately \$107 billion for transportation statewide, of which \$300 million is proposed for the I-80/I-680/SR 12 interchange and \$65 million for the SR 12 Jameson Canyon project.

SUPPORT LOCAL FUNDING OPTIONS

Given the shortage of state and federal funds, it is essential that local governments be given greater flexibility to raise their own funds. In November 2004, Solano County's Measure A, a potential

1/2 cent sales tax measure for transportation, was supported by 63.88% of voters, but failed to obtain the difficult 66.67% threshold for passage. If passed, Measure A would have generated \$1.4 billion for transportation improvements in Solano County. A similar local transportation sales tax measure is under consideration in Solano County for the June 2006 election.

INCREASE STIP FUNDING FOR PLANNING, PROGRAMMING AND MONITORING PROGRAM

Planning, Programming and Monitoring (PPM) funds provide project development funds for monitoring and implementing project development activities critical for managing significant regional projects such as the I-80/I-680/SR 12 interchange, I-80 HOV lanes, Jameson Canyon and Jepson Parkway projects. STA supports state legislation increasing STIP funding for the PPM program from 1% to 5% beginning in FY 2006-07. This would provide STA with the flexibility to utilize these annual project development funds to ensure that STIP funded priority projects are delivered on time and within budget.



Impacts of State Budget on Solano County Projects

The State of California has faced significant budget challenges since FY 2001-02, although the full magnitude of the problems did not surface until late 2002. The efforts to deal with the budget deficit, reported to be as much as \$38 billion from FY 2002-03 through FY 2004-05, have had a negative impact on transportation funding throughout California. Solano County has been impacted by deferred funding and project delays. It is important that programmed STIP projects (particularly between FY 2007-08 and FY 2008-09) be allocated on a timely basis.

Several programs that provide a significant amount of transportation funding to Solano County have been affected by actions of the Governor and State Legislature. The following information identifies current impacts and potential impacts of proposed actions to deal with the State budget problems.

PREVIOUS IMPACTS

Suspensions of Proposition 42

The suspension of Proposition 42 from FY 2003-04 through FY 2004-05 resulted in Solano County agencies not receiving approximately \$4.8 million for local streets and road maintenance, \$3.2 million in State Transportation Improvement Program (STIP) funds and \$0.15 million in

State Transit Assistance (STA). Although \$1.3 billion of Proposition 42 funds were budgeted in FY 2005-06, the previously deferred Proposition 42 funds still need to be repaid with interest to June 30, 2009.

Maintain the State Transportation Improvement Program (STIP)

In 2005, Caltrans Headquarters presented the Fund Estimate (FE) for the 2006 STIP to the California Transportation Commission. The FE identified additional funds for the 2006 STIP beyond what is

currently programmed. The result of the new FE is that, for the first time since 2002, new state funds were made available for the STIP program (FY 2009-10 and FY 2010-11).

Maintain Traffic Congestion Relief Program (TCRP) Funding

The environmental documents and project reports for the I-80/I-680/SR 12 Interchange (\$8.1 million), North Connector (\$2.7 million) and SR 12-Jameson Canyon (\$4.1 million) projects are all funded through TCRP

continued next page



funds that have been allocated by the CTC. Solano County does not have a local revenue source to replace the TCRP funds, and these projects face termination or delay if funding for existing TCRP projects is eliminated and Solano County cannot access STIP funds. STA has received “assurances” that the allocated TCRP funds will be available until June 30, 2008; therefore, STA is accelerating these projects to complete the environmental work by 2008. In addition, the I-80/I-680/SR 12 Interchange and Jameson Canyon approved for federal earmarks in the 2005 transportation bill (SAFETEA-LU).



▼ Anticipated State Funding for Current STA Projects

TCRP FUNDED PROJECTS	FY 06-07	FY 07-08	FY 08-09
I-80/I-680/SR 12 Interchange PA/ED	\$1.800M	\$1.000M	\$0.070M
SR 12–Jameson Canyon PA/ED	—	\$2.900M	—
STIP FUNDED PROJECTS	FY 06-07	FY 07-08	FY 08-09
Dixon Intermodal Facility	\$0.543M	—	—
Highway 37 (Napa River–Sonoma Blvd.) landscaping & planting	\$0.441M	—	—
Vallejo Ferry Terminal, parking	—	—	\$6.528M
Jepson Parkway (I-80 reliever; Vanden Rd. Widening, Solano County; Walters Rd. ext., Fairfield)	—	\$2.400M	\$22.292M
I-80/I-680/SR 12 Interchange	—	\$11.412M	—
Planning & Project Monitoring	\$0.039M	\$0.039M	\$0.064M

1 I-80/I-680/SR 12 Interchange

The I-80/I-680/SR 12 Interchange is identified by the STA and its member agencies as Solano County's number one priority highway project. Currently, 190,000 trips travel through this interchange on a daily basis, an increase of 25,000 daily trips since 1995. With the anticipated completion of the Benicia-Martinez Bridge improvement project scheduled for 2007, STA's Countywide Traffic

Model predicts an increase to 239,000 daily trips by 2010, and 308,000 daily trips by 2025.

In addition to serving as a critical link between the San Francisco Bay Area, Sacramento and Lake Tahoe, the I-80/I-680/SR 12 Interchange is a major trucking corridor linking the Port of Oakland to the rest of the United States. The current infrastructure on I-80 cannot support an increase of this magnitude

over the current high volume of cars, trucks, and buses that result in peak hour traffic congestion every day in this location.

Objective

The objective of the I-80/I-680/SR 12 Interchange Project is to significantly improve truck, bus and automobile traffic flow through a highly congested conflu-

continued next page



ence of two major interstate highways and one major state highway. The design of the project will integrate High-Occupancy-Vehicle (HOV) lanes with additional travel lanes and an enhanced parallel local roadway system to relieve congestion, improve air quality and facilitate goods movement on this major truck route.

Status

The Environmental Impact Study/Report for the I-80/I-680/SR 12 Interchange Project was initiated in February 2002 and is scheduled for completion in 2007-08.

The STA priority is to fully fund the next project phase that will include Phase 3 design, right-of-way acquisition and local, state, and federal funds for construction. The targeted funding assumes the entire project will cost approximately \$615 million to \$1 billion, but the project will be implemented in phases.

v Project History

Full Interchange Project Cost		\$615 million - \$1 billion
TOTAL SECURED FUNDING		\$175.2 million
FEDERAL EARMARK		\$17.4 million
ITIP/SHOPP (State)		\$22.6 million
SHOPP (State)		\$10.6 million
STIP (State)		\$14.0 million
TCRP (State)		\$13.0 million
Local		\$15.0 million
Regional Measure 2		\$100.0 million
TARGETED FUTURE FUNDING SOURCES		
Local Solano County Sales Tax		\$200 - \$300 million
CURRENT PROJECT ACTIVITIES		
Environmental (Full Interchange and North Connector)	\$11.8 million	completion date 2007
I-80/SR12 Design/Right of Way (Phase 3)	\$11.7 million	completion date 2008
SR 12 Truck Climbing Lane	\$10.0 million	completion date 2007
North Connector (East & Central Sections)	\$55.1 million	completion date 2008
I-80 HOV Lanes (SR 12 West to Air Base Parkway)	\$78.5 million	completion date 2009

2 I-80 High Occupancy Vehicle Lanes

The addition of High Occupancy Vehicle (HOV) Lanes on I-80 from SR 12 to Air Base Parkway was identified as a critical project in the I-80/I-680/I-780 Major Investment and Corridor Study, and approved by the STA Board in 2004. HOV lanes will reduce traffic congestion on this heavily traveled section of I-80, helping to reduce travel time for buses, carpools and vanpools returning from Bay Area destinations to Solano County.

STA will be developing the Project Approval/Environmental Documents (PA/ED) and designs for the project during 2006-07, with construction commencing in 2008. This project is funded by Regional Measure 2 funds.



3 Vallejo Intermodal Station

The Vallejo Intermodal Station will be the primary ferry/transit terminal in the North Bay, supporting both the Baylink Ferry system and the

regional express bus system. The new station will act as a catalyst for attracting private-sector investment in Vallejo's downtown and waterfront. The project

will provide 1,800 off-street parking spaces, new local and regional bus transfer facilities, roadway access improvements, and new bicycle/pedestrian connections between Vallejo, the Intermodal station and the waterfront area. Regional express buses from this location will serve Napa Valley, key BART stations, and key Solano County transit stations along I-80 to Sacramento. STA has secured about \$48 million of the estimated total cost of \$65 million from Regional Measure 2, state (STIP), local and federal sources. Construction is scheduled to begin in 2008-09.



4 Fairfield/Vacaville Train Station



This transit-oriented development at the crossroads of the Jepson Parkway and Peabody Road will provide automobile, bus, vanpool, bicycle and pedestrian access to Capitol Corridor Rail Service. This station and related track improvements are key to meeting ridership requirements that will allow the Capitol Corridor Rail Service to expand service between 2008 and 2010 from 12 to 16 intercity trains a day, plus additional peak hour commuter service. Trains will

serve employees traveling to Travis Air Force Base and the major employment centers in Fairfield and Vacaville. With the recent commitment of approximately \$21 million of Regional Measure 2 funds, about \$27 million of the estimated total project cost of \$35 million (Phase 1 and 2) has been secured and STA is requesting additional federal funds. State support of this key transportation center will be vital for the region's development and success of the Capitol Corridor Improvement Program.

5 Jepson Parkway (Walters, Vanden and Leisure Town Roads)

The Jepson Parkway Concept Plan (I-80 Reliever Route), is an innovative, four-lane multi-modal corridor planned to connect I-80 in Vacaville to Highway 12 in Suisun City. The Jepson Parkway project will provide an essential north-south connection in Solano County that will:

- 1) Support the continued and improved housing/jobs balance in Vacaville, Fairfield and Suisun City, as well as Solano County
- 2) Serve emerging job centers, Travis Air Force Base, and local destinations such as area schools
- 3) Keep 15,000-20,000 daily trips off I-80 by 2025

In 2004, the project received federal and local funding to construct two segments of the project: Walters Road Widening and the I-80/Leisure Town Road

Interchange. However, \$4.65 million in State Transportation Improvement Program (STIP) funds for the project were delayed.

Additional phases of the project will need STIP funds in order for them to move forward as planned, once the environmental documents are completed in 2007.

In 2005, the STA received \$3.2 million in federal earmark funds to construct access improvements to Travis Air Force Base, between Vanden Road and the north gate, and Walters Road and the south gate. \$2.4 million in 2007-08 STIP



funds and \$22.2 million of 2008-09 STIP funds are needed to construct the next phases. That will generate over 300 jobs, leveraging an additional 1,000 jobs and approximately \$43 million of federal and local impact fees to fund these next key phases of the project.



6 SR 12–Jameson Canyon

STA and the Napa County Transportation Planning Agency (NCTPA) have secured approximately \$11 million in state and federal funds to complete environmental and design work for realignment and safety enhancements on Highway 12 between

I-80 in Solano County and Highway 29 in Napa County. The project is currently in the environmental phase with Caltrans as the lead agency. The project is estimated to cost approximately \$110-130 million.

About Solano County

Population

The Association of Bay Area Governments has projected Solano County to have the largest percentage of population and job growth of any county in the Bay Area over the next 25 years. Its location between Sacramento and the Bay Area gives it strategic economic development importance for the region. Solano County's current population of about 422,000 is projected to increase to 504,000 by 2015 and 581,000 by 2030. From 2005, the total number of employed residents (about 194,000) will increase to about 270,000 by 2030.

Employment

Solano County's growing economy represents a diverse mix of traditional and emerging industries. In recent years, many large biotech manufacturing, medical device, seed production and biotechnology research and development firms have relocated to Solano County. The Solano Business Park in Fairfield is home to a growing "Candy Cluster" featuring Herman Goelitz Candy Company (Jelly Belly). Travis Air Force Base, home to the 60th Air Mobility Wing, is the largest employer in Solano County.

Solano Traffic

Solano County is dissected by I-80 (connecting the Bay Area to Sacramento), I-680 (connecting Contra Costa County and the Silicon Valley to Solano) and State Route 12 (connecting San Joaquin County to the North Bay). New residential and commercial developments within the County have exacerbated the stress on current transportation infrastructure. Many Solano residents continue to travel to jobs in other counties, making commute traffic on I-80, I-680, and State Route 12 an increasingly critical transportation problem.



▼ Solano County Housing/Jobs Projections

	HOUSING			JOBS		
	2000	2010	Net Change	2000	2010	Net Change
Benicia	10,352	10,830	478	11,670	12,390	720
Dixon	5,102	6,950	1,848	4,660	5,660	1,000
Fairfield	30,995	37,350	6,355	42,160	48,800	6,640
Rio Vista	1,940	5,100	3,160	2,080	2,510	430
Suisun City	8,158	9,500	1,342	4,000	5,320	1,320
Vacaville	28,351	35,040	6,689	25,470	31,350	5,880
Vallejo	40,608	45,020	4,412	32,210	39,180	6,970
Solano Co.	4,897	5,630	733	960	1,020	60

About STA



Mission Statement

To improve the quality of life in Solano County by delivering transportation projects to ensure mobility, travel safety, and economic vitality.

The STA Commitment

The Solano Transportation Authority (STA) was created under a Joint Powers Agreement to serve as the County's Congestion Management Agency to program federal, state and regional transportation funds. Member agencies include the cities of Benicia, Dixon, Fairfield, Rio Vista, Suisun City, Vacaville, Vallejo and Solano County.

The STA is responsible for transportation planning, coordination, and the financing of projects for its eight member jurisdictions. The STA also provides countywide planning for the development of roads, transit, rideshare, rail, bicycle and pedestrian facilities, manages the Solano Napa Commuter Information program and coordinates two transit services.



Solano Transportation Authority
Daryl Halls, Executive Director
One Harbor Center, Suite 130
Suisun City, CA 94585
707-424-6075

Tony Rice
Shaw/Yoder, Inc.
916-446-4656