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# April 06

## SOLANO COUNTY'S PRIORITY PROJECTS

fiscal year 2007 federal appropriations requests



## 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.



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Mayor, City of Vacaville



Harry Price  
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Mary Ann Courville  
Mayor, City of Dixon



John Silva  
Member, Solano County Board of Supervisors



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April 2006

### Members:

Benicia

Dixon

Fairfield

Rio Vista

Solano County

Suisun City

Vacaville

Vallejo

### To Our Representatives in Washington:

The Solano Transportation Authority (STA) is pleased to forward this report summarizing Solano County's FY 2007 Appropriations funding requests. Transportation congestion relief, improved mobility and safety are the top concerns for residents in Solano County, the San Francisco Bay Area's fastest growing county. Our four priority projects for the Fiscal Year 2007 Transportation Appropriations Program are:

1. Vallejo Intermodal Station
2. Fairfield/Vacaville Intermodal Station
3. I-80/I-680/SR 12 Interchange (Cordelia Truck Scales Component)
4. Travis Air Force Base (AFB) Access Improvements/Jepson Parkway

This report provides a history, funding update and current status of each priority project. With your support for providing federal matching funds for these projects, the STA will ensure the completion of these critical transportation improvements.

We appreciate your interest and support of Solano County's transportation priorities. Should you have any questions about these projects, please contact Daryl Halls, Executive Director of the STA at 707-424-6075 or Mike Miller, The Ferguson Group, 707-254-8400.

Sincerely,

Len Augustine, Chair  
Solano Transportation Authority

# STA's Priority Projects

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# 1 Vallejo Intermodal Station

## Request

STA and the City of Vallejo request a \$4.0 million earmark in the FY 2007 Transportation and Treasury Appropriations Bill under the Federal Transit Administration (FTA) Buses and Bus Facilities Account for development of the Vallejo Intermodal Station.

## Background

The Vallejo Intermodal Station will serve as the primary intermodal transit terminal in the North Bay, supporting the Vallejo Baylink ferry system and regional express bus networks. These transit systems link Vallejo to Napa Valley, key BART stations in Contra Costa County and vital Solano

County transit stations along I-80 to Fairfield, Vacaville, Davis and Sacramento.

With improved access to the Baylink Ferry, the most successful ferry service in the Bay Area, the Vallejo Intermodal Station will support a network of 15,000 daily riders by 2015. By strengthening the area's public transportation network, the station will reduce congestion on Interstate 80—the primary corridor for goods movement between the Port of Oakland and the northern United States—and benefit transit on a regional and national level.

The new station will act as a catalyst for attracting private-sector investment to

Vallejo's downtown and waterfront. Supported by a busy transportation hub, surrounding land uses will transition to residential and "live work space," small retail offices, restaurants, open space—contributing to a renewed, dynamic Vallejo. The project's 1,800 off street parking spaces, new local and regional bus transfer facilities, roadway access improvements, and new bicycle and pedestrian connections will provide key infrastructure to encourage and sustain private-sector investment.

In 2005, a fourth ferry was placed into service (three operating ferries and one backup), and the City of Vallejo is in the process of completing the environmental

review process for the entire Vallejo Intermodal Station project. Construction is scheduled to begin in 2008-09. The estimated total cost of the Vallejo Intermodal Station project is \$65 million. To date, the STA and the City of Vallejo have secured \$54.268 million in funding for the project.

STA and the City of Vallejo previously secured \$7.189 million in federal earmarks including \$.89M (FY 2001), \$2.0M (FY 2002), \$0.993M (FY 2003), \$1.25M (FY 2004), \$1.215M (FY 2005) and \$.841M (FY 2006). This has been matched locally by State Transportation Improvement Program (STIP) funds secured by STA and Regional Measure 2 (RM2) funds. Total secured funding to date is \$54.268 million.

## Contact

Mike Miller, The Ferguson Group,  
707-254-8400



## Secured Funding

### TOTAL SECURED FUNDING: \$54.268 MILLION

STIP (State)	\$12.803 million
Local	\$7.165 million
Federal	\$7.189 million
Regional (RM-2)	\$28.000 million



# 2 Fairfield/Vacaville Intermodal Station

### Request

STA and the Cities of Fairfield and Vacaville request a \$1.9 million earmark in the FY 2007 Transportation and Treasury Appropriations Bill under the FTA Buses and Bus Facilities account for the Fairfield/Vacaville Intermodal Station.

### Background

This transit-oriented development at the crossroads of the Jepson Parkway and Peabody Road (one mile north of Travis

Air Force Base) will link automobile, bus, vanpool, bicycle and pedestrian transit to the Capitol Corridor Rail Service. The overall project will construct the basic automobile, bus, vanpool, bicycle, pedestrian access and track improvements needed for Capitol Corridor Rail Service.

The Fairfield/Vacaville Intermodal Station and related track improvements are key to meeting ridership requirements as the Capitol Corridor Rail Service expands service from 12 to 16 intercity trains a

day (between 2008-10), and adds a peak hour commuter service (by 2010-2015). The project will improve ridership throughout the entire San Jose-Oakland/San Francisco-Sacramento-Auburn corridor, and provide commuter trains to the Travis Air Force Base and major employment centers in Fairfield and Vacaville. Proposed track improvements are also included in the Capitol Corridor's Capital Improvement Program. In 2005, the Capitol Corridor committed to providing

intercity rail service to this location once the basic station construction is completed.

The project will result in a wide range of benefits, including:

- Improved access for freight train staging, adjacent to main lines near the train station, via construction of the Tolenas siding project
- An efficient alternative for commuters traveling along I-80, thereby reducing traffic congestion and improving air quality
- A viable commuter rail service to the Travis Air Force Base and employment centers in Fairfield and Vacaville
- Safe pedestrian, bus and bicycle access to all Capitol Corridor trains

The Fairfield/Vacaville Intermodal Station project is under preliminary design and environmental clearance is expected in 2006. The total cost of the project is estimated at \$35 million. STA and the City of Fairfield have previously secured \$2.3 million in federal earmarks including \$.5M (FY 2003), \$.8M (FY 2004), \$.5M (FY 2005), and \$.5M (FY 2006). This has been matched locally with RM2, STIP and local funds. Total secured funding to date is \$28.55 million.

### Contact

Mike Miller, The Ferguson Group,  
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### Secured Funding

**TOTAL SECURED FUNDING: \$28.55 MILLION**

STIP (State)	\$0.25 million
Local	\$5.00 million
Federal	\$2.30 million
Regional (RM-2)	\$21.00 million



# 3 I-80/I-680/SR 12 Interchange (Cordelia Truck Scales Design Component)

## Request

STA and its member agencies request a \$6 million earmark in the FY 2007 Transportation and Treasury Appropriations Bill under the Surface Transportation Program (STP) for the design of the relocation of the Cordelia Truck Scales. Based on recommendations made in the February 2005 Cordelia Truck Scales Relocation Study, the scales will be moved to ease interchange congestion. The requested earmark will be for the design and relocation of the facility in Solano County.

## Background

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, there are 215,000 daily trips through the interchange. This extremely large volume of cars, trucks and buses result in daily peak hour traffic congestion at the interchange—by 2030, STA anticipates the number of daily trips traveling through the interchange will increase to 340,000.

The relocation of the Cordelia Truck Scales will play a major role in improving congestion at the I-80/I-680/SR 12 Interchange, at a total cost estimate of \$220 million. The truck scales project is located on the I-80 corridor—a major truck route between the Port of Oakland and the northern half of the country—

where truck traffic is expected to more than double over the next 35 years. Existing truck scales are not large enough to handle the current truck volume, which requires the facilities to be closed when queued trucks back onto the freeway. Relocating and re-designing the scales will:

- Improve congestion
- Reduce conflicts between car and truck traffic
- Accommodate proposed Interchange improvements

Completion of the truck scales study marked a milestone in STA efforts to improve the I-80/I-680/SR 12 Interchange by restricting the location

of the scales to within the Interchange limits. Proposed replacement scales and inspection facilities will be constructed approximately one half a mile east of their present location.

The I-80/I-680/SR 12 Interchange project as a whole has an estimated cost of \$885 million to \$1.2 billion. STA secured \$17.5 million in federal earmarks in FY 2005. This has been matched locally by State Transportation Improvement Program (STIP) and Transportation Congestion Relief Program (TCRP) funds secured by STA and Regional Measure 2 (RM2) funds. Total secured funding to date is \$168.1 million.

Funding the I-80/I-680/SR 12 Interchange/Cordelia Truck Scales Design Component project will ensure this portion of the Interchange can be advanced to the next Phase. The Design Component project has a total estimated cost of \$6 million, and has had no previous funding source commitments.

## Contact

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## Secured Funding

### TOTAL SECURED FUNDING: \$168.1 MILLION FOR I-80/I-680/SR 12 INTERCHANGE

STIP (State)	\$16.4 million
Local	\$34.2 million
Federal	\$17.5 million
Regional (RM-2)	\$100.0 million

**Total secured funding for Cordelia Truck Scales Component \$0.0 million**



# 4 Travis Air Force Base Access Improvements/Jepson Parkway

### Request

STA and the Cities of Fairfield and Vacaville and County of Solano request a \$3 million earmark in the FY 2007 Transportation and Treasury Appropriations Bill under the Surface Transportation Program (STP) to fully fund access improvements to Travis Air Force Base (AFB) North and South Gates. The requested earmark will fund the design and construction of these access improvements in Solano County.

### Background

Local Travis AFB access roads cannot sufficiently handle automobile and truck traffic at the North and South Gates. This project will upgrade and link these narrow, substandard roads to provide improved access to Travis AFB gates and improve essential connections to adjacent job centers, neighborhoods and schools. The proposal will also provide an upgrade to the Union Pacific Railroad crossing at Canon and Vanden Roads.

Proposed improvements at the North Gate include three components:

- Widen the narrow local roads of North Gate and Canon Roads to accommodate standard 12-foot lanes and 4-foot shoulders
- Install double-armed gates at the Union Pacific Railroad Crossing to replace existing single-armed gates
- Install an intersection signal at Vanden and Canon Roads with a left turn lane on southbound Vanden Road

The South Gate provides Travis AFB's only entry point for trucks (on Petersen Road). Proposed improvements at the South Gate include two components:

- Upgrade existing drainage facilities under Petersen Road to prevent flooding across the road
- Construct a Truck Stacking Lane—a 14 foot additional lane on Petersen Road to accommodate trucks waiting to enter Travis AFB

The project, estimated to cost \$7.5 million, received a Federal Earmark of \$3.2 million through Solano County for FY 2006. Although this earmark will fund a portion of the project, the scope of the project has increased based on follow-up discussions with Travis AFB, increased national security and access issues. This has been matched with \$1.24 million in local funds. STA's request for an additional \$3 million will provide the necessary funding to complete these improvements.



Intersection at Vanden and Canon Roads



South Gate Entrance

### Secured Funding

**TOTAL SECURED FUNDING: \$4.44 MILLION**

STIP (State)	\$0.00 million
Local	\$1.24 million
Federal	\$3.20 million

### Contact

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# 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.



## 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.