

Solano Transportation Authority's 2001 Annual Report

...working for you!



*Addressing today's and tomorrow's commuter
issues and planning for the future.*

Solano Transportation Authority Mission Statement

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



A Message from the Chair...



2001 was a banner year for the Solano Transportation Authority. The STA Board members worked diligently on the development of the Solano Comprehensive Transportation Plan, each serving on at least one of the sub-committees formed to explore various transportation issues. I enjoyed serving as Chair of the Alternative Modes Subcommittee where I had the opportunity to learn more about such things as ridesharing alternatives, Transportation for Livable Communities, bicycle and pedestrian issues, and alternative fuels. Other sub-committees were the Transit Subcommittee, chaired by Board member Dan Donahue, and the Arterials, Highways and Freeways Subcommittee, chaired by Vice-Chair John Silva, each developing the best possible transportation options for the next 20 years. As a result of this very thorough analysis, I believe the Solano Comprehensive Transportation Plan will be the blueprint for future generations to follow.

In addition, the STA continued to focus on Solano County's most urgent transportation needs by providing funding for road maintenance, highways, transit intermodal, rail stations and bicycle projects. This year the STA initiated several important planning efforts and continued to make progress on priority projects, such as: the Solano Comprehensive Transportation Plan, the I-80/I-680 Interchange design, the I-80/680/780 Corridor Study, the Highway 12 Major Investment Study (MIS), Highway 37/29 project, Jepson Parkway, state and federal funding for a third Vallejo ferry, the I-80/680 Interchange (Phase I), and Highway 12 (Jameson Canyon) improvements. Extensive public outreach was integral to all STA's planning efforts.

I want to thank my Board colleagues, STA staff, member agencies and our transportation partners for their efforts, team work and accomplishments.

On behalf of the STA Board and staff, I am pleased to present the Solano Transportation Authority 2001 Annual Report.

Sincerely,

Handwritten signature of Marci Coglianese.

Marci Coglianese, Chair
Solano Transportation Authority



The STA Commitment...

The STA was created in 1990 through a Joint Powers Agreement between the cities of Benicia, Dixon, Fairfield, Rio Vista, Suisun City, Vacaville, Vallejo and the County of Solano to serve as the Congestion Management Agency for Solano. The STA is responsible for countywide transportation planning and coordination, financing priority projects, the programming of federal, state and regional transportation funds, implementing arideshare program and managing two transit services..

Goals and Objectives...

- ! Document transportation needs from both local and countywide perspectives
- ! Provide safety and operational improvements
- ! Preserve the existing transportation system
- ! Reduce congestion and maintain mobility
- ! Improve commute options to the Bay Area and Sacramento regions
- ! Promote transit including intercity bus, rail and ferries
- ! Promote alternative modes such as carpooling, vanpooling and bicycling
- ! Encourage Transportation for Livable Communities projects

About the STA...

STA Board of Directors...

Members of the STA Board of Directors are appointed by their local jurisdictions to serve as representatives. Each of the seven Solano cities and the County of Solano have one Board member and alternate who work together to address a vast array of transportation issues and priorities .

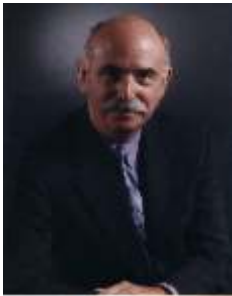
2002 STA Board of Directors...



*John F. Silva Chair
Member, Solano County Board
of Supervisors*



*Jim Spering, Vice Chair
Mayor, City of Suisun City*



*Pierre Bidou
Council Member
City of Benicia*



*Karin MacMillan
Mayor, City of Fairfield*



*Mary Ann Courville
Mayor, City of Dixon*



*Marci Coglianese
Mayor, City of Rio Vista*



*Risha Slade
Council Member
City of Vacaville*



*Dan Donahue
City of Vallejo
Council Member*

STA Board Alternates...

Benicia

Dan Smith

Dixon

Gil Vega

Fairfield

Harry Price

Solano County

Barbara Kondylis

Rio Vista

Ed Woodruff

Suisun City

Michael Segala

Vacaville

David Fleming

Vallejo

Pete Rey

Technical Committees...

Also working for you are staff representatives from each member jurisdiction that serves on the STA Technical Advisory Committee and consists of City Public Works Directors and Planning Directors and the Director of Transportation from the County of Solano. The Solanolinks Intercity Transit Consortium coordinates intercity transit issues. These two committees act in an advisory capacity to the STA Board of Directors and STA staff.

STA TAC Members...

Benicia	Virgil Mustain
Dixon	Ron Tribbett
Fairfield	Ron Hurlbut
Rio Vista	Dave Melilli
Solano County	Charlie Jones
Suisun City	Gary Cullen
Vacaville	Dale Pfeiffer
Vallejo	Mark Akaba

STA Consortium Members...

Benicia	Alan Nadritch
Dixon	Vanessa Klaiber-Guerrero
Fairfield/Suisun	Kevin Daughton
Rio Vista	Jim Holden
Vacaville	Trent Fry
Vallejo	Pam Belchamber

STA Committees...

STA Committees...

Advisory Committees...

Three public advisory committees assist the STA Board of Directors and staff in the development of specific policies and transportation plans to improve Solano County's transit systems, roads and freeways, and alternative modes.



STA Bicycle Advisory Committee...

The Bicycle Advisory Committee (BAC) is responsible for updating and monitoring the progress of the Solano Countywide Bicycle

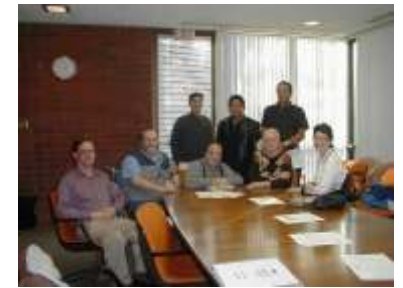
Plan and making bicycle project recommendations to the STA Board of Directors and staff.

Members...

Fairfield	Randall Carlson, Chair
Benicia	J.B. Davis, Vice Chair
Dixon	James Fisk
Rio Vista	Vacant
Solano County	Glen Grant
Suisun City	Mike Segala
Vacaville	Vacant
Vallejo	Robert Powell
Member-at-Large	Mick Weninger

STA Paratransit Coordinating Council ...

The Paratransit Coordinating Committee (PCC) works on countywide senior and disabled transit issues as required by the Metropolitan Transportation Commission (MTC) and makes recommendations on transit and paratransit funding, claims and coordination.



Members...

Solano County Health and Social Services	Abe Bautista, Chair
Education	Catarina Evanson Vice Chair
Seniors	Ernest Bradford
Social Service Provider	Richard Broadus
Social Service Provider	Marcia Kent
Disabled	Fred Ramsey
Social Service Provider	Larry Schwahn
Member at Large	Jim Williams
MTC	Jim Simon

Advisory Committees...

Trails Advisory Committee ...

Newly formed in 2001, the Trails Advisory Committee (TRAC) is responsible for developing and updating the Solano County Trail Plan and making trail project recommendations to the STA Board of Directors and Solano County Board of Supervisors.

Members...

Taner Aksu

Bob Berman

Birgitta Corsello

Harry Englebright

Saaïd Fakharzadeh

Myrn Hayes

Kathy Hoffman

Andrea Gordon

Larry Greene

Nyles Gregory

Robert Macaulay

Pam Muick

Cameron Oaks

Alice Plutchod

Cliff Poole

Robert Powell

Laura Thompson

Jenny Zane

Tom Cruz

STA Committees...

STA Staff...



The STA currently employs thirteen full time and one part time administrative, project, and planning staff. The staff implements the policies of the STA Board and manages multiple consultant projects and programming, finances projects, and serves as the liaison with local project sponsors and regional, state and federal agencies.

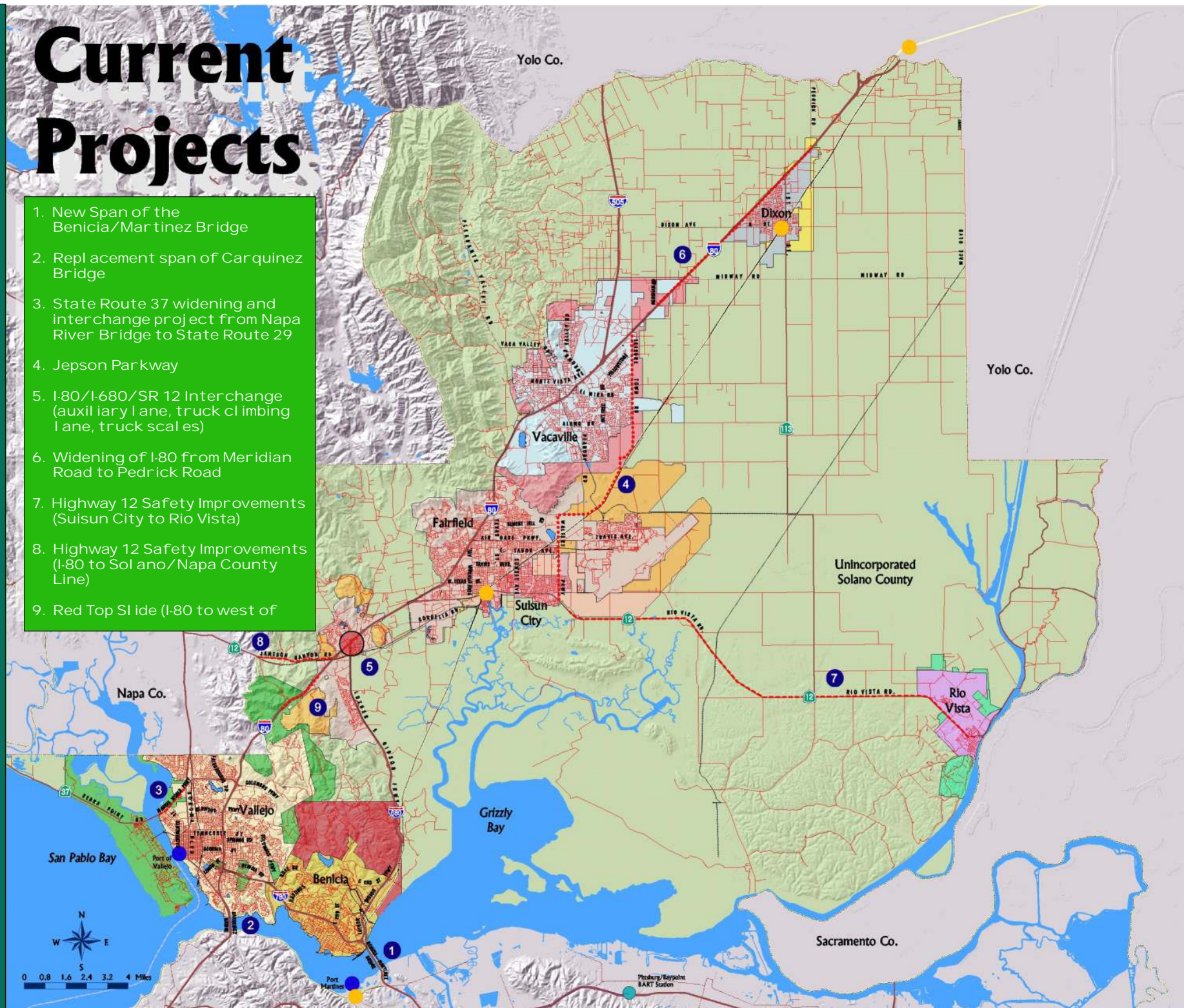
STA's Solano Napa Commuter Information Program (SNCI) program provides ridesharing information and services to Solano and Napa County commuters who travel to jobs throughout the Bay Area and Sacramento.

STA Staff Members...

Daryl Halls	Executive Director
Dan Christians	Assistant Executive Director/ Director of Planning
Mike Duncan	Director of Projects
Elizabeth Richards	SNCI Program Director
Kim Cassidy	Office Administrator/Clerk of the Board
Janice Sells	Program Manager/Analyst
Sandy Catalano	SNCI Program Manager/Analyst
Robert Guerrero	Associate Planner
Jennifer Tongson	Projects Assistant
Barbara Padilla	Accounting Assistant
Sorel Klein	SNCI Commute Consultant
Yolanda Dillinger	SNCI Commute Consultant
Karen Koelling	Administrative Assistant

Current Projects

1. New Span of the Benicia/Martinez Bridge
2. Replacement span of Carquinez Bridge
3. State Route 37 widening and interchange project from Napa River Bridge to State Route 29
4. Jepson Parkway
5. I-80/I-680/SR 12 Interchange (auxiliary lane, truck climbing lane, truck scales)
6. Widening of I-80 from Meridian Road to Pedrick Road
7. Highway 12 Safety Improvements (Suisun City to Rio Vista)
8. Highway 12 Safety Improvements (I-80 to Solano/Napa County Line)
9. Red Top Slide (I-80 to west of



Planning for the Future...

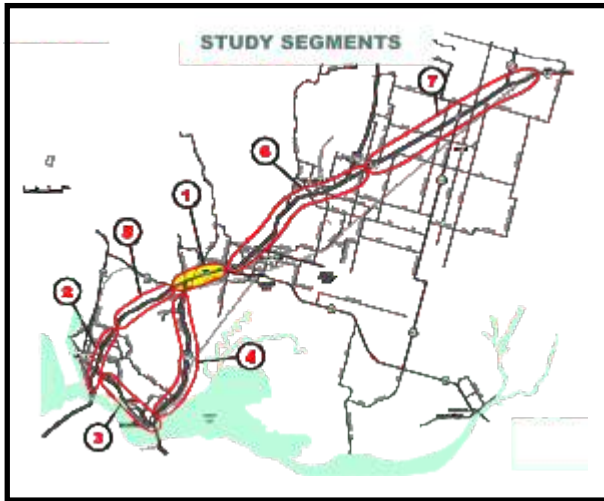
Solano Comprehensive Transportation Plan...

Growing population and an ever increasing number of vehicles clogging Solano County's roads, highways and freeways was the focus of the Solano Comprehensive Transportation Plan. This year the STA continued work on the major planning process that will provide the vision and framework for Solano County's transportation decisions for the next 20 years. The plan focuses on funding availability, projected growth, traffic and transportation system impacts. The purpose of the planning process is to develop a countywide transportation vision, coordinate between different modes, establish short and long range priorities, and develop a funding plan for identified projects and programs.

Three subcommittees were established to oversee the process: 1. Arterials, Highways and Freeways; 2. Transit (rail, ferry and bus); and 3. Alternative Modes (bikes, trails, TLC and rideshare). A Steering Committee coordinated between modes and ensured public input was received. The process included the development of policies and proposals for each of the three elements (roads, transit and alternatives). Special attention was provided to refine the regional and local road needs; ensure transit for elderly and disabled; commuter rail; and review Transportation for Livable Communities (TLC) Enhancement candidate projects. The Countywide Bicycle Plan was prepared and a Traffic Model Update was completed in 2000-2001. The STA will continue to hold community input meetings throughout the entire process.

The scheduled completion of the Draft Solano Comprehensive Transportation Plan is March 2002 with final adoption by the STA Board in May 2002.





I-80/I-680/I-780 Corridor Study...

In planning to meet transportation needs on a long-range basis, the STA Board of Directors completed Segment 1 of the I-80/I-680/I-780 Corridor Study to assess and prioritize key highway issues on the entire length of the corridor. The other six segments will be completed in 2002 and 2003.

Highway 12 Major Investment Study...

Highway 12 is an important east-west route that connects Solano County to Napa and Sonoma counties in the west and I-80 to Rio Vista to the east. The Highway 12 Major Investment Study evaluated the near and long-term improvements needed on the segment of the route from I-80 to the Sacramento River. The study was funded by a state planning grant, and identified transportation deficiencies and developed appropriate phased remedies. Identified improvements will address existing travel safety problems and work to eliminate any hazards. The study identified the environmental constraints that exist in the corridor.

The Project Team has worked proactively to involve all interested parties in the process of developing the MIS documents. The study was completed in October 2001.

The STA continues to work with Caltrans to program over \$30 million of State Highway Operational Protection Program (SHOPP) funding to correct safety and operational issues on Highway 12 from Suisun City to Rio Vista.



New Benicia-Martinez Bridge...

The Benicia/Martinez Bridge expansion project is scheduled for completion in 2005. This major connection between Solano, Contra Costa County and other Bay Area destinations will remove a primary bottleneck for commuters. The STA continues to work in cooperation with the Metropolitan Transportation Commission (MTC), Caltrans, the Contra Costa Transportation Authority and the City of Benicia to address issues concerning the construction of the new northbound bridge span. A new 17 booth toll plaza will be constructed on the Contra Costa side and a new interchange at I-680/I-780 will be provided in Solano County. The new bridge will have five northbound lanes, four southbound lanes, a new pedestrian and bicycle lane, and the capacity for future rail service. The project is currently under construction with the new span scheduled to open in 2005. The estimated cost for this project is \$545 million and is funded by Regional Measure 1 that was passed by Bay Area voters in 1989.



Carquinez Replacement Bridge...

The project includes seismic retrofit of the eastbound span that was constructed in 1958 ensuring both spans meet traffic safety standards and corrects roadway deficiencies. The new span will include three westbound lanes, one HOV lane and a pedestrian/bicycle lane. STA continues to work with Caltrans, MTC and the City of Vallejo to address local issues. The total cost for this project is estimated to be \$340 million and is also funded by Regional Measure 1 moneys. The project is scheduled for completion in by the end of 2003.



I-80/I-680/SR 12 Auxiliary Lane/Interchange/Corridor Study...

The impending completion of the new Benicia/Martinez and Carquinez Bridges created an urgency in accelerating the delivery of this project. The STA Board of Directors have, for the second year, designated the I-80/I-680/SR 12 Interchange the number one transportation project within Solano County. Through the collective efforts of local and state elected officials, the total funding available for this project increased from \$38 million to \$57 million in 2001. The total cost of this interchange is expected to be greater than \$740 million and the STA is working with Caltrans and the Federal Highway Administration to plan construction in phases as funds become available.

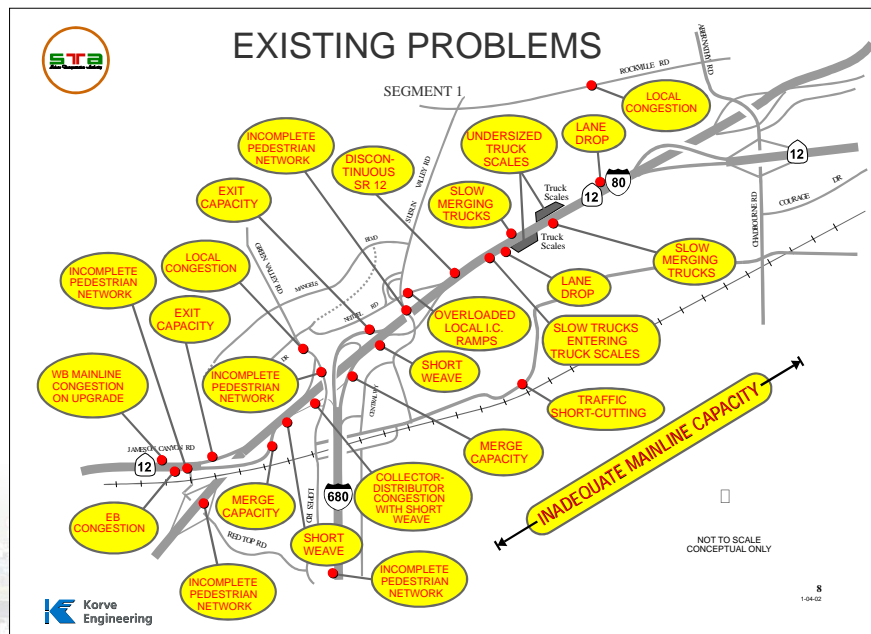
I-80/I-680 Auxiliary Lane...

The Auxiliary Lane Project (Phase I) is the most immediate opportunity to provide temporary relief from the anticipated increase in congestion. The STA staff, Caltrans District 4 staff and project consultants are working on the proposed project designs that will connect the existing lanes to create a fifth through-lane in each direction on I-80. The project also expands the existing one lane connector ramp (to/from I-680 from/to I-80) to two lanes. The \$19 million project is fully funded and is scheduled to begin construction in 2002-2003 with project completion in 2004 (prior to the completion of both bridges).

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

The STA was successful in obtaining an additional \$20 million in state funds to further advance the I-80/I-680/SR 12 Interchange Complex including a new truck climbing lane on SR 12. Also being studied are the Truck Scales that are situated in on both sides of the freeway dangerously close to the interchange.

In order to maintain an acceptable level of service at the I-80/I-680/SR 12 Interchange, various alternative concepts were developed and analyzed by a project team consisting of STA, Caltrans and STA member agencies. Community input was very important as various alternatives were designed and considered



Projects...

Projects...

State Route 37/29 Interchange...

The State Route 37 Project represents a two decade-old Solano County priority project that was accelerated with the closure of Mare Island. Because of the unique and special nature of this project and its proximity to waterways, the White Slough Specific Area Plan was prepared and approved by the Bay Conservation and Development Commission (BCDC) before permits could be issued.

Phase I of this project will restore tidal wetlands at Guadalcanal Village and mitigate the loss of wetlands due to the proposed construction, Phase II and III will construct a four lane freeway in each direction from the Napa River Bridge to Diablo Street and a cloverleaf interchange at Highway 37/29. Mitigation and design work is underway. Total cost of this project is \$119 million and is fully funded. Project completion is scheduled for 2005.



Jepson Parkway Concept Plan...

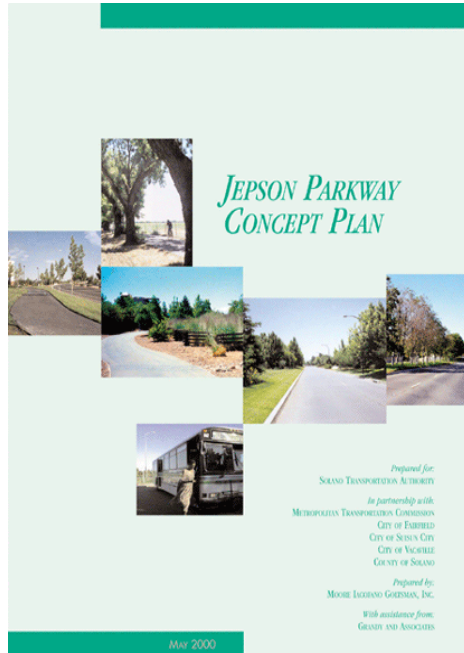
In order to meet an ever growing commuting public, the Jepson Parkway Concept Plan was developed by the STA, the cities of Fairfield, Suisun City, Vacaville, and Solano County. The Concept Plan provides a comprehensive, innovative and coordinated strategy for developing a multi-modal corridor linking land use and transportation.

The multi-modal Parkway Project connects the I-80 Leisure Town Road interchange in Vacaville with Highway 12 in Suisun City. The four-lane parkway is designed to provide intra-county mobility for Solano County residents. The project links the existing road segments of Leisure Town, Vanden, Cement Hill and Walters Roads and includes three bridges, railroad separations, traffic signals and improved intersections.

The STA's Jepson Parkway Concept Bike Route was awarded a \$500,000 Transportation for Livable Communities (TLC) Grant by MTC to construct the first segment of a 12-mile long Class 1 Bike Route along the southern end of the corridor on Walters Road in Suisun City

The Draft Environmental Impact Study Report was begun in the summer of 2001 with a draft EIR/S to be completed by the end of 2003 and final certification expected in 2004. The completion date of the entire project is expected by 2010 with several segments to be completed by 2007/2008.

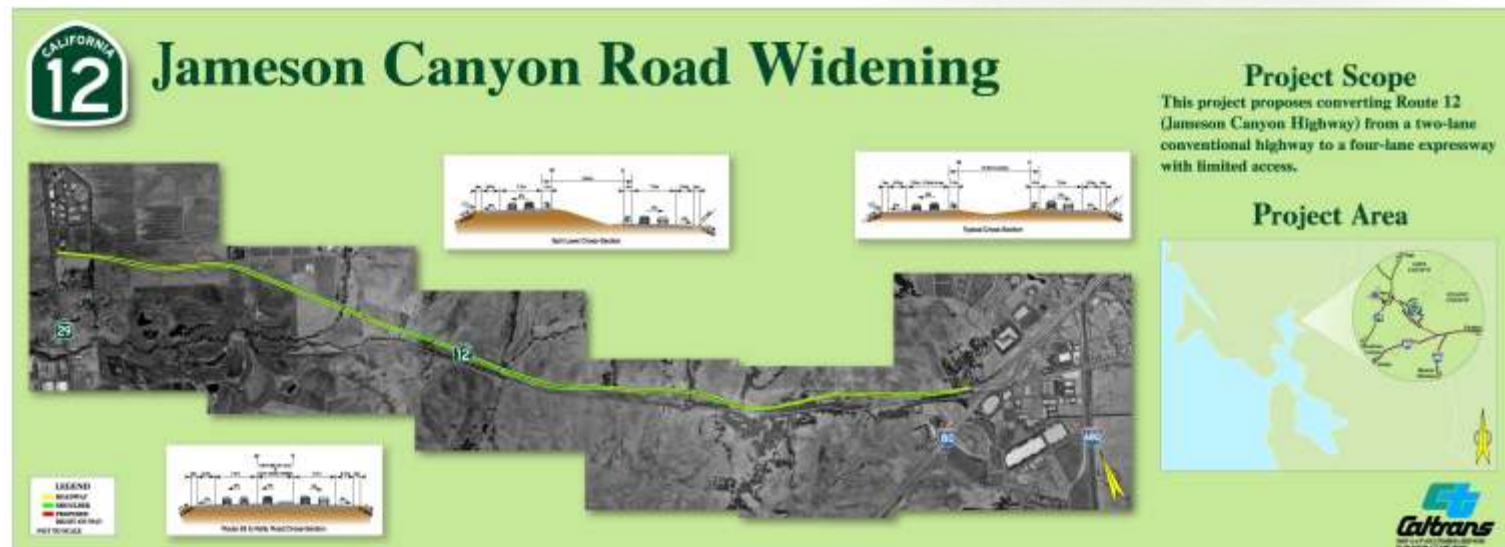
The Jepson Parkway Project was selected to be one of this year's Priority Projects for federal funding.



Projects...

Highway 12 - Jamison Canyon...

This year the STA successfully joined with the Napa County Transportation Planning Agency (NCTPA) to secure an additional \$2 million (\$9 million total secured to date) in state funds to complete environmental and design work for the realignment and widening of that Highway 12 between I-80 in Solano County and Highway 29 in Napa County.



Capitol Corridor Rail Stations...



Since the Capitol Corridor Joint Powers Authority was formed in 1998, the STA has been an active member in the planning of current and future intercity rail service. The Capitol Corridor Rail service operates daily between Sacramento, Oakland and San Jose and has become a viable intercity commute alternative for business and recreational travelers. The Suisun City station ridership has increased by 76% with a systemwide increase of 54.2% . To prepare for the anticipated growth in ridership, the STA Board of Directors initiated the station designs for proposed stations in Fairfield/Vacaville, Benicia and Dixon.



The Capitols obtained state operating funds to add a 8th and 9th daily train to the system in 2001. The STA is supporting state funding for three specific operational improvements needed to improve and expand service in Solano County. The STA has provided funds to double the available parking at the Suisun City Station.



Three commuter rail studies were programmed to study the feasibility of providing for potential service between Solano County and BART, Dixon-Sacramento and Solano and Napa Counties.



Transit Projects...

Transit Projects...

Vallejo Baylink Ferry...

In 2001, the STA continued to support the most successful ferry service in the Bay Area. During 2001 the original Jetcat ferry was rehabilitated and returned to service and a fourth high-speed board was ordered. The STA's collaboration with Vallejo helped provide \$10 million in state and regional funds for a new fast ferry boat.

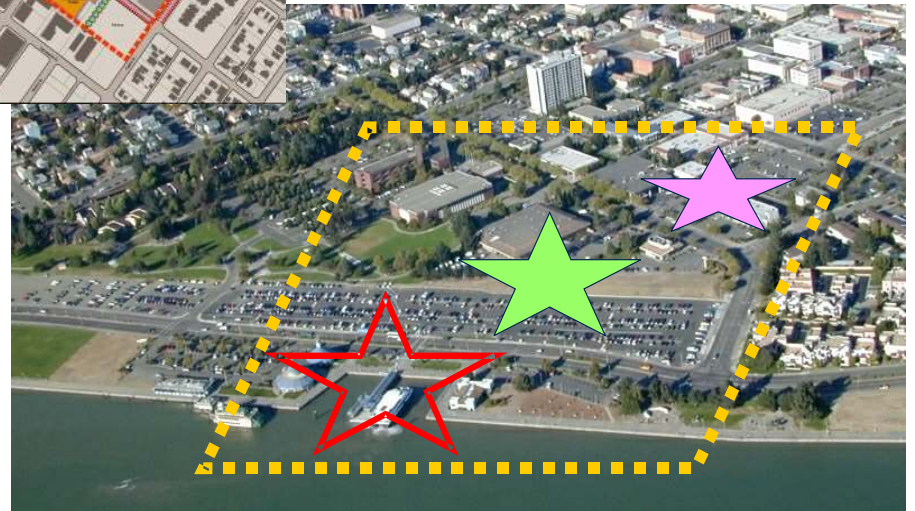


The system has consistently averaged over 50% farebox recovery since 1992 and in 1999/2000 recorded a cost recovery rate of 75%.

The STA Board traveled to Washington DC in March 2001 to secure a \$2 million in federal funds for the proposed Vallejo Intermodal Station. The addition of the new ferry is projected to increase the annual patronage by 500,000 in 2004.



The planned Vallejo Intermodal Station will be the primary transit terminal in the North Bay, facilitating congestion free transit for 5,000 daily ferry riders. The facility will provide 1,400 off street parking spaces, upgrades to local and regional bus transfer facilities, bicycle facilities and pedestrian connections between downtown and the Vallejo Ferry Terminal. In 2001, the STA contributed \$5 million of state funds to this project.





Solano Bikeway Plan Implementation...

The Solano Bikeway Project in Vallejo was opened in 2001. STA Board members participated in the ribbon cutting ceremonies in October.

The STA provided over \$2 million to the project that will provide a bicycle connection between Vallejo and Fairfield along I-80. The Davis to Dixon Phase 3 bicycle project has been completed and an additional segment of the Alamo Creek/Southside Bikeway segments has been completed in Vacaville. The Central County Bikeway along Highway 12 in Suisun City is totally funded and design was completed and construction is expected during 2002/2003.

A specially designed Bike Route sign began appearing in 2001 on primary bike routes throughout the county.

Other Projects/Priorities...

Red Top Slide/McGary Road

- Phase I improvements underway to stabilize slide area

Park and Ride Lots

- Design work began for
 - Fairfield Transportation Center Phase 2
 - Vacaville Bella Vista Park and Ride Lot
 - Vallejo Intermodal Center
- Completed Park and Ride Element

SolanoLinks Transit Coordination

- Transit policies for enhanced coordination developed
- Route 30 ridership was analyzed to improve performance
- Transit Element of Comprehensive Plan was drafted

Solano Napa Commuter Information...

The Solano Napa Commuter Information (SNCI) Program completed the first successful year with STA. As part of MTC's Regional Rideshare Program, the successful SNCI program has provided rideshare information and services to Solano county residents for over 20 years and to Napa residents since 1998.

Solano County commuters have the longest average commutes and the highest percentage of car/vanpooling in the Bay Area. The SNCI program provides not only carpool and vanpool matching and support services, but also comprehensive transportation information. SNCI staff works closely with transit operators to provide up-to-date local and regional bus, rail, and ferry information for commute and non-commute trips. Bicycling, rideshare incentives, park and ride lot information and more are available by calling SNCI at (800) 53-KMUTE.

Throughout the year, the program promotes the use of alternative transportation to individuals and organizations. One avenue to accomplishing this is by working with Solano and Napa employers and others in the business community. Other methods include coordinating countywide promotional campaigns for California Rideshare Week and California Bike to Work Day and partnering with other agencies. Each year SNCI staff attends dozens of community events such as farmers' markets, concerts and business expos. STA's SNCI program strives to deliver comprehensive, alternative transportation information to every level of the community in Solano and Napa counties.



STA Expenditures...

Expenditures	FY 00--01	FY 01-02
Operations	764,220	934,893
Project Development	268,077	463,000
Programs		
Solano Paratransit Operation	301,313	419,338
TFCA Air Quality Grants (BAAQMD)	433,219	443,650
TFCA Fund Balance		97,249
Abandoned Vehicle Program	315,000	393,860
Transit Route 30	115,000	74,650
Fairfield/Vacaville Rail Station	591,000	591,000
Jepson Parkway Project	491,000	250,000
Highway 12 MIS	110,000	
SolanoLinks Tarnsit (Planning/Marketing)	160,000	107,000
Local Match Purchase for Route 30	375,000	375,000
Capitol Corridor Station Design	250,000	125,000
I-80/I-680/I-780 Corridor Study	500,000	539,927
Napa Solano Rail Study		115,000
TDA Interest Adjustment		342,702
Countywide Trails Plan		145,000
Total Program	3,641,532	4,019,376
SNCI Program	668,437	840,673
Total STA Expenditures	5,342,266	6,257,942

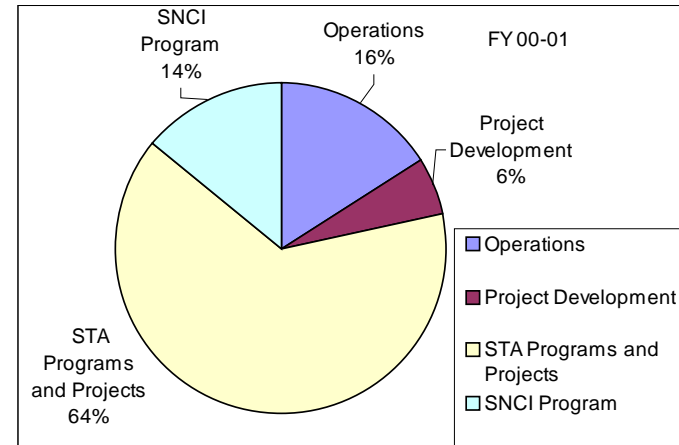


Fig 1 - FY 00-01 Expenditures

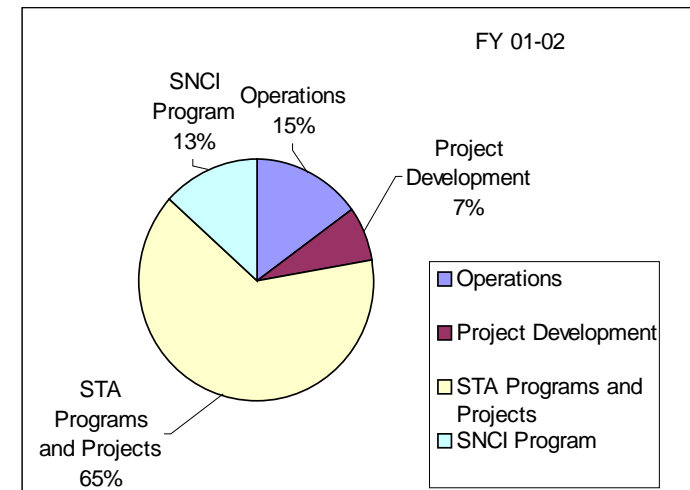
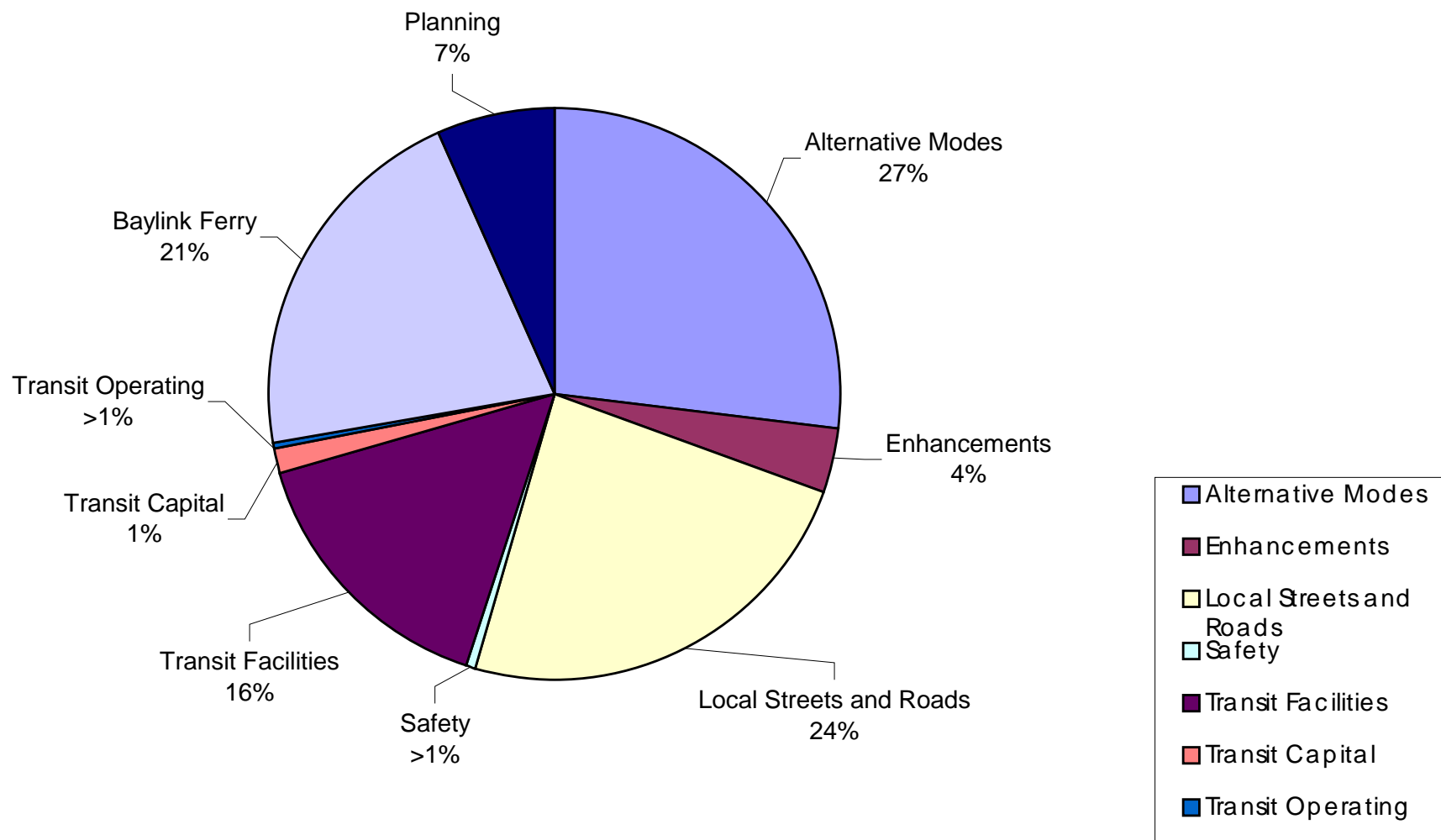


Fig 2 - FY 01-02 Expenditures

STA Budget...

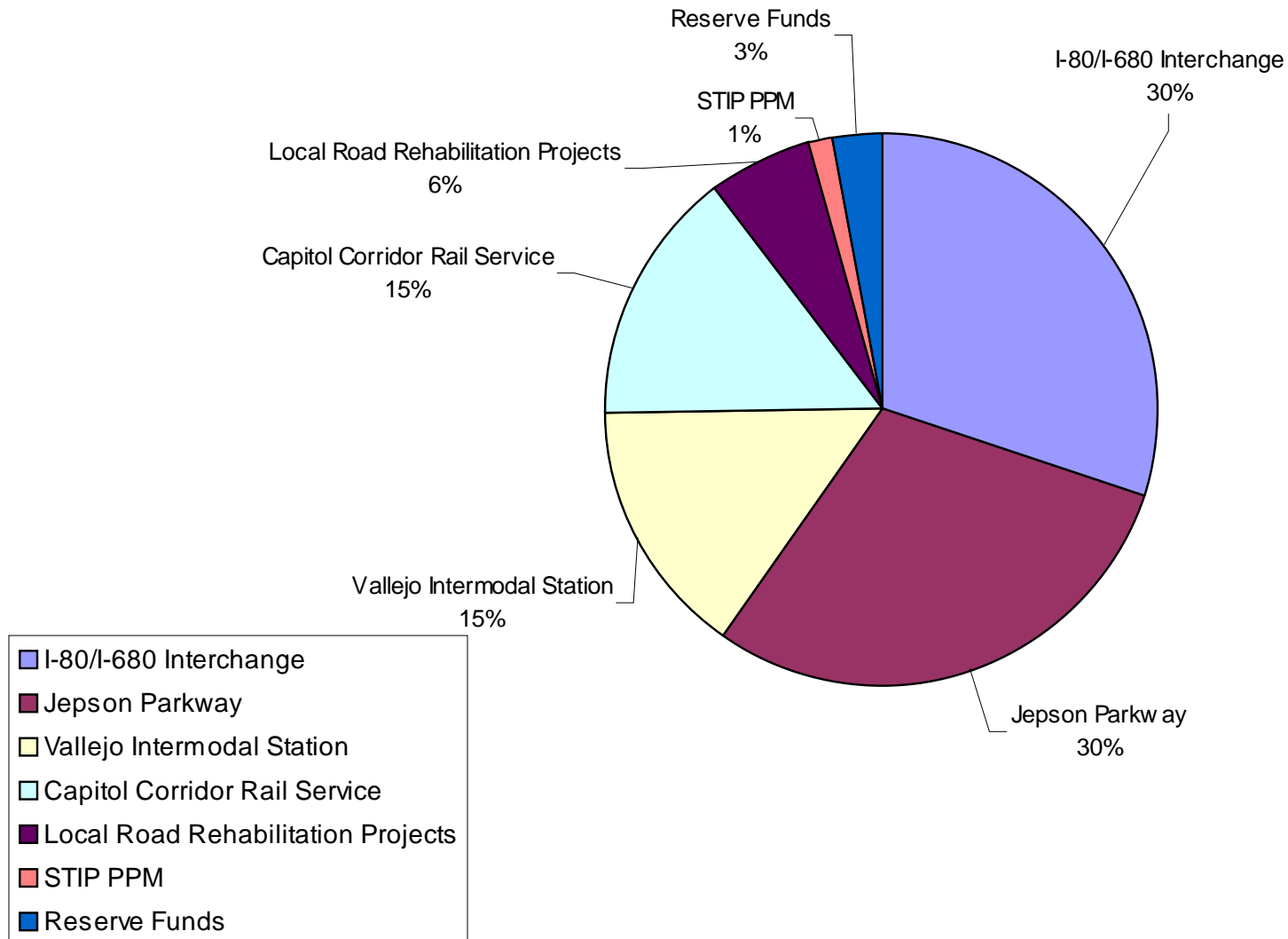
STA Funds...

Total Federal Funds Obligated = \$23.7 Million...



2002 Regional Transportation Improvement Program = \$33.4 Million...

STA Funds...





Solano Transportation Authority

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STA's Solano Napa Commuter Information

Phone: 800.53KMUTE

e-mail: kmute800@STA-SNCI.com