



Solano Transportation Authority

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# SOLANO TRANSPORTATION AUTHORITY

Member Agencies:  
Benicia ♦ Dixon ♦ Fairfield ♦ Rio Vista ♦ Suisun City ♦ Vacaville ♦ Vallejo ♦ Solano County

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## TRANSIT COMMITTEE Meeting Agenda

10:00 a.m., Monday, January 25, 2010

STA Conference Room  
One Harbor Center, Suite 130  
Suisun City, CA 94585

### ITEM

### BOARD/STAFF PERSON

**I. CALL TO ORDER – SELF INTRODUCTIONS**

**Jack Batchelor, Chair**

**II. APPROVAL OF AGENDA**

**III. APPROVAL OF MEETING MINUTES**

**Jack Batchelor, Chair**

*Recommendation:*

*Approve the Meeting Minutes of October 29, 2008.*

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**IV. ACTION ITEMS**

**A. Comprehensive Transportation Plan (CTP) -  
Transit Facilities of Regional Significance**

**Robert Macaulay, STA**

*Recommendation:*

*Forward a recommendation to the STA Board to add  
the transit facilities specified in Attachment B to the  
STA's Transit Facilities of Regional Significance.*

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**B. Comprehensive Transportation Plan (CTP)  
Update – Draft Project List**

**Robert Macaulay, STA**

*Recommendation:*

*Forward a recommendation to the STA Board to  
adopt the Draft CTP Project List of Transit projects  
specified in Attachment A.*

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### Transit Subcommittee Members

Jack Batchelor  
Chair  
City of Dixon

VACANT  
City of Benicia

Chuck Timm  
City of Fairfield

Mike Hudson  
City of Suisun City

Osby Davis  
City of Vallejo

Crystal Odum-Ford  
Intercity Transit  
Consortium

The Transit Committee Meeting Agenda and Complete Packet is available on  
STA's website: [www.solanolinks.com](http://www.solanolinks.com)

**C. Amendment to State of the System – Transit Element, Paratransit Services**

**Robert Macaulay, STA  
Elizabeth Richards, STA**

Recommendation:

*Forward a recommendation to the STA Board to adopt the amended Paratransit section of the State of the System – Transit report specified in Attachment A.*

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**D. Comprehensive Transportation Plan (CTP) Update – Transit Element Goal Gap Analysis**

**Robert Macaulay, STA**

Recommendation:

*Forward a recommendation to the STA Board to adopt the CTP Update – Transit Element Goal Gap Analysis specified in Attachment A.*

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**V. INFORMATIONAL ITEMS**

**A. Benicia Vallejo Transit Consolidation Status**

**Elizabeth Richards, STA**

Informational:

*Review the status of transit consolidation efforts involving the cities of Vallejo and Benicia*

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**B. Comprehensive Transportation Plan (CTP) Update – Next Steps and Schedule**

**Robert Macaulay, STA**

Informational:

*Review the list of follow-up steps and the schedule for their completion.*

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**VI. NEXT MEETING AND FUTURE TOPICS**

**A. Establish date and time for next Committee meeting**

**Jack Batchelor, Chair**

**B. Future agenda items/next steps**

**VII. ADJOURNMENT –**

**Jack Batchelor, Chair**



**SOLANO TRANSPORTATION AUTHORITY  
Transit Subcommittee Draft Minutes for Meeting of  
October 29, 2008**

**I. CALL TO ORDER**

Chair Courville called the meeting to order at 3:10 p.m.

**MEMBERS**

<b>PRESENT:</b>	Mary Ann Courville (Chair)	City of Dixon
	Alan Schwartzman	City of Benicia
	Chuck Timm	City of Fairfield
	Osby Davis	City of Vallejo

**MEMBERS**

<b>ABSENT:</b>	Mike Segala	City of Suisun City
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**INVITED**

Gene Skoropowski	CCJPA (unable to attend)
Doug Kimsey	MTC (unable to attend)
Jack Broadbent	BAAQMD (unable to attend)
Crystal Odum Ford	SolanoExpress Intercity Transit Consortium

**OTHERS**

<b>PRESENT:</b>	John Murphy	Dixon (Member of Public)
	June Guidotte	Suisun City (Member of Public)
	Jenelle R. Nettles	Dixon (Member of Public)
	Wayne Lewis	City of Fairfield Public Works

**STAFF**

<b>PRESENT:</b>	Daryl Halls	STA
	Robert Macaulay	STA
	Elizabeth Richards	STA
	Robert Guerrero	STA
	Sara Woo	STA

**II. APPROVAL OF AGENDA: October 29, 2008**

On a motion by Member Schwartzman and second by Member Davis, the STA Transit Committee approved the agenda.

**III. APPROVAL OF MINUTES FROM LAST MEETING: May 19, 2008**

On a motion by Member Timm and Member Schwartzman, the STA Transit Committee approved the agenda.

**IV. INFORMATIONAL ITEMS**

**A. CTP Update**

Robert Macaulay provided an update on the other two CTP committees, commenting that they had also held meetings. Mr. Macaulay noted that the State of System Reports for the Alternative Modes and Arterials, Highways & Freeways committees are currently being written by STA staff. He also discussed the tentative schedule for future meetings. Mr. Macaulay further explained that the CTP committees are anticipated to meet again in mid spring (March or April of 2009) to discuss the updates on subsidiary plans that will guide where we want to be.

Chair Courville asked how often the CTP is updated. Daryl Halls commented that the CTP is updated approximately every three (3) to four (4) years. Mr. Macaulay further noted that the Congestion Management Plan (CMP) is updated approximately every two (2) years.

**V. ACTIONS ITEMS**

**A. State of System Report**

**Recommendation:**

Forward a recommendation to the STA Board to adopt the Transit Element State of the System Report of the Comprehensive Transportation Plan (CTP).

Mr. Macaulay commented that the state of the system report was developed to help inventory current facilities and also to look at how the overall transit system is operating. He also explained that similar reports are being developed for the Alternative Modes Committee and the Arterials, Highways & Freeways Committee. Mr. Macaulay explained that the State of the Transit System Report was meant to consider the following:

1. Capital Resources.
  - a. Capitol Corridor. trains/coaches/refurbished cars, tracks and stations
  - b. Ferry System. Demand for more ferry service must come through WETA, which has no scheduled replacement for current fleet
  - c. Bus System. (intercit
  - d. Carpools/Vanpools. Includes park-and-ride lots; vehicles are privately owned.
2. Operations. There is lots of capacity in ferries, train, and to an extent, buses. Vanpool and carpool vehicles individually have less capacity, but have more collective capacity and are more flexible
3. Also paratransit

Mr. Macaulay commented that the State of the System report will be included as an appendix to the CTP. He commented that with the Transit Committee’s approval, the report will be reviewed by the Transit Consortium as well as the Technical Advisory Committee before formal Board approval.

Chair Courville opened the comment period:

Chair Courville commented that updates to “the state of the system” happens nearly every month (i.e. Capitol Corridor). She commented that it could be useful to include a sentence as such, “For realistic numbering, please see [Capitol Corridor] monthly report...” to help people track updates.

Member Davis commented that the State of the System Report helps put the information presented in the plan into perspective. He further noted that it was useful to read the State of the System Report in addition to transit element because without doing so, it could be

challenging to understand the full picture of the transit element.

It was also noted that the Consortium will review the state of the system report, and that bicycle facilities are in the Alternative Modes element.

Curtola Pkwy PnR: Council will expand it to build 3 parking structures, improve greyhounds bus station across the street in future. Plans are with Vallejo staff. Looked at phasing of ferry parking garage (1<sup>st</sup> phase...800 parking spaces in phase 1).

Should we have more dialog on the paratransit at this meeting? I'd like to see more dialog. (Courville) 3<sup>rd</sup> Friday of the PCC we'll run it by the PCC t their next meeting (RM)

Batavia Road (no road studies on the cemetery...3-4000 cars come out of it). The railroad...if the train could stop there, it would be awesome (John) The VA cemetery in front of his house. The train once stopped there in the 1800s. People are bringing their families there.

There used to be a historical train station and post office. Town of Batavia... Batavia train station stop—town ship

Where does the funding for the bicycle trails come from?

On a motion by Councilman Timm and a second by Councilman Schwartzman, the Committee recommended the STA Board adopt the State of the System – Transit Element report.

### **B. Transit Element Introduction Chapter**

Intro chapter helps describe where we want to go by putting the state of the systems report, etc. More provoking language to describe the interrelationship between the three elements. Key obstacles we face and opportunities we have. SOV is convenient, but we have to pay for gas, maintenance, parking, etc.

On a motion by Councilman Schwartzman and a second by Councilman Timm, the Committee recommended the STA Board approve the Transit Element introduction.

### **C. Transit Facilities Map**

A map of the Transit Facilities of Regional Significance was presented and recommended for approval as part of the Transit Facilities of Regional Significance report.

On a motion by Mayor Davis and a second by Councilman Schwartzman, the Committee recommended the STA Board approve the Transit Facilities fo Regional Significance map.

Meeting adjourned at 4:15 p.m.

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DATE: December 22, 2009  
TO: STA Comprehensive Transportation Plan - Transit Committee  
FROM: Robert Macaulay, Director of Planning  
RE: Comprehensive Transportation Plan (CTP) Update – Transit Facilities of Regional Significance

**Background:**

The STA Board has initiated an update of the Solano Comprehensive Transportation Plan (CTP). The CTP is the STA's primary long-range planning document. The CTP consists of three main elements: Alternative Modes; Arterials, Highways and Freeways; and, Transit. The STA established Routes of Regional Significance in 2000 to identify the roadways critical to maintaining mobility in Solano County. For the 2008 CTP update, the STA Board has also directed that Transit Facilities of Regional Significance be identified. The STA Transit Committee and the TAC reviewed the draft Transit Facilities of Regional Significance, in mid-2008, and the final criteria and list of facilities was approved in October of 2008.

In June of 2009, STA asked the cities and the county to submit a list of projects and programs that each jurisdiction wished to have included in the CTP. Several cities submitted transit projects or programs that are not part of the Transit Facilities of Regional Significance, or that may apply only to local transit services.

**Discussion:**

Transit facilities of Regional Significance Criteria

The criteria for Transit Facilities of Regional Significance are contained in Attachment A.1. The criteria were designed to focus on regionally-significant transit facilities, and to exclude primarily local services. Similarly, Routes of Regional Significance focus on those roadways that provide for transportation between jurisdictions (including access to locations outside of Solano County), and to only address primarily local roads when they provide a unique alternative to the inter-city route. Attachment A.2 lists existing facilities that have been designated as Transit Facilities of Regional Significance.

Transit facilities of Regional significance Projects

Attachment B is a list of all transit projects submitted to date for inclusion in the CTP project list. At the end of the list are two groupings of projects: those that STA staff has identified as meeting the criteria of Transit Facilities of Regional significance and should be added to the list; and, those projects that STA staff has identified as not meeting the existing Transit Facilities of Regional Significance criteria, and that should therefore not be included in the CTP project list.

One set of projects—3 park-and-ride lots in Dixon – is recommended for addition to the Transit Facilities of Regional Significance project list. These projects are similar to the Benicia and

Fairfield Park-and-ride lots, which are already included in the Transit Facilities of Regional Significance list.

The primary reason for recommendation of exclusion is that the projects do not primarily address regional transportation. Even though local bus routes often do feed intercity transit services, they do not provide such services themselves. Their primary purpose is to provide transit services within the boundaries of the individual cities, and therefore fall below the threshold of being regionally significant.

**Fiscal Impact:**

None. However, Transit Facilities of Regional Significance are proposed and the transit vehicles they serve are proposed to be the top priority candidates for future transit investment guided by the CTP.

**Recommendation:**

Forward a recommendation to the STA Board to add the transit facilities specified in Attachment B to the STA's Transit Facilities of Regional Significance.

Attachments:

- A.1 Criteria for Transit Facilities of Regional Significance
- A.2 Adopt Transit Facilities of Regional Significance
- B. Transit Element Draft Project List
- C. Transit Facilities of Regional Significance Map

**Criteria for Transit Facilities of Regional Significance  
Adopted December 10, 2008**

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“Transit Facilities” are permanent, fixed infrastructure such as bus, ferry and train stations, maintenance yards and the roadways used by transit vehicles.

“Regional Significant” means connecting Solano County and its communities with the greater northern California region, or connecting communities within Solano County.

Transit Facilities of Regional Significance are:

1. All passenger rail lines, and all passenger train stations, current or planned, identified in an adopted STA Plan.
2. All ferry facilities, including terminals, maintenance docks and fueling stations, current or planned, identified in an adopted STA Plan.
3. Bus stations providing all of the following services:
  - a. Routes to destinations outside Solano County or between two or more cities in Solano County
  - b. Peak hour headways of 1 hour or less
4. Maintenance and parking facilities for buses providing services identified in 1, 2 or 3 above.
5. Interchanges that provide access to and from the highway system for stations identified in 1, 2 or 3 above.

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**Adopted List of Transit Facilities of Regional Significance Projects**

<b>Facility Name</b>	<b>Location</b>	<b>Description</b>
<b>Passenger Stations (rail, ferry, bus)</b>		
Suisun City Train Station	Main Street – Suisun City	Existing train station and platform for Capitol Corridor; short-term auto parking; bus loading and unloading spaces; 250+ park-and-ride across Main Street.
Vallejo Ferry Terminal	Mare Island Way/ Georgia Street – Vallejo	Existing Ferry terminal: ticket station, waiting area, dock. 900-space parking lot; bus stops.
Fairfield Transportation Center	Cadenasso Drive – Fairfield	Existing Multimodal transit center: 640 surface and structure parking spaces; covered bus bays.
Vacaville Intermodal Center	Allison and Ulatis Drives – Vacaville	Future bus stations with covered bays, 200-space surface lot (Phase I). Phase I is fully funded and scheduled for construction in 2009. Phase II 400-space parking structure; not yet funded.
Fairfield/Vacaville Intermodal Station	Peabody and Vanden Roads – Fairfield	Future train station and platform for Capitol Corridor; 200 space surface parking in Phase I with 400 space structure in Phase II. Not fully funded; existing passenger train service commitment.
Dixon Train Depot	A St and SR 113 – Dixon	Existing train depot for Capitol Corridor; 114 space parking lot; future passenger platform. Not fully funded; no passenger train service commitment.
<b>Passenger Transfer Sites (bus)</b>		
Curtola Park and Ride	Curtola Parkway – Vallejo	Existing intercity bus transfer site and 419-space park and ride lot. Future park and ride parking structure and intercity bus station; Phase I fully funded.
Davis Street Park and Ride	Davis Street – Vacaville	Intercity bus transfer site and 250-space Park and Ride lot.
Dixon Park and Ride Lot	Market Lane and Pitt School Road – Dixon	89 space Park and Ride lot; stop for Route 30.
York/Marin Transfer Station	York and Marin Streets – Vallejo	Bus transfer station serving Routes 80 and 85

Sereno Transfer Station	Sereno St between Sonoma Boulevard and Broadway Street – Vallejo	Bus transfer station serving Route 85
<b>Park and Ride Lots</b>		
Existing Park and Ride Lots	Existing Park and Ride Lots not co-located with other facilities	Vacaville Leisure Town – 45 spaces Vacaville Cliffside – 125 Vacaville Bella Vista – 200 spaces Fairfield Green Valley – 59 spaces Vallejo American Canyon Road * – 22 spaces Benicia Lake Herman Road * – 48 spaces Benicia E Street – 15 spaces Vallejo Benicia Road – 13 spaces Vallejo Magazine Street – 19 spaces Vallejo Lemon Street – 64 spaces Rio Vista Front and Main – 20 spaces
Proposed Park and Ride Lots	Approved and/or partly or fully funded Park and Ride Lots	Benicia – Southampton Road Benicia – Downtown Park Benicia – Industrial Way
* Not officially designated by Caltrans or a City as a Park and Ride lot, but continuously functions as such.		
<b>Support Facilities (ferry, bus, rail)</b>		
Vallejo Ferry Maintenance and Fueling Station	Nimitz Avenue, Mare Island – Vallejo	Ferry maintenance facility and fuel station
Vallejo Transit Bus Maintenance yard	1850 Broadway – Vallejo	Maintenance and storage yard for Vallejo Transit intercity buses
Fairfield and Suisun Transit Bus Maintenance yard	420 Gregory Street – Fairfield	Maintenance and storage yard for FAST intercity buses
Union Pacific Railroad Tracks	Solano County; Dixon, Fairfield, Suisun City, Benicia	Railroad tracks, switches, right-of-way used for passenger train service, from Yolo County border to Carqinez Strait.

Project Status key:

Permitted and Ready to Construct – all permits and funding secured

Designed – greater than 35% PS&E and an approved environmental document

Preliminary Design – greater than 10% but less than 35% PS&E

Planned – less than 10% PS&E

Agenda Item IV. A  
December 24, 2009

**ATTACHMENT B**

**DRAFT CTP TRANSIT PROJECT LIST 2009**  
(Last Updated: December 24, 2009)

CTP ID	Agency	Location / Title	Element	Description	Project Status
09CTP 013	Benicia	New Transfer/Park-n-Ride Facilities	Transit - <b>Rideshare</b>	Construct new facilities at a) First St./Downtown (Rte. 78), (Design) b) Military at Southampton Rd. (Rte. 78), (Design) and c) intersection of Park Rd./Industrial Way (Rte. 40) (Planned). <b>This is a Facility of Regional Significance.</b> May include local and express bus and park-and-ride. These are RM-2 funded facilities.	Planned
09CTP 021	Benicia	Improve or replace bus shelters	Transit – <b>Bus</b>	Upgrade or replace 12 bus shelters. Project is funded with ARRA funds.	<b>Permitted and Ready to Construct</b>
09CTP 028	Benicia	Construct Benicia Multi-Modal Rail Station	Transit – <b>Bus</b>	Construct new Capitol Corridor train station at Lake Herman Road. <b>This is a Facility of Regional Significance.</b>	Planned
09CTP 238	Benicia	Construct Benicia Intermodal Transportation Station	Transit – <b>Bus</b>	Construct new multi-modal transportation center in I-680/Lake Herman Road area. May include local and express bus bays and park-and-ride facilities. May provide short-range shuttle to future Capitol Corridor train station. <b>This is a Facility of Regional Significance.</b> This project was also submitted by the County of Solano.	Planned
09CTP 020	Benicia	Provide more joint bus operations	Transit – <b>Bus</b>	Provide more intercity bus service. Possible consolidation with Vallejo into South County Transit Authority	Planned Program

CTP ID	Agency	Location / Title	Element	Description	Project Status
09CTP 120	Benicia	First Street and Waterfront	Transit – <b>Rail or Ferry</b>	Construct ferry terminal and support facilities at end of First Street to provide direct ferry service to San Francisco Ferry Terminal. <u>See Project 09CTP 100 (STA)</u> STA Water Transportation Plan must proceed project(s)	Planned
09CTP 227	Dixon	SolanoExpress	Transit – <b>Bus</b>	Modify Route 30 to support direct transit connections to Davis, and to improve connectivity to west-bound buses that serve the Bay Area.	Planned
09CTP 226	Dixon	Downtown Dixon Multi-Modal Rail Station/ Transportation Center	Transit – <b>Rail or Ferry</b>	Construct a Capitol Corridor passenger train station in downtown Dixon. A ticket station/ passenger depot and parking lot have been constructed. <b>This is a Facility of Regional Significance.</b> This project was also submitted by the County of Solano.	Preliminary Design
09CTP 188	Fairfield	I-80/Red Top Park-and-Ride lot	Transit - <b>Rideshare</b>	Construct a 500 space park-and-ride lot on Red Top Road at I-80. A 200 space first phase is in Design. Construction of first phase is planned for the end of 2010. <b>This is a Facility of Regional Significance.</b>	Preliminary Design
09CTP 190	Fairfield	I-680 Gold Hill Park-and-ride lot	Transit - <b>Rideshare</b>	Construct 200 space park and ride lot Gold Hill Road at I-680.	Planned
09CTP 195	Fairfield	ADA Access at bus facilities	Transit – <b>Bus</b>	Bring existing facilities into compliance with federal ADA and CCR Title 24. Improvements being completed in phases as funding permits	<b>Permitted and Ready to Construct</b>
09CTP 193	Fairfield	Expand Fairfield Transportation Center	Transit – <b>Bus</b>	Construct expansion of existing parking garage at Beck and Cadenesso drives, with a net addition of 1,000 parking spaces. The site currently serves as a regional park-and-ride lot and bus station for express and local services. First phase of expansion to expand from 640 to approximately 1,000 spaces is environmentally cleared. <b>This is a Facility of Regional Significance.</b>	Planned

CTP ID	Agency	Location / Title	Element	Description	Project Status
09CTP 185	Fairfield	Peabody and Vanden Roads - Fairfield/Vacaville Multi-modal Rail Station	Transit – <b>Rail or Ferry</b>	Construct a local/regional bus, park-and-ride lot and Capitol Corridor train station at the intersection of Vanden and Peabody roads. Develop high-density mixed use development immediately adjacent to the station. Project in Design and targeted for completion by 2014. <b>This is a Transit Facility of Regional Significance.</b>	Preliminary Design
09CTP 162	Rio Vista	Intra-city shuttle bus	Transit – <b>Bus</b>	Provide regular bus service to regional transit providers (BART, Capitol Corridor, San Joaquin transit).	Planned
09CTP 201	Rio Vista	Sacramento River Waterfront	Transit – <b>Rail or Ferry</b>	Construct a facility to support passenger ferry service to either Sacramento or the San Francisco Ferry Building. <u>See Project 09CTP 100 (STA)</u> STA Water Transportation Plan must proceed project(s)	Planned
09CTP 202	Rio Vista	Provide intermodal transit centers	Transit – <b>Rail or Ferry</b>	Develop a multi-modal transit center and provide regular bus service to regional transit providers (BART, Capitol Corridor, San Joaquin transit). Location options are Main and Front streets (downtown) or SR 12 and Church Street.	Planned
09CTP 199	Rio Vista	SR 12/Church Street and Amerada Intersections	Arterials, Highways and Freeways - <b>Arterial</b>	Improve the intersection of SR 12 and Church Street, with the option of including a 40-space park-and-ride lot at the southeast corner. A PSR is being prepared for the project. <b>This is a Route of Regional Significance.</b>	Preliminary Design
09CTP 050	Solano County	Support Solano County's paratransit operations	Transit – <b>Paratransit</b>	Provide paratransit transportation to ADA qualified riders. Solano County paratransit service is ongoing	Existing Program
09CTP 900	Solano County	Consolidate paratransit operations	Transit – <b>Paratransit</b>	Study consolidation of paratransit operations among the cities and County to provide more effective service to riders.	Study
09CTP 052	Solano County	Support Solano County paying its fair share for transit services provided to unincorporated residents by others	Transit – <b>Bus</b>	Ensure Solano County pays its fair share of transit costs, but not more, for transit services provided to the unincorporated area.	Existing Program

CTP ID	Agency	Location / Title	Element	Description	Project Status
09CTP 044	Solano County	Enhance the connections between public transit in Solano County and public transit in adjacent counties	Transit – <b>Bus</b>	Improve County-to-County public transit connections to better serve the County’s growing commute population.	Planned Program
09CTP 045	Solano County	Expand regional express bus service in conjunction with HOV lane improvements	Transit – <b>Bus</b>	Address regional commute needs as the County’s population grows by expanding public transit capabilities.	Planned Program
09CTP 046	Solano County	Integrate transit services, including express buses, with multi-modal rail stations	Transit – <b>Bus</b>	Ensure that transit operations are planned to provide efficient service to multi-modal rail stations.	Planned Program
09CTP 048	Solano County	Support more joint bus operations	Transit – <b>Bus</b>	Support more effective coordination of existing bus operations to better provide for the transportation needs of riders.	Planned Program
09CTP 051	Solano County	Support the provision of wireless internet connections on public transit	Transit – <b>Bus</b>	Provide wireless internet service on public transit to better serve the needs of riders.	Planned Program
09CTP 900	Solano County	Countywide	Transit – <b>Bus</b>	Implement study recommendations to consolidate intercity transit services for local and express bus services to provide more effective public transit performance. A Solano Transit Consolidation Study has been undertaken. Benicia and Vallejo are discussing potential consolidation	Study
09CTP 047	Solano County	Support light rail commuter service	Transit – <b>Rail or Ferry</b>	Support options for potential light rail service in Solano County.	Planned Program
09CTP 068	Suisun City	Park-and-ride lot Landscape Project	Transit - <b>Rideshare</b>	Periodic replacement of landscaping at existing Suisun City Park-and-ride lot. <b>This is a Transit Facility of Regional Significance.</b>	Planned

CTP ID	Agency	Location / Title	Element	Description	Project Status
09CTP 062	Suisun City	Improve and provide additional bus shelters	Transit – <b>Bus</b>	Install solar bus shelters to bus stops as needed. Managed by FAST.	Planned
09CTP 064	Suisun City	Provide direct bus connections to rail station	Transit – <b>Bus</b>	Provide additional direct bus connections to rail station as warranted. Managed by FAST.	Planned Program
09CTP 071	Suisun City	Union Pacific Railroad Sound Walls	Transit – <b>Rail or Ferry</b>	Construct sound walls along railroad tracks between tracks and future developments as needed.	Planned
09CTP 106	Vacaville	Accessible taxi vehicles (capital)	Transit – <b>Paratransit</b>	Procure accessible mini-van type vehicles equipped with rear wheelchair loading ramps to be used by local taxi companies in support of senior and disabled transportation programs within Solano County.	Planned
09CTP 107	Vacaville	Accessible Taxi Program (operations)	Transit – <b>Paratransit</b>	Provide a taxi style transportation alternative to seniors and disabled persons within Solano County.	Planned Program
09CTP 099	Vacaville	Electronic farebox and automated fare dispensing machines	Transit – <b>Bus</b>	Install electronic fare dispensing and collecting systems throughout the City Coach transportation system. To include fare card readers on buses and automated purchasing kiosks to purchase and or reload magnetic strip fare cards.	Existing Program
09CTP 104	Vacaville	Interagency coordination of regional bus services	Transit – <b>Bus</b>	Enhance regional coordination of bus service and connections with partner transit agencies of Solano County.	Existing Program
09CTP 097	Vacaville	Phase 2 Vacaville Transportation Center	Transit – <b>Bus</b>	Phase 2 to include the construction of a three story, 400 car parking garage structure directly adjacent to bus transfer facility. <b>This is a Transit Facility of Regional Significance.</b>	Preliminary Design
09CTP 105	Vacaville	Real-time bus tracking systems	Transit – <b>Bus</b>	Install real-time, GPS arrival systems on buses with kiosk display stations located at transit transfer stations throughout Solano County.	Planned Program

CTP ID	Agency	Location / Title	Element	Description	Project Status
09CTP 097	Vacaville	Phase 1 Vacaville Transportation Center	Transit – <b>Bus</b>	Phase 1 to include a 10 bus bay carousel, commuter parking for 200 cars and commuter vans, a large clock tower, five large passenger bus shelters, public restroom, bike lockers, low maintenance landscaping, solar photovoltaic systems and LED lighting throughout. Project is fully funded. <b>This is a Transit Facility of Regional Significance.</b>	<b><u>Under Construction</u></b>
09CTP 127	Vallejo	Expand paratransit	Transit – <b>Paratransit</b>	Expand paratransit program over different modalities	Planned Program
09CTP 156	Vallejo	I-780/Lemon St./Curtola Pkwy. transit center	Transit - <b>Rideshare</b>	Construct a parking garage at the Lemon St. park-and-ride lot, with associated local and express bus facilities. Ultimately, construct a parking garage at the site. This is a phased project. <b>This is a Transit Facility of Regional Significance.</b>	Planned
09CTP 119	Vallejo	Vallejo Station Intermodal Terminal (Phases A and B)	Transit – <b>Bus</b>	Project consists of four parts: the bus transit facility, phases A and B of the ferry terminal parking structure, and the City Hall parking structure. Bus transit center is under construction; ferry parking structure A is designed; B is prelim design; City Hall parking is planned. <b>This is a Transit Facility of Regional Significance.</b>	<b><i>Permitted and Ready to Construct</i></b>
	Vallejo	Vallejo Station bus transit center	Transit – <b>Bus</b>	Covered bus bays, transit operations center offices, pedestrian enhancements <i>This is a portion of Project 09CTP119</i>	<b><u>Under Construction</u></b>
	Vallejo	Vallejo Station ferry terminal parking structure (Phase A)	Transit – <b>Rail or Ferry</b>	Construct a 600-space parking garage on Mare Island Way, to serve the Vallejo Ferry Terminal and adjoining high-density mixed use downtown redevelopment to consolidate present surface parking. <i>This is a portion of the previous project, 09CTP119</i>	Designed
	Vallejo	Vallejo Station ferry terminal parking structure (Phase B)	Transit – <b>Rail or Ferry</b>	Construct a 600-space parking garage on Mare Island Way, to serve the Vallejo Ferry Terminal and adjoining high-density mixed use downtown redevelopment to consolidate present surface parking. <i>This is a portion of the previous project, 09CTP119</i>	Preliminary Design

CTP ID	Agency	Location / Title	Element	Description	Project Status
	Vallejo	Vallejo Station City Hall parking structure	Transit – <b>Rail or Ferry</b>	Construct a 1000-space parking garage to increase capacity for expansion of ferry ridership. <i>This is a portion of the previous project, 09CTP119</i>	Planned
09CTP 124	Vallejo	Upgrade/expand bus maintenance facilities	Transit – <b>Bus</b>	Improve efficiency and provide parking for new buses. <b>This is a Transit Facility of Regional Significance.</b>	<b><i>Under Construction</i></b>
09CTP 133	Vallejo	Bus replacement / upgrade to alternative fuel vehicles	Transit – <b>Bus</b>	This is a project of Regional Air Quality Significance.	Planned
09CTP 164	Vallejo	Mobility Management Software, Technology, Taxi ADA Vehicles	Transit – <b>Bus</b>	Expand taxi program, call center and interface with Social Services Agencies.	Planned
09CTP 123	Vallejo	Vallejo Ferry Terminal	Transit – <b>Rail or Ferry</b>	Acquire new ferries (5 <sup>th</sup> and 6 <sup>th</sup> vessels) in order to increase ridership capacity. Transition responsibility to WETA as soon as practical . <b>This is a Transit Facility of Regional Significance.</b>	Planned
09CTP 128	Vallejo	Mare Island Ferry maintenance facilities	Transit – <b>Rail or Ferry</b>	Construct Phases I, II and III of the Mare Island Ferry Maintenance Facility. <b>This is a Transit Facility of Regional Significance.</b>	Planned
09CTP 132	Vallejo	Connect to regional rail service	Transit – <b>Rail or Ferry</b>	Reactivate rail lines and establish passenger rail service connections to regional carriers.	Planned
09CTP 134	Vallejo	Napa Valley rail service to Ferry Terminal/Mare Island	Transit – <b>Rail or Ferry</b>	Reactivate the rail line from Vallejo to Napa County; acquire rolling stock, staff and funding. Initiate passenger service.	Planned
09CTP 135	Vallejo	Vallejo-Fairfield rail service connections	Transit – <b>Rail or Ferry</b>	Reactivate the rail line from Vallejo to the Capitol Corridor train station in Suisun City; acquire rolling stock, staff and funding. Initiate passenger service.	Planned
09CTP 145	Vallejo	Light rail service to Contra Costa County	Transit – <b>Rail or Ferry</b>	Light rail service to connect with BART	Planned

CTP ID	Agency	Location / Title	Element	Description	Project Status
09CTP 149	Vallejo	Fairgrounds Regional Transit Center and parking structure	Transit – <b>Rail or Ferry</b>	Construct 1000-space multi-level parking structure with transit connections.	Planned
09CTP 152	Vallejo	Citywide rail lines	Transit – <b>Rail or Ferry</b>	Acquisition and re-use of railroad right-of-way throughout Vallejo; re-activate rail service	Planned
09CTP 153	Vallejo	Mare Island	Transit – <b>Rail or Ferry</b>	Improvements to at-grade railroad crossings on Mare Island	Planned
09CTP 154	Vallejo	Mid-life repower of ferry vessels	Transit – <b>Rail or Ferry</b>	Replace engines on existing ferries. Transition responsibility to WETA as soon as practical.	Planned
09CTP 158	Vallejo	Mare Island	Transit – <b>Rail or Ferry</b>	Examine potential water taxi service to Benicia, Martinez and/or other near-by communities. Link water taxi and WETA ferry services. STA Water Transportation Plan must proceed project(s)	Planned
09CTP 230	STA	SNCI Rideshare and Vanpool Services	Transit - <b>Rideshare</b>	Sustain and expand the existing Solano Napa Commuter Information (SNCI) ride matching program and STA’s vanpool incentive program.	Existing Program
09CTP 069	STA	Construct additional park-and-ride facilities	Transit - <b>Rideshare</b>	Construct park-and-ride facilities identified in the <i>I-80/I-680/I-780 Corridor Study</i> ; review existing and proposed lot locations, and identify new locations to account for changes in development locations and commute patterns. This project was also submitted by the City of Suisun City.	Planned
09CTP 042	STA	SolanoExpress	Transit – <b>Bus</b>	Continue to operate and support the SolanoExpress intercity bus system, including providing marketing, schedule coordination and, where appropriate, expanded service. Seek funds to replace vehicles with clean fuel vehicles, and/or to replace vehicles at the appropriate phase of their useful life.	Existing Program

CTP ID	Agency	Location / Title	Element	Description	Project Status
09CTP 100	STA	Real-time bus tracking systems	Transit – <b>Bus</b>	Acquire and install Bus and Ferry Boat enhancements allowing real-time tracking of location of transit vehicles, and automated collection of vehicle performance and maintenance needs. Allows location reporting to dispatch centers, browsers and message boards. This project was also submitted by the City of Vacaville and the City of Vallejo.	Planned
09CTP 196	STA	Develop standard bus shelters	Transit – <b>Bus</b>	Develop a standard bus shelter for express bus stops that are not part of a larger station. Include standardized wayfinding signage. Assist local jurisdictions in upgrading bus shelters to the common standard. This project was also submitted by the City of Vacaville and the City of Vallejo.	Planned
09CTP 900	STA	Countywide Water Transportation Study	Transit – <b>Rail or Ferry</b>	Solano Water Transportation Study – conduct a countywide study of water-based transportation resources and demands, including existing and potential new ferry and water taxi services, use of the Port of Benicia and the Mare Island Naval Shipyard, and commercial traffic on the Sacramento river.	Planned
09CTP 197	STA	Countywide Climate Program	All	Solano Climate Change Program. Develop and implement a program to reduce emissions of Greenhouse Gasses and criteria pollutants from transportation sources in Solano County.	Planned Program
09CTP 225	Dixon	I-80 corridor Park-n-Ride lots	Transit - <b>Rideshare</b>	Construct new and ride lots adjacent to I-80 at the following locations: a) West A Street b) SR 113 c) Pedrick Road <b>These facilities are recommended for designation as Transit Facilities of Regional Significance.</b>	Planned

09CTP 228	Dixon	Transition to fixed route system	Transit – Bus	Develop a fixed-route transit system serving Dixon. <i>This is a local project recommended for exclusion from the CTP.</i>	Planned
09CTP 194	Fairfield	Expand local bus service	Transit – Bus	Provide additional local transit buses and increase the number of local routes. <i>This is a local project recommended for exclusion from the CTP.</i>	Planned Program
	Rio Vista	Transit Yard Rehabilitation	Transit – Bus	Rehabilitate existing transit yard on St. Francis Way. <i>This is a local project recommended for exclusion from the CTP.</i>	Planned
09CTP 102	Vacaville	Expand transit maintenance facility	Transit – Bus	Expand existing transit maintenance facility to include an additional maintenance bay, floor lift, exhaust capture and venting system, and storage area. <i>This is a local project recommended for exclusion from the CTP.</i>	Planned
09CTP 096	Vacaville	Expansion of local fixed route transit service	Transit – Bus	Add additional fixed-route bus lines to areas of the City of Vacaville not currently served by regular 30-minute City Coach bus service. <i>This is a local project recommended for exclusion from the CTP..</i>	Planned Program
09CTP 125	Vallejo	Vallejo SRTP operating revenues (preventive maintenance)	Transit – Bus	10-year look-ahead <i>This is a local project recommended for exclusion from the CTP.</i>	Planned Program
09CTP 126	Vallejo	Expand regional and local bus service	Transit – Bus	Including service to Fairgrounds to support County 360 project <i>This is a local project recommended for exclusion from the CTP.</i>	Planned Program
09CTP 131	Vallejo	Provide evening and weekend bus service	Transit – Bus	Provide greater flexibility for patrons <i>This is a local project recommended for exclusion from the CTP.</i>	Planned Program
09CTP 163	Vallejo	Vallejo SRTP transit capital program	Transit – Bus	<i>This is a local project recommended for exclusion from the CTP.</i>	Planned Program
09CTP 136	Vallejo	Mare Island Bus Service Phase 1 and 2		Initiate new routes on Mare Island <i>This is a local project recommended for exclusion from the CTP.</i>	

# Solano County Transit Facilities of Regional Significance (2008)

## Legend

### Roads

— Local Roads

### Transit and Park and Ride Facilities

- | (Existing Facilities) |                                      | (Future Facilities) |                                   |
|-----------------------|--------------------------------------|---------------------|-----------------------------------|
|                       | Regional Commuter Rail Lines         |                     | Future Intercity Bus Stop/Station |
|                       | Bus Stop/Station and Park & Ride Lot |                     | Future Ferry Facility             |
|                       | Bus Stop Only                        |                     | Future Rail Station               |
|                       | Intercity Bus Service Yard           |                     |                                   |
|                       | Park and Ride Lot                    |                     |                                   |
|                       | Ferry Facility                       |                     |                                   |
|                       | Rail Station                         |                     |                                   |

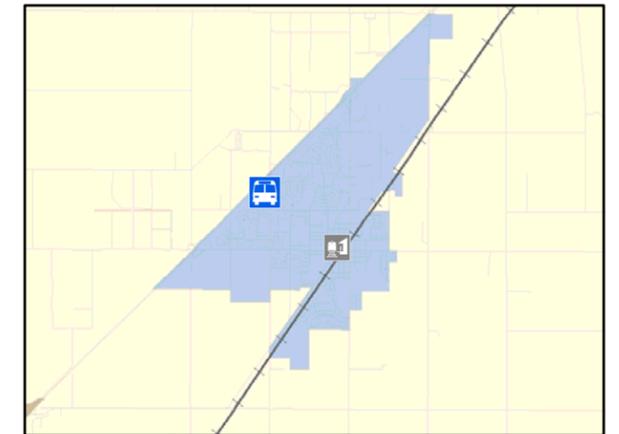
### Cities and Major Employment Centers

- |  |           |  |           |
|--|-----------|--|-----------|
|  | Benicia   |  | Suisun    |
|  | Dixon     |  | Vacaville |
|  | Fairfield |  | Vallejo   |
|  | Rio Vista |  |           |

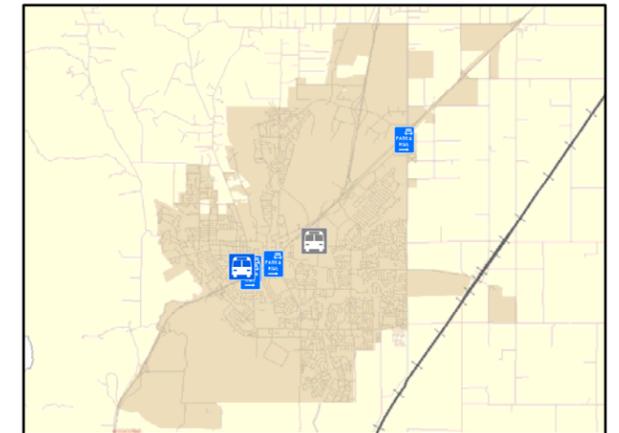
CITY OF VALLEJO



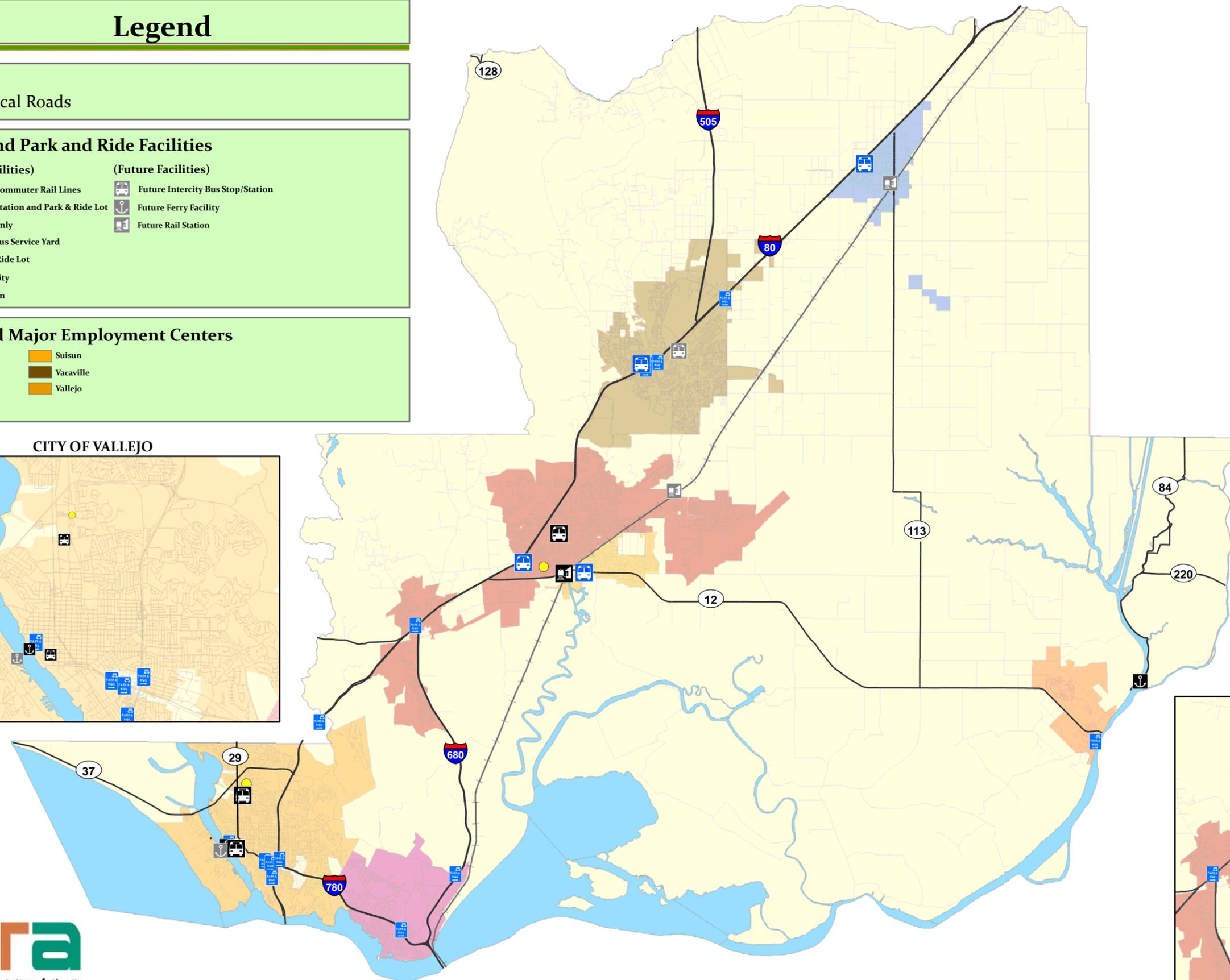
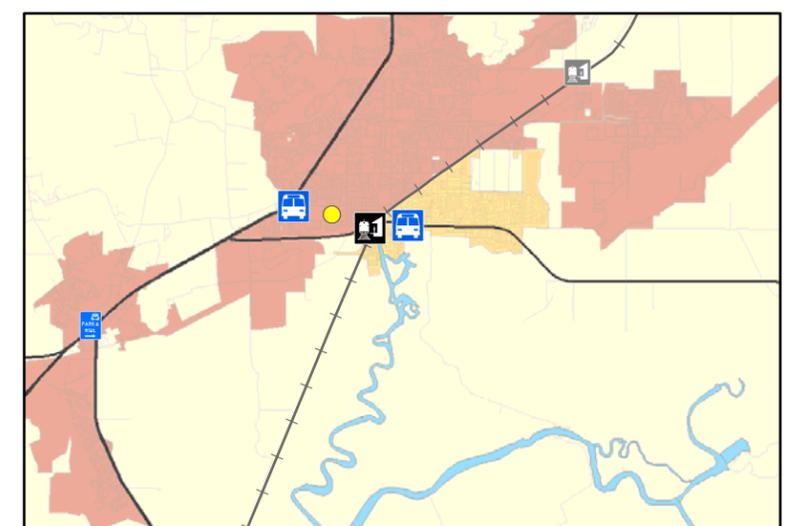
CITY OF DIXON



CITY OF VACAVILLE



CITIES OF FAIRFIELD AND SUISUN CITY



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DATE: December 22, 2009  
TO: STA Comprehensive Transportation Plan – Transit Committee  
FROM: Robert Macaulay, Director of Planning  
RE: Comprehensive Transportation Plan (CTP) Update – Draft Project List

**Background:**

The STA Board has initiated an update of the Solano Comprehensive Transportation Plan (CTP). The CTP is the STA’s primary long-range planning document. The CTP consists of three main elements: Alternative Modes; Arterials, Highways and Freeways; and, Transit.

Although much of the CTP consists of descriptions and policies, the ultimate purpose of the document is to identify and help implement programs and projects that “*provides mobility, safety and economic vitality*” for the county. The current CTP has a list of capital projects that the 7 cities and the County have identified that will help achieve this goal.

On June 10, 2009, the STA Board authorized a Call for Projects. The County and the seven cities were asked to submit projects to the STA no later than September 4<sup>th</sup>, 2009. Letters asking for project submittals were sent to the Public Works and Planning Directors of each jurisdiction, along with a list of projects currently in the CTP. After September 4<sup>th</sup>, STA staff met with the Planning and Public Works staff of each City and the County to review the project list and eliminate duplicate or purely local entries. On December 10, 2009, the STA Board approved a 2-month public comment period for the draft CTP list of projects, including a review by each of the CTP subcommittees.

**Discussion:**

The Draft CTP Project List contains 71 Transit Element projects or programs. There are additional projects in the Alternative Modes and Arterials, Highways and Freeways elements that relate to, but are not primarily part of, the Transit element. Transit Element projects are subdivided by Rideshare (including park-and-ride lots and ride matching programs), Bus, Rail or Ferry, and Paratransit.

The status of projects or programs is also provided. For capital projects, there are four status categories described below. In addition, listed projects are already under construction.

1. Permitted and Ready to Construct – all permits and funding secured;
2. Designed – greater than 35% Plans, Specifications and Estimates (PS&E) and an approved environmental document;
3. Preliminary Design – greater than 10% but less than 35% PS&E;
4. Planned – less than 10% PS&E

Of the Transit capital projects, 8 of the projects are Rideshare facilities, 33 are Bus projects, 22 are Rail or Ferry projects and 6 are Paratransit projects. There are 3 projects

that are Permitted and Ready to Construct, 1 that is Designed, 6 that are Preliminary Designed and 34 that are Planned.

For Programs and studies, the categories are:

1. Existing Program – Funded, staffed and operating (Program) of being conducted (study)
2. Planned Program – Operational program that is not funded or in operation.
3. Study – A study that is not yet funded.

Of the Transit programs, only 1 relates to Rideshare, while 13 are focused on Bus services, 1 is oriented to Rail or Ferry transit and 3 are related to Paratransit services. There are 6 Existing Programs on the list, 12 Planned Programs and 2 Studies.

As noted in the State of the System – Transit report, the largest number of people moved by the transit system are in the Rideshare and Bus categories, with Rideshare having the largest portion of transit users. As also noted in the State of the System – Transit report, Rideshare is largely supported by private vehicle and operating expenses, supported on the capital project side by park-and-ride lots and on the programmatic side by operation of the Solano-Napa Commuter Information (SNCI) ride matching and vanpool programs. Bus transit involves a larger public investment in facilities and vehicles; and, because of the expense of creating and maintaining a public transit system, there is strong support for maximizing the efficiency of the system through route coordination.

The Transit Element project list reflects the primacy of Rideshare and Bus transit services through the number of projects for each. The desire to make the system more efficient, reliable and desirable is reflected in the number of proposals for service coordination, vehicle tracking and bus shelter improvements.

In an effort to both improve system coordination and reduce costs, STA is proposing to support the transit providers' efforts to provide a common bus tracking system, using GPS units and real-time transmitter/receiver units and display software. This will not only improve potential interoperability and coordination of normal transit services, it will also assist in tracking vehicles involved in an emergency response situation such as evacuating people from a flooded community. STA is also proposing to work with the transit providers to see if development of a common bus shelter and signage system can improve customer usability and reduce the cost of acquisition and maintenance of shelters.

While the Rideshare and Bus systems have a variety of anticipated project costs, the Rail or Ferry projects are almost all large, expensive projects. These include new rail stations in Dixon and potentially Benicia, improvements to the Vallejo ferry system (and potential ferry or water taxi facilities in Benicia and Rio Vista), and reconnection and activation of the rail lines through Vallejo.

The readiness of transit projects appears to fall into two broad categories. There are 3 projects ready to construct and 1 that is designed, while 34 are planned. This means that, after the near-term completion of several key transit facilities, there will be a substantial lag before a number of new transit facilities are ready to construct.

**Fiscal Impact:**

None. However, only projects listed in the CTP will be eligible for STA-administered funding. Development of a cost estimate and funding strategy will be in a subsequent phase of the CTP update.

**Recommendation:**

Forward a recommendation to the STA Board to adopt the Draft CTP Project List of Transit projects specified in Attachment A.

Attachments:

- A. Draft CTP Project List – Transit Element

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Project Status key:

Permitted and Ready to Construct – all permits and funding secured

Designed – greater than 35% PS&E and an approved environmental document

Preliminary Design – greater than 10% but less than 35% PS&E

Planned – less than 10% PS&E

Agenda Item V. B

January 25, 2010

ATTACHMENT A

**DRAFT CTP TRANSIT PROJECT LIST 2009**

(Last Updated: January 14, 2010)

CTP ID	Agency	Location / Title	Element	Description	Project Status
09CTP 013	Benicia	New Transfer/Park-n-Ride Facilities	Transit - <b>Rideshare</b>	Construct new facilities at a) First St./Downtown (Rte. 78), (Design) b) Military at Southampton Rd. (Rte. 78), (Design) and c) intersection of Park Rd./Industrial Way (Rte. 40) (Planned). <b>This is a Facility of Regional Significance.</b> May include local and express bus and park-and-ride. These are RM-2 funded facilities.	Planned
09CTP 021	Benicia	Improve or replace bus shelters	Transit – <b>Bus</b>	Upgrade or replace 12 bus shelters. Project is funded with ARRA funds.	<b>Permitted and Ready to Construct</b>
09CTP 028	Benicia	Construct Benicia Multi-Modal Rail Station	Transit – <b>Bus</b>	Construct new Capitol Corridor train station at Lake Herman Road. <b>This is a Facility of Regional Significance.</b>	Planned
09CTP 238	Benicia	Construct Benicia Intermodal Transportation Station	Transit – <b>Bus</b>	Construct new multi-modal transportation center in I-680/Lake Herman Road area. May include local and express bus bays and park-and-ride facilities. May provide short-range shuttle to future Capitol Corridor train station. <b>This is a Facility of Regional Significance.</b> This project was also submitted by the County of Solano.	Planned
09CTP 020	Benicia	Provide more joint bus operations	Transit – <b>Bus</b>	Provide more intercity bus service. Possible consolidation with Vallejo into South County Transit Authority	Planned Program

CTP ID	Agency	Location / Title	Element	Description	Project Status
09CTP 120	Benicia	First Street and Waterfront	Transit – <b>Rail or Ferry</b>	Construct ferry terminal and support facilities at end of First Street to provide direct ferry service to San Francisco Ferry Terminal. <u>See Project 09CTP 100 (STA)</u> STA Water Transportation Plan must proceed project(s)	Planned
09CTP 225	Dixon	I-80 corridor Park-n-Ride lots	Transit - <b>Rideshare</b>	Construct new and ride lots adjacent to I-80 at the following locations: a) West A Street b) SR 113 c) Pedrick Road <b>These are Transit Facilities of Regional Significance.</b>	Planned
09CTP 227	Dixon	SolanoExpress	Transit – <b>Bus</b>	Modify Route 30 to support direct transit connections to Davis, and to improve connectivity to west-bound buses that serve the Bay Area.	Planned
09CTP 226	Dixon	Downtown Dixon Multi-Modal Rail Station/ Transportation Center	Transit – <b>Rail or Ferry</b>	Construct a Capitol Corridor passenger train station in downtown Dixon. A ticket station/ passenger depot and parking lot have been constructed. <b>This is a Facility of Regional Significance.</b> This project was also submitted by the County of Solano.	Preliminary Design
09CTP 188	Fairfield	I-80/Red Top Park-and-Ride lot	Transit - <b>Rideshare</b>	Construct a 500 space park-and-ride lot on Red Top Road at I-80. A 200 space first phase is in Design. Construction of first phase is planned for the end of 2010. <b>This is a Facility of Regional Significance.</b>	Preliminary Design
09CTP 190	Fairfield	I-680 Gold Hill Park-and-ride lot	Transit - <b>Rideshare</b>	Construct 200 space park and ride lot Gold Hill Road at I-680.	Planned
09CTP 195	Fairfield	ADA Access at bus facilities	Transit – <b>Bus</b>	Bring existing facilities into compliance with federal ADA and CCR Title 24. Improvements being completed in phases as funding permits	<b><i>Permitted and Ready to Construct</i></b>

CTP ID	Agency	Location / Title	Element	Description	Project Status
09CTP 193	Fairfield	Expand Fairfield Transportation Center	Transit – <b>Bus</b>	Construct expansion of existing parking garage at Beck and Cadenesso drives, with a net addition of 1,000 parking spaces. The site currently serves as a regional park-and-ride lot and bus station for express and local services. First phase of expansion to expand from 640 to approximately 1,000 spaces is environmentally cleared. <b>This is a Facility of Regional Significance.</b>	Planned
09CTP 185	Fairfield	Peabody and Vanden Roads - Fairfield/Vacaville Multi-modal Rail Station	Transit – <b>Rail or Ferry</b>	Construct a local/regional bus, park-and-ride lot and Capitol Corridor train station at the intersection of Vanden and Peabody roads. Develop high-density mixed use development immediately adjacent to the station. Project in Design and targeted for completion by 2014. <b>This is a Transit Facility of Regional Significance.</b>	Preliminary Design
09CTP 199	Rio Vista	SR 12/Church Street and Amerada Intersections	Arterials, Highways and Freeways - <b>Arterial</b>	Improve the intersection of SR 12 and Church Street, with the option of including a 40-space park-and-ride lot at the southeast corner. A PSR is being prepared for the project. <b>This is a Route of Regional Significance.</b>	Preliminary Design
09CTP 162	Rio Vista	Intra-city shuttle bus	Transit – <b>Bus</b>	Provide regular bus service to regional transit providers (BART, Capitol Corridor, San Joaquin transit).	Planned
09CTP 201	Rio Vista	Sacramento River Waterfront	Transit – <b>Rail or Ferry</b>	Construct a facility to support passenger ferry service to either Sacramento or the San Francisco Ferry Building. <u>See Project 09CTP 100 (STA)</u> STA Water Transportation Plan must proceed project(s)	Planned
09CTP 202	Rio Vista	Provide intermodal transit centers	Transit – <b>Rail or Ferry</b>	Develop a multi-modal transit center and provide regular bus service to regional transit providers (BART, Capitol Corridor, San Joaquin transit). Location options are Main and Front streets (downtown) or SR 12 and Church Street.	Planned
09CTP 052	Solano County	Support Solano County paying its fair share for transit services provided to unincorporated residents by others	Transit – <b>Bus</b>	Ensure Solano County pays its fair share of transit costs, but not more, for transit services provided to the unincorporated area.	Existing Program

CTP ID	Agency	Location / Title	Element	Description	Project Status
09CTP 044	Solano County	Enhance the connections between public transit in Solano County and public transit in adjacent counties	Transit – <b>Bus</b>	Improve County-to-County public transit connections to better serve the County’s growing commute population.	Planned Program
09CTP 045	Solano County	Expand regional express bus service in conjunction with HOV lane improvements	Transit – <b>Bus</b>	Address regional commute needs as the County’s population grows by expanding public transit capabilities.	Planned Program
09CTP 046	Solano County	Integrate transit services, including express buses, with multi-modal rail stations	Transit – <b>Bus</b>	Ensure that transit operations are planned to provide efficient service to multi-modal rail stations.	Planned Program
09CTP 048	Solano County	Support more joint bus operations	Transit – <b>Bus</b>	Support more effective coordination of existing bus operations to better provide for the transportation needs of riders.	Planned Program
09CTP 051	Solano County	Support the provision of wireless internet connections on public transit	Transit – <b>Bus</b>	Provide wireless internet service on public transit to better serve the needs of riders.	Planned Program
09CTP 900	Solano County	Countywide	Transit – <b>Bus</b>	Implement study recommendations to consolidate intercity transit services for local and express bus services to provide more effective public transit performance. A Solano Transit Consolidation Study has been undertaken. Benicia and Vallejo are discussing potential consolidation	Study
09CTP 047	Solano County	Support light rail commuter service	Transit – <b>Rail or Ferry</b>	Support options for potential light rail service in Solano County.	Planned Program
09CTP 050	Solano County	Support Solano County’s paratransit operations	Transit – <b>Paratransit</b>	Provide paratransit transportation to ADA qualified riders. Solano County paratransit service is ongoing	Existing Program

CTP ID	Agency	Location / Title	Element	Description	Project Status
09CTP 900	Solano County	Consolidate paratransit operations	Transit – <b>Paratransit</b>	Study consolidation of paratransit operations among the cities and County to provide more effective service to riders.	Study
09CTP 068	Suisun City	Park-and-ride lot Landscape Project	Transit - <b>Rideshare</b>	Periodic replacement of landscaping at existing Suisun City Park-and-ride lot. <b>This is a Transit Facility of Regional Significance.</b>	Planned
09CTP 062	Suisun City	Improve and provide additional bus shelters	Transit – <b>Bus</b>	Install solar bus shelters to bus stops as needed. Managed by FAST.	Planned
09CTP 064	Suisun City	Provide direct bus connections to rail station	Transit – <b>Bus</b>	Provide additional direct bus connections to rail station as warranted. Managed by FAST.	Planned Program
09CTP 071	Suisun City	Union Pacific Railroad Sound Walls	Transit – <b>Rail or Ferry</b>	Construct sound walls along railroad tracks between tracks and future developments as needed.	Planned
09CTP 099	Vacaville	Electronic farebox and automated fare dispensing machines	Transit – <b>Bus</b>	Install electronic fare dispensing and collecting systems throughout the City Coach transportation system. To include fare card readers on buses and automated purchasing kiosks to purchase and or reload magnetic strip fare cards.	Existing Program
09CTP 104	Vacaville	Interagency coordination of regional bus services	Transit – <b>Bus</b>	Enhance regional coordination of bus service and connections with partner transit agencies of Solano County.	Existing Program
09CTP 097	Vacaville	Phase 1 Vacaville Transportation Center	Transit – <b>Bus</b>	Phase 1 to include a 10 bus bay carousel, commuter parking for 200 cars and commuter vans, a large clock tower, five large passenger bus shelters, public restroom, bike lockers, low maintenance landscaping, solar photovoltaic systems and LED lighting throughout. Project is fully funded. <b>This is a Transit Facility of Regional Significance.</b>	<b><u>Under Construction</u></b>
09CTP 097	Vacaville	Phase 2 Vacaville Transportation Center	Transit – <b>Bus</b>	Phase 2 to include the construction of a three story, 400 car parking garage structure directly adjacent to bus transfer facility. <b>This is a Transit Facility of Regional Significance.</b>	Preliminary Design

CTP ID	Agency	Location / Title	Element	Description	Project Status
09CTP 105	Vacaville	Real-time bus tracking systems	Transit – <b>Bus</b>	Install real-time, GPS arrival systems on buses with kiosk display stations located at transit transfer stations throughout Solano County.	Planned Program
09CTP 106	Vacaville	Accessible taxi vehicles (capital)	Transit – <b>Paratransit</b>	Procure accessible mini-van type vehicles equipped with rear wheelchair loading ramps to be used by local taxi companies in support of senior and disabled transportation programs within Solano County.	Planned
09CTP 107	Vacaville	Accessible Taxi Program (operations)	Transit – <b>Paratransit</b>	Provide a taxi style transportation alternative to seniors and disabled persons within Solano County.	Planned Program
09CTP 156	Vallejo	I-780/Lemon St./Curtola Pkwy. transit center	Transit - <b>Rideshare</b>	Construct a parking garage at the Lemon St. park-and-ride lot, with associated local and express bus facilities. Ultimately, construct a parking garage at the site. This is a phased project. <b>This is a Transit Facility of Regional Significance.</b>	Planned
09CTP 119	Vallejo	Vallejo Station Intermodal Terminal (Phases A and B)	Transit – <b>Bus</b>	Project consists of four parts: the bus transit facility, phases A and B of the ferry terminal parking structure, and the City Hall parking structure. Bus transit center is under construction; ferry parking structure A is designed; B is prelim design; City Hall parking is planned. <b>This is a Transit Facility of Regional Significance.</b>	<b><i>Permitted and Ready to Construct</i></b>
	Vallejo	Vallejo Station bus transit center	Transit – <b>Bus</b>	Covered bus bays, transit operations center offices, pedestrian enhancements <i>This is a portion of Project 09CTP119</i>	<b><i>Under Construction</i></b>
	Vallejo	Vallejo Station ferry terminal parking structure (Phase A)	Transit – <b>Rail or Ferry</b>	Construct a 600-space parking garage on Mare Island Way, to serve the Vallejo Ferry Terminal and adjoining high-density mixed use downtown redevelopment to consolidate present surface parking. <i>This is a portion of the previous project, 09CTP119</i>	Designed

CTP ID	Agency	Location / Title	Element	Description	Project Status
	Vallejo	Vallejo Station ferry terminal parking structure (Phase B)	Transit – <b>Rail or Ferry</b>	Construct a 600-space parking garage on Mare Island Way, to serve the Vallejo Ferry Terminal and adjoining high-density mixed use downtown redevelopment to consolidate present surface parking. <i>This is a portion of the previous project, 09CTP119</i>	Preliminary Design
	Vallejo	Vallejo Station City Hall parking structure	Transit – <b>Rail or Ferry</b>	Construct a 1000-space parking garage to increase capacity for expansion of ferry ridership. <i>This is a portion of the previous project, 09CTP119</i>	Planned
09CTP 133	Vallejo	Bus replacement / upgrade to alternative fuel vehicles	Transit – <b>Bus</b>	Replacement/Upgrade only applies to buses operating on intercity routes.	Planned
09CTP 164	Vallejo	Mobility Management Software, Technology, Taxi ADA Vehicles	Transit – <b>Bus</b>	Expand taxi program, call center and interface with Social Services Agencies.	Planned
09CTP 124	Vallejo	Upgrade/expand bus maintenance facilities	Transit – <b>Bus</b>	Improve efficiency and provide parking for new buses. <b>This is a Transit Facility of Regional Significance.</b>	<b><u>Under Construction</u></b>
09CTP 123	Vallejo	Vallejo Ferry Terminal	Transit – <b>Rail or Ferry</b>	Acquire new ferries (5 <sup>th</sup> and 6 <sup>th</sup> vessels) in order to increase ridership capacity. Transition responsibility to WETA as soon as practical. <b>This is a Transit Facility of Regional Significance.</b>	Planned
09CTP 128	Vallejo	Mare Island Ferry maintenance facilities	Transit – <b>Rail or Ferry</b>	Construct Phases I, II and III of the Mare Island Ferry Maintenance Facility. <b>This is a Transit Facility of Regional Significance.</b>	Planned
09CTP 132	Vallejo	Connect to regional rail service	Transit – <b>Rail or Ferry</b>	Reactivate rail lines and establish passenger rail service connections to regional carriers.	Planned
09CTP 134	Vallejo	Napa Valley rail service to Ferry Terminal/Mare Island	Transit – <b>Rail or Ferry</b>	Reactivate the rail line from Vallejo to Napa County; acquire rolling stock, staff and funding. Initiate passenger service.	Planned
09CTP 135	Vallejo	Vallejo-Fairfield rail service connections	Transit – <b>Rail or Ferry</b>	Reactivate the rail line from Vallejo to the Capitol Corridor train station in Suisun City; acquire rolling stock, staff and funding. Initiate passenger service.	Planned

CTP ID	Agency	Location / Title	Element	Description	Project Status
09CTP 145	Vallejo	Light rail service to Contra Costa County	Transit – <b>Rail or Ferry</b>	Light rail service to connect with BART	Planned
09CTP 149	Vallejo	Fairgrounds Regional Transit Center and parking structure	Transit – <b>Rail or Ferry</b>	Construct 1000-space multi-level parking structure with transit connections.	Planned
09CTP 152	Vallejo	Citywide rail lines	Transit – <b>Rail or Ferry</b>	Acquisition and re-use of railroad right-of-way throughout Vallejo; re-activate rail service	Planned
09CTP 153	Vallejo	Mare Island	Transit – <b>Rail or Ferry</b>	Improvements to at-grade railroad crossings on Mare Island	Planned
09CTP 154	Vallejo	Mid-life repower of ferry vessels	Transit – <b>Rail or Ferry</b>	Replace engines on existing ferries. Transition responsibility to WETA as soon as practical.	Planned
09CTP 158	Vallejo	Mare Island	Transit – <b>Rail or Ferry</b>	Examine potential water taxi service to Benicia, Martinez and/or other near-by communities. Link water taxi and WETA ferry services. STA Water Transportation Plan must proceed project(s)	Planned
09CTP 127	Vallejo	Expand paratransit	Transit – <b>Paratransit</b>	Expand paratransit program over different modalities	Planned Program
09CTP 230	STA	SNCI Rideshare and Vanpool Services	Transit - <b>Rideshare</b>	Sustain and expand the existing Solano Napa Commuter Information (SNCI) rideshare program of services and outreach.	Existing Program
09CTP 069	STA	Construct additional park-and-ride facilities	Transit - <b>Rideshare</b>	Construct park-and-ride facilities identified in the <i>I-80/I-680/I-780 Corridor Study</i> ; review existing and proposed lot locations, and identify new locations to account for changes in development locations and commute patterns. This project was also submitted by the City of Suisun City.	Planned

CTP ID	Agency	Location / Title	Element	Description	Project Status
09CTP 042	STA	SolanoExpress	Transit – <b>Bus</b>	Continue to operate and support the SolanoExpress intercity bus system, including providing marketing, schedule coordination and, where appropriate, expanded service. Seek funds to replace vehicles with clean fuel vehicles, and/or to replace vehicles at the appropriate phase of their useful life.	Existing Program
09CTP 100	STA	Real-time bus tracking systems	Transit – <b>Bus</b>	Acquire and install Bus and Ferry Boat enhancements allowing real-time tracking of location of transit vehicles, and automated collection of vehicle performance and maintenance needs. Allows location reporting to dispatch centers, browsers and message boards. This project was also submitted by the City of Vacaville and the City of Vallejo.	Planned
09CTP 196	STA	Develop standard bus shelters	Transit – <b>Bus</b>	Develop a standard bus shelter for express bus stops that are not part of a larger station. Include standardized wayfinding signage. Assist local jurisdictions in upgrading bus shelters to the common standard. This project was also submitted by the City of Vacaville and the City of Vallejo.	Planned
09CTP 017	STA	SR 12 Transit Corridor Study	Transit – <b>Bus</b>	Implement the 2006 State Route 12 Transit Corridor study.	Planned
09CTP 018	STA	I-80/I-680/I-780 Transit Corridor Study	Transit – <b>Bus</b>	Update and implement the 2004 I-80/I-680/I-780 Transit Corridor study.	Planned
09CTP 019	STA	Community Based Transit Studies	Transit – <b>Bus</b>	Implement Dixon, Fairfield/Suisun City, and Vallejo Community Based Transportation Studies as well as conduct and implement Vacaville and East Fairfield CBTP.	Planned
09CTP 900	STA	Countywide Water Transportation Study	Transit – <b>Rail or Ferry</b>	Solano Water Transportation Study – conduct a countywide study of water-based transportation resources and demands, including existing and potential new ferry and water taxi services, use of the Port of Benicia and the Mare Island Naval Shipyard, and commercial traffic on the Sacramento river.	Planned

<b>CTP ID</b>	<b>Agency</b>	<b>Location / Title</b>	<b>Element</b>	<b>Description</b>	<b>Project Status</b>
09CTP 900	STA	Senior and Disabled Transit Study	Transit – <b>Paratransit</b>	Update the 2004 Solano Senior and Disabled Transit Study.	Planned
09CTP 197	STA	Countywide Climate Program	All	Solano Climate Change Program. Develop and implement a program to reduce emissions of Greenhouse Gasses and criteria pollutants from transportation sources in Solano County.	Planned Program



DATE: January 20, 2010  
TO: STA Comprehensive Transportation Plan – Transit Committee  
FROM: Robert Macaulay, Director of Planning  
Elizabeth Richards, Director of Transit and Rideshare Services  
RE: Amendment to State of the System – Transit Element, Paratransit Services

**Background:**

The STA Board has initiated an update of the Solano Comprehensive Transportation Plan (CTP). The CTP is the STA’s primary long-range planning document. The CTP consists of three main elements: Alternative Modes; Arterials, Highways and Freeways; and, Transit).

The STA Board adopted the State of the System – Transit report in December 2008. The State of the System report provides a snapshot of how the components of the transit system work at the current time. Since the report’s adoption in 2008, there have been substantial changes to the delivery of paratransit services.

**Discussion:**

At the time of the adoption of the State of the System – Transit report, Solano Paratransit provided paratransit services in central/northern Solano County and the surrounding unincorporated area. Solano Paratransit was an ADA-Plus (exceeded the service area required by ADA) intercity paratransit service. As of July 1, 2009, the intercity paratransit service provided by Solano Paratransit was dissolved. Solano Paratransit’s intercity seamless travel was replaced with each transit agency establishing transfer locations to transfer the ADA passenger from one paratransit system to the next paratransit system.

Attachment A provides a description of the capital assets and operation of this decentralized intercity paratransit system. It is recommended that the State of the System – Transit report be amended to incorporate this new information.

**Fiscal Impact:**

None.

**Recommendation:**

Forward a recommendation to the STA Board to adopt the amended Paratransit section of the State of the System – Transit report specified in Attachment A.

Attachments:

- A. Amendment to State of The System – Transit Element, Paratransit Services Report

**Attachment A**  
**State of the System – Transit Element**  
**Modified Paratransit Description**

**Capital Assets**

Paratransit. Paratransit services provide transportation for qualifying person with disabilities who are unable to access the regular fixed- route public transit system. The requirement to provide paratransit services comes from the Americans with Disabilities Act (ADA). The cities in Solano County that provide fixed route service also provided paratransit as part of their local transit service.

As of July 1, 2009, at the request of the City of Fairfield, the intercity paratransit service provided by Solano Paratransit was dissolved. Solano Paratransit was an ADA-Plus (exceeded the service area required by ADA) intercity paratransit service in central/northern Solano County and the surrounding unincorporated area. Solano Paratransit's intercity seamless travel was replaced with each transit agency establishing transfer locations to transfer the ADA passenger from one paratransit system to the next paratransit system.

Beginning in July 2009, two local jurisdictions began delivering intercity services for the first time and transfer locations were established by existing intercity paratransit operators FAST and Vallejo RunAbout. The City of Dixon began operating ADA paratransit service between Dixon and Vacaville as well as to Davis. FAST's DART service connects Fairfield and Vacaville as it is the required complementary ADA service for FAST's Rt. 20 intercity fixed-route service between these two cities. For ADA paratransit travel between Fairfield and Vallejo, transfers occur at Solano Community College's main campus in Fairfield at which point Vallejo's RunAbout paratransit picks up passengers for travel to/from Vallejo. The County of Solano began contracting for paratransit service for residents of the unincorporated area through a private provider.

There are 25 paratransit vehicles operated in total by all the transit operators. Eight are operated by Fairfield DART, 12 are operated by Vallejo RunAbout, and five are operated by Vacaville Special Services. Six additional vehicles in total are needed by the Cities of Dixon and Vallejo to provide the new additional ADA-plus service.

Until July 2009, Dixon Read-Ride was a general public dial-a-ride system within Dixon city limits. In July 2009 Read-Ride expanded their service to connect Dixon to Vacaville and Davis. Dixon Read-Ride's new service is beyond what is required by ADA. Dixon Read-Ride operates six days a week. Service is provided door to door, and registration is requested for intercity travel to be at least 24 hours in advance. Dixon Read-Ride has currently dedicated one paratransit bus for this service and is planning to purchase three additional buses.

FAST's local DART paratransit service provides complementary paratransit service to the residents in their fixed route system service area. Fairfield's ADA residents living beyond the ADA-mandated  $\frac{3}{4}$  of a mile of FAST's fixed service are not served. DART transfers its ADA riders to Vallejo through a transfer point at Solano Community College (SCC)/Fairfield campus.

DART connects Fairfield and Vacaville with service transferring between the two systems at Ulatis Cultural Center in Vacaville. DART service is still required to service the ADA riders within ¾ of a mile of Route 20 which covers about 50% of the Vacaville. Fairfield DART operates six days a week to match their fixed-route service. Service is provided origin to destination, and registration can be taken up to seven days in advance. Fairfield DART operates eight paratransit vehicles.

Vacaville's Special Services delivers ADA paratransit service within Vacaville city limits. Vacaville does not provide any intercity paratransit service. For ADA paratransit trips beyond Vacaville, Special Services will take riders to/from the Ulatis Cultural Center to connect to Dixon and Fairfield intercity paratransit services. Vacaville City Coach operates six days a week to match their fixed route service. Service is provided door to door. Reservations are taken up to 2 weeks in advance. Vacaville Special Services operates five paratransit vehicles.

Vallejo RunAbout did not participate in Solano Paratransit but has been, and continues to, provide intercity paratransit service to Fairfield as well as points west across the Carquinez/Zampa Bridge. With the dissolution of Solano Paratransit, Vallejo RunAbout now transfers passengers to FAST's DART at the Solano Community College/Fairfield campus transfer location rather than bringing passengers to/from points in the Fairfield/Suisun City area. RunAbout operates seven days a week to match their fixed-route service and is a strictly ADA service. Service is provided origin to destination, and registration can be taken up to seven days in advance.

Vallejo Transit is planning to implement "ADA-plus" service to improve service to ADA passengers. Under the current service structure, ADA passengers traveling from Benicia to/from Vallejo and the unincorporated area of Fairfield serving Solano Community College must transfer between systems. The new "ADA-plus" system will benefit passengers traveling to college, medical appointments, and shopping by providing intercity paratransit travel without a transfer. In order to expand to this ADA-plus service, Vallejo Transit needs three additional vehicles.

Since the early 1990s, the County of Solano had not been an operator of transit or paratransit service. With the discontinuation of Solano Paratransit, the County of Solano contracted with a private operator to deliver wheelchair accessible service for ADA certified passengers residing in the unincorporated areas. The few unincorporated residents needing this service appear to be located primarily in the Vacaville area and travel primarily to Vacaville.

## **Operations**

Paratransit. Provision of paratransit services offers unique challenges because of the legal requirements to provide service, the small base of riders, and the obstacles and challenges faced by system users.

Paratransit passenger fares contribute to the funding of the operating costs of the system. However, because the operating cost is higher per hour for this specialized service, the farebox

recovery rate is generally much lower for paratransit than for other transit services. A farebox recovery rate of 10% is the statutory goal of paratransit services.

Replacement of paratransit vehicles, and funding for new vehicles to expand the fleet, typically comes from Federal Section 5307, 5311, Prop 1B, Regional Paratransit State Transit Assistance funds and Transit Development Act (TDA) funds.



DATE: January 4, 2010  
TO: STA Comprehensive Transportation Plan – Transit Committee  
FROM: Robert Macaulay, Director of Planning  
RE: Comprehensive Transportation Plan (CTP) Update – Transit Element Goal Gap Analysis

**Background:**

The STA Board has initiated an update of the Solano Comprehensive Transportation Plan (CTP). The CTP is the STA’s primary long-range planning document. The CTP consists of three main elements: Alternative Modes; Arterials, Highways and Freeways; and, Transit).

The first task completed by the CTP – Transit committee was the adoption of a Transit Element Purpose Statement and Goals document in July of 2008. In December of 2008, the STA Board adopted the first-ever State of the System – Transit report, describing the components and existing conditions of the intercity transit system.

**Discussion:**

In order to help focus the efforts of STA staff and financial resources during the period of the CTP, it is important to know which goals are being met, as well as which goals are not being met. The former is as important as the later, as it would be counterproductive to focus on attaining new success while failing to maintain the current system.

In order to perform this ‘gap analysis,’ STA staff has reviewed each of the 15 Goals (26, when separate sub-goals are counted) adopted for the Transit Element, and prepared an analysis of whether the Goal is:

- **Completed** – this is a goal with a specific end-point that has been reached, such as the construction of a facility or the identification of Transit Facilities of regional Significance. This also includes the initiation of an on-going program.
- **Significant Progress** – this is a project with substantial completion; typically, more than 10% Plans, Specifications and Estimates (PS&E) but not yet into construction or completion. It also includes studies where data collection and analysis has started, but final recommendations have not been adopted.
- **Preliminary Proposal** – finally, this category covers projects that have less than 10% PS&E, plans that have not started data collection, and programs that have no administrative and/or financial commitments and no start date.

The gap analysis is included as Attachment A.

The Transit Element contains 25 goals or sub-goals. Of these, the gap analysis identifies 9 as having been Completed. It should be noted that some of the Completed goals involve the establishment of a program (the task that has been completed), even though the program requires an on-going commitment of resources. The gap analysis identifies a further 7 goals that have achieved Significant Progress, and 9 that are Preliminary Proposals.

The State of the System – Transit report identifies carpool and vanpool riders as the largest portion of the transit mode split, and the gap analysis concludes that provision of rideshare services through SNCI (Goal 6.a) is a goal that is being met at this time. The most quantifiable goals – increasing the modal share of transit (Goal 10) and constructing additional park-and-ride lots (Goals 6.b and 6.c) – are all directly related to maintaining and increasing rideshare and public transit participation.

The Goal Gap Analysis indicates that the emphasis on rideshare has paid significant dividends, as reflected in the large proportion of carpool and vanpool users, the existing inventory of park-and-ride lots, and the expected increase in the inventory of park-and-ride lots. Of the 4 goals related to supporting rideshare activities, 2 are Completed, 1 has made Significant Progress, and only 1 is a Preliminary Proposal. A similar high rate of progress is seen for goals related to linking Solano-based transit to regional transit and employment centers. It should be noted that several of these goals require on-going funding for programs in order to maintain successes achieved so far.

Some progress has been made in both the coordination of services and the linkage of land use to transit centers. The provision of resources to help transit fleets acquire low-emission vehicles, contained in Goal 9, has seen some success, but currently lacks an over-arching plan.

One of the greatest gaps, identified in the State of the System report as well as Goal 13, is the creation of an adequate funding stream for operation and maintenance of transit vehicles. Even when standards of maintenance and replacement are adopted, a method to fund this work will need to be created. This appears to be the most significant gap identified in the analysis.

**Fiscal Impact:**

None. However, the gap analysis will help direct STA staff when preparing draft implementation policies and the subsequent development of funding strategies and recommendations.

**Recommendation:**

Forward a recommendation to the STA Board to approve the CTP Update – Transit Element Goal Gap Analysis specified in Attachment A.

Attachments:

- A. CTP Update – Transit Element Goal Gap Analysis

# Transit Element

## Purpose Statement and Goals

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### COMPREHENSIVE TRANSPORTATION PLAN

**PURPOSE STATEMENT:** The Solano Comprehensive Transportation Plan will help fulfill the STA’s mission by identifying a long-term and sustainable transportation system to provide mobility, reduce congestion, and ensure travel safety and economic vitality to Solano County.

#### Transit element

**Purpose Statement:** Identify mass transit and rideshare facilities, services and policies that maximize the ability of Solano residents, workers and visitors to reach destinations within Solano County, and to access regional transportation systems.

**Measuring Goals.** The following criteria are used to measure the progress on meeting the goals of the Transit Element:

- **Completed** – this is a goal with a specific end-point that has been reached, such as the construction of a facility or the identification of Transit Facilities of regional Significance. This also includes studies that have been adopted (even if recommendations have not yet been implemented) and the initiation of an on-going program.
- **Significant Progress** – this is a project with substantial completion; typically, more than 10% Plans, Specifications and Estimates (PS&E) but not yet into construction or completion. It also includes studies where data collection and analysis has started, but final recommendations have not been adopted.
- **Preliminary Proposal** – finally, this category covers projects that have less than 10% PS&E, plans that have not started data collection, and programs that have no administrative and/or financial commitments and no start date.

**Goals.** Goals are the milestones by which achievement of the Purpose Statement are measured. In order to implement the Purpose of the Solano CTP and the Transit Element of the Solano CTP, the following goals are established:

- 1) Identify transit and rideshare facilities and policies that are primarily public, while leaving room for private providers to operate.

**This goal has been Completed.** The countywide public transit network consists of the following public services: Solano Express bus service, Capitol Corridor trains and Waer Emergency Transport Authority (WETA) ferry boats. Solano-Napa Commuter Information (SNCI) rideshare provides matching for vanpool and carpool users, but the vanpools and carpools are privately operated. Transit Facilities of Regional Significance include both fully-public facilities and public facilities used by private carpools and vanpools. Construction, acquisition and operation of facilities and vehicles will be on-going.

- 2) Focus regional and county-wide transit resources on a mass transit system that provides access to regionally significant employment and population centers and civic amenities. **This goal has achieved Significant Progress.** Transit services provide direct links to BART stations and the San Francisco Ferry Building, to the transit connection hub at the State Capitol in Sacramento, and to UC Davis. In addition, local transit services provide connections to the regional system, and to local activity centers such as Solano College, the Westfield Mall and employment centers. The State Route (SR) 12 Transit Corridor Study has identified the need to provide transit connections between Napa and Solano counties, specifically along the SR 12 corridor through Jameson Canyon (SR 20 to I-80) While most major destinations are served, additional local nodes in the public transit system, are needed to increase access to the system.
  - a) Include facilities and programs that directly support Transit Oriented Development projects, including Transportation for Livable Community projects and Priority Development Areas. **This sub-goal is a Preliminary Proposal.** TOD projects are few in number in Solano County, and the PDA process is relatively new. There has been little time to begin to focus resources to support transit services to TOD/PDA areas; however, 9 PDAs have been designated in Solano County cities.
  
- 3) Promote a coordinated mass transit system that allows patrons of local transit systems to easily and conveniently connect to regional transit systems.
 

**This goal has achieved Significant Progress.** Although there are efforts to coordinate the arrival of local and express buses, and to coordinate the arrival of bus service with the Capitol Corridor train and WETA ferry services, there is not a single point of coordination or formal communication. SNCI provides a supportive roll in coordinating local and regional transit schedules.
  
- 4) Make investment decisions that leverage relationships with regional mass transit providers, including the Capitol Corridor Joint Powers Authority and the Vallejo/Baylink ferry system/Water Emergency Transit Authority. **This goal has achieved Significant Progress.** STA and its member agencies have promoted the location of local and SolanoExpress bus facilities at the existing ferry and rail stations. STA has partnered with the Capitol Corridor Joint Powers Authority (CCJPA) to provide the existing passenger train service at the Suisun City/Fairfield station and to obtain a passenger train commitment and the Fairfield/Vacaville station, and to provide funds and support for track improvements and joint marketing.
  
- 5) Develop and implement programs to coordinate and consolidate the provision of interregional, intercity and local transit services. **This goal has achieved Significant Progress.** SolanoExpress is the coordinating system used for intercity transit, both to the Bay Area and Sacramento. For local transit, a single service provider (Fairfield And Suisun Transit – FAST) serves Fairfield and Suisun. The cities of Vallejo and Benicia are working to consolidate their local and intercity transit services. Dixon, Rio Vista and Vacaville run separate services. All of the local services are provided by a private-sector contractor. Finally, STA and the transit providers have signed an Intercity Funding Agreement to provide an equitable distribution of the funding burden for intercity transit bus service.
  - a) Study options for coordination and consolidation of local transit services. Where local transit services are not consolidated, they should be coordinated spatially and temporally with intercity transit. **This sub-goal has been Completed.** STA completed a Transit Consolidation Study in

September of 2007.

- 6) Continue to build upon Solano resident's high rate of carpool and vanpool commuting by identifying convenient park and ride lot locations, constructing park and ride lots, and implementing a High Occupancy Vehicle system on major freeways.
  - a) Continue to provide innovative rideshare services through Solano-Napa Commuter Information (SNCI). **This sub-goal has been Completed.** SNCI provides rideshare services at no cost for residents of Solano and Napa counties, as well as transit connection advise and computer links to transit providers and regional transportation data such as MTC's 511 system. This system requires an on-going funding commitment.
  - b) Increase the inventory of park and ride spaces by at least 25% by 2015. **This sub-goal has achieved Significant Progress.** The current inventory of park-and-ride lots shows 3,292 spaces available. An increase of 25% would add 823 spaces, for a total of 4,115 spaces by 2015. Has begun on 200 spaces in Phase 1 of the Vacaville Transportation Center, with completion expected in late 2010. Plans exist and are being advanced to construct 400 spaces at Phase 2 of the Vacaville Transportation Center and 360 spaces at Phase 2 of the Fairfield Transportation Center, for a total of 960 spaces that can be constructed by 2015. Additional spaces can also be expected at the Curtola Park and Ride facility in Vallejo. In addition, 3 new park-and-ride lot sites have been identified in Benicia and are eligible for RM 2 funding. Two additional lots are proposed for Fairfield, three sites have been potential sites have been identified in Dixon, and one site in Rio Vista.
  - c) Construct park and ride lots in areas that are not currently served: Rio Vista, Benicia and Dixon. **This sub-goal is a Preliminary Proposal.** Park and ride lot locations have been identified for each community. For Rio Vista, one site has been identified at Church Road and SR 12, but funding for construction of the site has not been identified. For Benicia, 3 locations that have access to RM-2 funding have been identified. In addition, the proposed Benicia multi-modal transit center at the Lake Herman Road/I-680 intersection is proposed, with study funds possibly from RM-2. However, none of the projects is beyond 35% PS&E. The City of Dixon has generally identified 3 park-and-ride lot locations at freeway intersections, but has not specified exact locations, and has not dedicated funding to design or other implementation steps. The City of Rio Vista has identified one site at SR 12 and Church Road, but has not dedicated funding to design or other implementation steps.
  
- 7) Provide services that create mobility for senior and disabled riders.
  - a) Update Solano County Senior and Disabled Transportation Study and develop implementation plan. **This sub-goal is a Preliminary Proposal.** The STA Fiscal Year 2009-2010 (FY 09-10) budget includes funding for an update of the Senior and Disabled Transit Study. Completion of the update is expected in FY 10-11.
  - b) To ensure long-term viability and mobility, evaluate existing delivery of Americans with Disabilities Act and other paratransit services countywide and alternative delivery options. **This sub-goal has achieved Significant Progress.** The STA hosted two Senior and Disabled Transit summits in the last half of CY 2009. These Summits provided contemporary evaluations of the current system and specific suggestions on improvements to the system. As a result of the two summits, STA has established a committee to assist in the assessment of senior and disabled

transit needs. In addition, STA and hrte member agencies have adopted a county-wide paratransit taxi script program for ADA-eligible riders. This program will require an on-going funding commitment.

- c) Utilize the Paratransit Coordinating Council (PCC) as a venue to guide the identification, development, and evaluation of the effective senior and disabled transit and other mobility programs. **This sub-goal has been Completed.** The PCC meets on a regular basis to provide advice and direction to STA staff regarding provision of senior and disabled transit services.
- 8) Identify and implement transit and transportation priorities of low-income population through Community-Based Transportation Plans. **This goal has achieved Significant Progress.** CBTPs exist for Dixon (2004), Cordelia/Fairfield Suisun (2008) and Vallejo (2008). Priority projects identified in the three adopted CBTPs have so far received \$3.1 million in Lifeline Transportation Funds allocated by STA and MTC. In 2010 a CBTP is scheduled to be completed for Vacaville, and another for east Fairfield in 2011.
  - 9) Develop and implement a program to reduce the air emissions of transit vehicles. **This goal has achieved Significant Progress.** This is a new goal in the CTP. STA has submitted and obtained earmark requests for two appropriations cycles through the office of Congressman George Miller for clean-fuel transit vehicles. In addition to the intercity transit fleet, local transit vehicles providers have moved to clean fuel vehicles. The City of Fairfield operates a clean diesel bus fleet, and the City of Vacaville has converted its City Coach transit fleet to Compressed Natural Gas, with diesel vehicles used only as back-ups. However, this is currently an ad-hoc process, rather than a systematic policy of acquisition of new transit vehicles. Alternative Fuels for both public and private vehicles is also addressed in the Alternative Modes element of the CTP.
    - a) Develop a countywide alternative fuel transit vehicle and facilities plan to reduce fuel costs and assist with operators' compliance with California Air Resources Board (CARB) regulations. **This sub- goal is a Preliminary Proposal.** STA has promoted alternative fuels vehicles on an ad-hoc basis, and has adopted neither an analysis of which fuels would be most effective for Solano County nor a strategy to advance use of that/those fuel(s).
    - b) Help transit operators identify and obtain funds to offset the incremental cost of purchasing and operating alternative fuel and other clean transit vehicles. **This sub- goal is a Preliminary Proposal.** STA staff holds regular meetings with the SolanoExpress Transit Consortium once a month. On an as-needed basis, discussions of alternative fuel vehicles are included on the agendas. In addition, STA has sought and received approval for two congressional earmarks for the purchase of alternative fuel buses for intercity transit. At this time, however, the majority of intercity transit vehicles are not alternative of clean fuel buses.
  - 10) Increase the transit mode share to 8% of commute hour trips by 2015. **This sub- goal is a Preliminary Proposal.** The current transit mode, excluding rideshare, was 5% in 2005 (the most recent year with available statistics). The highest proportion reached for transit was 7% in the year 2000. Transit percentage information is not available for years since 2005.
    - a) Develop and implement programs, services, and policies that increase transit ridership and mode share by making transit more convenient and attractive. **This sub-goal has achieved Significant Progress.** STA and the transit providers meet on a monthly basis through the

SolanoExpress Intercity Transit Consortium to identify and implement steps to improve transit ridership, including routing, scheduling and advertising issues. In addition, STA has worked with the California Department of Transportation (Caltrans) to construct and open a High Occupancy Vehicle (HOV) on I-80 lane between Red Top Road and Airbase Parkway. STA's SSCI program also conducts the yearl Solano Commute Challenge, provides rideshare incentives and markets transit programs. STA has also dedicated discretionary funds to the construction of transit centers and park-and-ride lots.

- 11) Develop criteria for Transit Facilities of Regional Significance. "Transit Facilities" are permanent, fixed infrastructure such as bus, ferry and train stations, maintenance yards and the roadways used by transit vehicles. "Regional Significant" means connecting Solano County and its communities with the greater northern California region, or connecting communities within Solano County. **This goal has been Completed.** The STA Board has adopted the criteria and the facilities have been nominated by the member agencies and accepted by the STA Board.

Transit Facilities of Regional Significance are:

- a) All passenger rail lines, and all passenger train stations, current or planned, identified in an adopted STA Plan.
  - b) All ferry facilities, including terminals, maintenance docks and fueling stations, current or planned, identified in an adopted STA Plan.
  - c) Bus stations providing all of the following services:
    - i) Routes to destinations outside Solano County or between two or more cities in Solano County
    - ii) Peak hour headways of 1 hour or less
  - d) Maintenance and parking facilities for busses providing services identified in 1, 2 or 3 above.
  - e) Interchanges that provide access to and from the highway system for stations identified in 1, 2 or 3 above.
- 12) Create and implement programs to help fund adequate maintenance and strategic expansion of Transit Facilities of Regional Significance. **This goal has achieved Significant Progress.** STA has initiated a periodic review of top priority projects for each of the 7 cities and the county in order to identify which roadway and transit projects will be given priority in receiving funds. In addition, STA is exploring the possibility of a Regional Transportation Impact Fee. Both efforts use Routes of Regional Significance and Transit Facilities of regional Significance as the basis for identifying eligible projects. This process will also be used to identify projects eligible for funding through the Regional Transportation Plan. The STA's Regional Measure 2 (RM 2) priorities list has been used to identify and help fund key transit nodes.
- 13) Create and implement programs to help fund adequate maintenance, repair and replacement of transit vehicles and supporting infrastructure. **This goal has achieved Significant Progress.** To help with long-range planning and the updating of the Regional Transportation Plan (RTP) every three years, MTC collects consistent and comparable data on the region's transit capital assets and associated replacement and rehabilitation costs from each operator in the Bay Area's large

urbanized area and small urbanized areas. The data is used to improve MTC's ability to forecast regional transit capital rehabilitation and replacement needs and to program available funding. The inventory also helps operators manage their capital assets. A major portion of the project work to date involved working with operators to identify the source of capital inventory data so that each operator could readily provide data for the regional inventory, as well as their own asset management needs. MTC has recently hired a consultant to assist in refining the asset inventory and cost data currently included in the Regional Transit Capital Inventory (RTCI). MTC's main focus is on major capital projects and they do not collect capital information from rural transit operators which includes Dixon Redit-Ride and Rio Vista Delta Breeze. Working with the Transit Consortium, the Solano Transportation Authority (STA) also collects the transit capital assets and associated replacement and rehabilitation costs from each Solano County operator including the rural areas. STA collects major and minor capital assets, as well as transit fleet inventory data every two years. STA utilizes these lists to categorize capital projects and cost to assist in identifying progress, needs and potential funding options.

- 14) Develop a strategy to reduce accidents and injuries in the vicinity of significant transit facilities. **This goal is a Preliminary Proposal. Creation of a Safe Routes to Transit Plan is funded for the second half of FY 09-10, but the study has not yet been initiated.**
  - a) Quantify, and periodically update, accident statistics for roads, trails and intersections within ¼ mile of Transit Facilities of Regional Significance.
  - b) Establish a priority list for improvements to reduce accidents and injuries in the Safe Routes to Transit Plan.
  
- 15) Provide decision-makers with timely, accurate and sufficient information to make transit service and investment decisions
  - a) Ensure that transit corridor studies are conducted and kept up-to-date for all major transit corridors, including I-80/I-680/I-780, SR 12 and SR 29. **This goal has achieved Significant Progress.** A transit corridor study was completed for I-80/I-680/I-780 in July 2004, and for SR 12 in January of 2006. No transit corridor study has been conducted for SR 29, and neither the STA nor the Napa County Transportation and Planning Agency has allocated funds for such a study.
  - b) Conduct countywide ridership surveys every three years. **This goal has been Completed.** STA conducted a transit rider survey in 2006, and completed a new survey in late 2009. The results of the 2009 survey are being compiled at this time.



DATE: December 22, 2009  
TO: STA Comprehensive Transportation Plan – Transit Committee  
FROM: Elizabeth Richards, Director of Transit and Rideshare Services  
RE: Benicia Vallejo Transit Consolidation Status

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**Background:**

After several years of study, the STA Board made several recommendations at the June 2009 Board meeting at the conclusion of Phase II of the Transit Consolidation study. One of these was to work with Benicia and Vallejo to advance Option 1 – South Solano Transit Consolidation.

**Discussion:**

Since June of 2009, a committee has been meeting monthly to advance this recommendation. The South Solano Transit Coordinating Committee (SSCTCC) consists of the Mayors of Benicia and Vallejo, the STA Alternates from Benicia and Vallejo, City Managers, Public Works Directors and transit staff as well as STA staff. Guiding principles were developed and incorporated into a Memorandum of Understanding (MOU) to guide efforts toward consolidation. The MOU has been approved by the City Councils of Benicia and Vallejo and the STA Board.

A transition plan has been developed, along with a timeline that targets July 2010 for consolidation (see Attachment A). A Joint Powers Agreement (JPA) has been under development to create the new agency along with a Business Plan that would define the new organization in terms of budgeting, organizational structure and operating policies, staffing, services, and capital assets and how these are proposed to transition from the Cities to the STA.

Benicia and Vallejo plan to initiate a joint Short Range Transit Plan (SRTP) in early 2010. This is supported by MTC staff. Numerous issues of interest to the SSCTCC can be addressed in the SRTP including

- a. Vallejo and Benicia fleet management coordination
- b. Vallejo Bus Yard Improvements
- c. Vallejo Transfer Center (VTC) and Administrative Building
- d. Other existing and planned Benicia and Vallejo Transit Capital Projects
- e. Option for improved and expanded service
- f. Local funding options

At the request of Benicia members of the SSCTC, outreach to the Benicia public began in December and continues into January. The purpose of this outreach is to identify and address concerns and issues of potential consolidation.

**Recommendation:**

Informational.

Attachments:

- A. Transition Plan

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**SOUTH COUNTY TRANSIT CONSOLIDATION  
TRANSITIONAL PLAN**

*Revised July 29, 2009*

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1. The Benicia Breeze and Vallejo Transit services shall be consolidated to streamline, simplify, and improve access for transit riders through enhanced service coverage, frequency, affordability, and mobility options. The consolidated service shall be responsible for coordinating transportation services in Benicia and Vallejo.
2. The consolidated transit service shall achieve high standards for greenhouse gas emissions and energy reductions, minimizing the carbon footprint of Benicia and Vallejo residents. The consolidated transit service shall help achieve the Benicia and Solano County Climate Action Plans greenhouse gas reduction targets.
3. The Benicia Breeze and Vallejo Transit service consolidation shall be consistent with the Countywide Transportation Plan Transit Element to maximize the ability of Solano residents, workers, and visitors to reach destinations within Solano County, and to access regional transportation systems.
4. The consolidated transit service shall be designed to be cost effective and efficient.
5. The consolidation of services shall be managed in a public process to encourage participation by residents, stakeholders, and decision-makers in both communities.
6. The consolidated transit service shall maintain the continuity of service provided by both jurisdictions, minimizing service disruptions and passenger inconveniences due to the transition. If possible, service levels shall be maintained and expanded.
7. The consolidated transit service shall maximize opportunities for regional funding.

# SOUTH COUNTY TRANSIT CONSOLIDATION WORK PLAN

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**Purpose:** To outline the requirements and schedule for consolidating Vallejo Transit and Benicia Breeze as recommended in the Solano County Transit Consolidation Study.

**Approach:** Staff of the cities of Benicia and Vallejo and the STA will lead the transition planning effort with the support of STA consultants.

## Task Area 1: Structure and Governance

- Establish guiding principles for Transition Plan
- Identify form of governance for consolidated entity (e.g., JPA)
- Identify board membership and representation
- Draft by-laws for the new entity
- Identify policies and procedures for the new entity

## Task Area 2: Public Outreach

- Engage and inform public of consolidation plans and conduct public workshops to hear public concerns and answer questions
- Establish a Public Outreach Plan
- Prepare plan for re-branding the system
- Develop public information for transition

## Task Area 3: Finance

- Prepare a business plan for consolidating the two agencies, identifying an administrative framework and costs of consolidation
- Establish new entity as a federal, state, regional transit grantee
- Identify fiscal agent to provide accounting and information technology services
- Determine how procurement will be managed (e.g., using fiscal agent or another approach)
- Identify capital asset ownership and potential transfer of assets to new entity
- Prepare consolidated annual budget for new entity

## Task Area 4: Human Resources

- Describe how existing employees will be transferred/absorbed in to new entity
- Develop an organization chart for the new entity
- Prepare a staffing plan, including duties and responsibilities for each function/position
- Identify organization to provide human resources services (e.g., payroll processing, benefits administration, etc.)

#### Task Area 5: Legal

- Identify legal requirements to establish consolidated entity
  - Potential for near term, operating MOU
  - Establishment of Joint Powers Agreement (JPA)
- Determine how potential USDOL 13(c) labor protections would be applied to the consolidated entity
- Identify organization or entity to provide legal services

#### Task Area 6: Service Planning and Operations

- Establish service objectives, standards, and training including customer service standards for consolidated system
- Prepare consolidated Short Range Transit Plan
  - Operations
  - Capital Improvement Plan (CIP)
- Determine how existing service contracts will be phased out

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DATE: January 6, 2010  
TO: STA Comprehensive Transportation Plan – Transit Committee  
FROM: Robert Macaulay, Director of Planning  
RE: Comprehensive Transportation Plan (CTP) Update – Next Steps and Schedule

**Background:**

The STA Board has initiated an update of the Solano Comprehensive Transportation Plan (CTP). The CTP is the STA's primary long-range planning document. The CTP consists of three main elements: Alternative Modes; Arterials, Highways and Freeways; and, Transit.

**Discussion:**

All three CTP committees – Alternative Modes, Arterials Highways and Freeways, and Transit – will meet in January 2010 to review the Draft CTP project list and the Goal Gap Analysis. When those steps are complete and the STA Board adopts the CTP project list in February 2010, the following major steps will remain to complete the CTP update. Many of the steps are sequential, but some can be conducted at the same time.

- Develop an estimate for the cost of each project, and identify anticipated available funding.
- Compile a list of local and regional initiatives that will shape Solano transportation choices. Specific examples are the Metropolitan Transportation Commission's Freeway Performance Initiative and High Occupancy Toll (aka Express) lanes, and development of a SB 375 Sustainable Communities Strategy.
- Develop draft policies for each Element, including policies for funding priorities.
- Develop a draft Tiered CTP Project List
- Prepare the CTP investment plan
- Prepare a CTP Study priority list
- Complete the Draft CTP, including all maps and graphics
- Present the Draft CTP at public meetings around the county
- Prepare an environmental analysis for the Draft CTP

STA staff plans to have the draft CTP ready for public comment by the end of May, 2010.

**Fiscal Impact:**

None.

**Recommendation:**

Informational.

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