



Solano Transportation Authority  
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**SOLANO TRANSPORTATION AUTHORITY**

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

One Harbor Center, Suite 130, Suisun City, CA 94585-2473 ♦ Telephone (707) 424-6075 / Facsimile (707) 424-6074  
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**BICYCLE ADVISORY COMMITTEE (BAC)  
MEETING AGENDA**

**6:30 – 8:00 p.m.**

**Thursday, July 10, 2014**

**Solano Transportation Authority, Conference Room 1**

**One Harbor Center, Suite 130**

**Suisun City, CA 94585-2473**

<u>ITEM</u>	<u>MEMBER/STAFF PERSON</u>
1. CALL TO ORDER/SELF INTRODUCTIONS	Mike Segala, Chair
2. CONFIRM QUORUM	Chair
3. APPROVAL OF AGENDA	Chair
4. OPPORTUNITY FOR PUBLIC COMMENT	Chair
5. REPORTS FROM STA STAFF AND LOCAL AGENCY STAFF	
6. STA BAC MEETING MINUTES OF March 6, 2014 <u>Recommendation:</u> Approve STA BAC Meeting Minutes of March 6, 2014 (6:30 – 6:35 p.m.) <b>Pg. 1</b>	Chair
7. PRESENTATIONS	
A. I-80/I-680/SR-12 Interchange Project Update <b>Pg. 7</b>	Drew Hart
B. Bike Friendly Roadway Treatment (6:35 – 6:50)	Nick Burton
8. ACTION ITEMS	
A. BAC Appointment to Priority Conservation Area Partnership Advisory Committee (PCA PAC) <u>Recommendation</u> Appoint a BAC member to serve on the Priority Conservation Area (PCA) Stakeholder Committee. (6:50-7:10 p.m.) <b>Pg. 9</b>	Drew Hart

**STA BAC MEMBERS**

<b>Ray Posey</b> City of Vacaville	<b>Michael Segala</b> Chair County of Solano	<b>Nancy Lund</b> Vice Chair City of Benicia	<b>Jim Fisk</b> City of Dixon	<b>David Pyle</b> City of Fairfield	<b>Derek Nelson</b> City of Rio Vista	<b>Lori Wilson</b> City of Suisun City	<b>Mick Weninger</b> City of Vallejo	<b>Barbara Wood</b> Member-At- Large
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9. **INFORMATIONAL ITEMS –DISCUSSION**
- A. **2014 Bicycle Project Tour Discussion** Drew Hart  
(7:10 – 7:15 p.m.)  
**Pg. 11**
  - B. **Bay Trail/Vine Trail Update** Sofia Recalde  
(7:15 – 7:20 p.m.)  
**Pg. 13**
  - C. **Air Quality Funding Update** Drew Hart  
(7:20-7:25 p.m.)  
**Pg. 15**
  - D. **Transportation Development Act (TDA) Article 3 Update** Sofia Recalde  
(7:25-7:35 p.m.)  
**Pg. 17**
  - E. **Data Gathering – Bicycle/Pedestrian Counts Safety Data** Sofia Recalde/  
Drew Hart  
(7:35-7:45 p.m.)  
**Pg. 19**
10. **COMMITTEE MEMBER COMMENTS & FUTURE AGENDA TOPICS** Group  
(7:55 - 8:00 p.m.)
- A. **Suisun/Fairfield Depot Train Station Biking and Walking Routes Brochure**
  - B. **BikeLinks Map Update**
  - C. **Rumble Strips vs. Audible Thermoplastic “Wafers” Allowance on Caltrans Facilities**
11. **ADJOURNMENT**  
The next regularly scheduled BAC Meeting is Thursday, September 11, 2014

**2014 BAC MEETING SCHEDULE**

**\*Please mark your calendars for these dates\***  
**September 11, 2014**  
**November 6, 2014**

**Questions?** Please contact STA staff, Drew Hart, (707) 399-3214, [ahart@sta-snci.com](mailto:ahart@sta-snci.com)



**Bicycle Advisory Committee  
Minutes for the meeting of  
March 6, 2014**

**1. CALL TO ORDER**

The regular meeting of the STA's Bicycle Advisory Committee (BAC) was called to order by Mike Segala at approximately 6:03 p.m. in the Solano Transportation Authority (STA)'s Conference Room 1.

BAC Members Present:	Nancy Lund	City of Benicia
	James Fisk	City of Dixon
	David Pyle	City of Fairfield
	Lori Wilson	City of Suisun City
	Mick Weninger	City of Vallejo
	Mike Segala	Solano County
	Barbara Wood	Member at Large

BAC Members Absent:	Ray Posey	City of Vacaville
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STA Staff Present:	<i>(In Alphabetical Order by Last Name)</i>	
	Nancy Abruzzo	STA
	Paulette Cooper	STA
	Robert Guerrero	STA
	Andrew Hart	STA
	Robert Macaulay	STA
	Sofia Recalde	STA

Others Present:	<i>(In Alphabetical Order by Last Name)</i>	
	Nick Burton	Solano County
	Robert Powell	Resident of Vallejo

**2. Confirm Quorum**  
Quorum was confirmed.

**3. APPROVAL OF THE AGENDA**  
On a motion by David Pyle, and a second by Barbara Wood, the STA BAC approved the agenda.

**4. OPPORTUNITY FOR PUBLIC COMMENT**  
Rob Powell, resident of Vallejo, inquired about the \$15,000 that was allocated for the manufacturing of the wayfinding signs. Mr. Powell stated that he has not seen any signs installed. He further stated that Robert Macaulay had informed him that the wayfinding signs had been manufactured and distributed to the various jurisdictions.

**5. REPORTS FROM STA STAFF AND LOCAL AGENCY STAFF**

Robert Macaulay introduced the new STA employee, Andrew Hart, Associate Planner that took Sara Woo's position. He indicated that Mr. Hart would become primary staff for the Bicycle Advisory Committee.

Robert Macaulay followed up on the question Rob Powell had posed earlier in the meeting with regards to the wayfinding signs. Mr. Macaulay stated that Sara Woo had been working on the installation of county bikeway signs and since her departure this project had been put aside. He noted that STA now has the staff and are focused on moving forward with this project.

Robert Macaulay highlighted the Rio Vision project. In cooperation with the city and many community sponsors, Rio Vista requested a Regional/Urban Design Assessment (R/UDAT) for a strategic assessment of its opportunities. Mr. Macaulay noted that in a number of presentations that took place at the last R/UDAT meeting was a discussion about bicycles. It was noted that more bike lockers, bike racks, storage facilities in downtown, better inter-city bicycle connection and better connection from Rio Vista to the rest of Solano County either along SR 12 or along the Montezuma Hills are necessary. Mr. Macaulay stated that the STA will be working with the City of Rio Vista and how they want to implement the suggestions from the R/UDAT.

Robert Macaulay reviewed the Priority Conservation Area Plan. Mr. Macaulay indicated that the STA and top County officials will be going on a tour to the Suisun Valley area which is the initial focus of the priority conservation area planning. STA feels the projects in this area will compete very well with the State's Active Transportation Plan which is where you start competing for bicycle funds on a statewide level rather than local.

Nick Burton, Solano County, provided an update on the Pleasants Valley Road project (Pleasants Valley Road to Cantelow). Mr. Burton stated that the County has selected a consultant for this project and have a schedule that they feel confident about. He noted that consultants have also been selected for the Midway Road/Sievers Road and the Farm to Market projects.

**6. STA BAC MEETING MINUTES OF JANUARY 9, 2014**

On a motion by Jim Fisk, and a second by Nancy Lund, the STA BAC approved the Meeting Minutes of January 9, 2014.

**7. PRESENTATIONS**

**A. Bike to Work/School Events**

Paulette Cooper, SNCI, highlighted the Bike to Work Day scheduled on, Thursday, May 8, 2014. Ms. Cooper noted that the Safe Routes to School Program will be participating in Bike to School Day scheduled on Wednesday, May 7, 2014. She asked the committee members to think about who they would like to nominate for Bike Commuter of the Year. Bike Commuter of the Year submissions will begin in April.

**B. I-80/I-680/SR-12 Interchange Project Update**

Robert Guerrero provided an update to the I-80/I-680/SR-12 Interchange Project. Mr. Guerrero noted that the I-80/I-680/SR-12 Interchange Project is environmentally cleared and one of the biggest projects in Solano County. He stated that Phase 1 has been designed and is fully funded and is out for bid. Mr. Guerrero continued the project update reviewing Phase 2, Phase 3, Phase 4 and Phase 5.

Rob Powell stated his issues regarding:

- The existing bike path that connects to Green Valley will be eliminated
- Temporary bike path that will be constructed at the west end of the North Connector (Business Center Drive to Red Top Road)
- The City of Fairfield will be responsible for the maintenance of the bike path
- Concerns about lack of maintenance on temporary bike path
- The money being spent to construct the temporary bike path should be used to build the permanent bike path
- Will the extension of Business Center Drive have a sidewalk?
- The existing bike path that connects to Green Valley will be eliminated
- SR 12 and Red Top Road intersection, unsigned, undesignated Class 3 bicycle route that is the City of Fairfield's responsibility
- Green Valley Road onramp to I-80 unsafe road conditions

Robert Macaulay proposed that at the upcoming March 12, 2014 STA Board meeting under the Director's report he would convey to the Board members the committee's concerns with regard to the I-80/I-680/SR-12 Interchange Project and the bike paths affected by this project.

**C. Clean Air Program**

This item was tabled until the next meeting.

**8. ACTION ITEMS**

**A. Bikelinks Map Update**

Sofia Recalde presented the Bikelinks Map Update. Ms. Recalde noted that in January 2014, STA staff requested BAC's input to make minor adjustments and updates to the 2012 BikeLinks Map such as segments that should be added or removed, landmarks, and general comments to improve accuracy. Ms. Recalde reviewed the comments received from the BAC members and the public. After a lengthy discussion about edits to the Bikelinks Map, the BAC committee members agreed to form an ad hoc committee that would meet prior to the next special BAC meeting and determine edits to the updated Bikelinks Map. These edits would be discussed and approved at the special meeting on April 3, 2014.

At the request of Chair Segala, the recommendation was modified as shown below in ~~strikethrough bold italics~~:

Recommendation:

- ~~1. Approve the administrative changes (Attachment A) to the 2012 BikeLinks Map; and~~
- ~~2. Approve the revised map via majority consensus by e-mail~~

*Refer to the ad hoc committee for final recommendations to the Bikelinks Map updates to be discussed and approved at the special meeting scheduled on April 3, 2014, 6:30 p.m. at the STA, Conference Room 1.*

On a motion from David Pyle, and a second by Barbara Wood, the STA BAC unanimously approved the recommendation as amended shown above in ~~strikethrough~~ **bold italics**.

**9. INFORMATIONAL - DISCUSSION**

**A. Active Transportation Program (ATP) and TD Article 3 Update**

Sofia Recalde presented and outlined the new funding program for active transportation projects that includes bicycle and pedestrian projects. She noted the goals of the program (Active Transportation) are to increase the number of biking and walking trips and also improve safety, to advance the greenhouse gas reduction to improve public health and to ensure that these projects benefit disadvantage communities. Approximately \$120M will be available annually for FY 13/14, 14/15 and 15/16 (total \$360M). The Call for Projects for the statewide program will occur on March 21, 2014.

Sofia Recalde provided an update on TDA Article 3 funding source generated by a ¼ cent tax on retail sales collected in California's 58 counties. Ms. Recalde stated two percent of the total TDA goes towards bicycle and pedestrian projects, and every year this money becomes available through the Metropolitan Transportation Commission (MTC). She reported that in February 2014, MTC released the TDA Article 3 fund estimate for FY 14-15. Solano County has approximately \$400,000 in TDA Article 3 to distribute for pedestrian and bicycle related projects. Ms. Recalde stated that STA staff will present a TDA Article 3 funding strategy for discussion and action at the May BAC meeting.

**B. 2014 Bicycle Project Tour Discussion**

This item was tabled until the next meeting.

**C. 2014 BAC Meeting Calendar**

This item was tabled until the next meeting.

**D. BAC Membership Status**

This item was tabled until the next meeting.

**10. COMMITTEE MEMBER COMMENTS & FUTURE AGENDA TOPICS**

- I-80/I-680/SR-12 Interchange Project Update

**11. ADJOURNMENT**

The meeting was adjourned at 9:00 p.m.

<b>A</b>		<b>J</b>	
ABAG	Association of Bay Area Governments	JARC	Jobs Access Reverse Commute Program
ACTC	Alameda County Transportation Commission	JPA	Joint Powers Agreement
ADA	American Disabilities Act	<b>L</b>	
AVA	Abandoned Vehicle Abatement	LATIP	Local Area Transportation Improvement Program
APDE	Advanced Project Development Element (STIP)	LEV	Low Emission Vehicle
AQMD	Air Quality Management District	LIFT	Low Income Flexible Transportation Program
ARRA	American Recovery and Reinvestment Act	LOS	Level of Service
<b>B</b>		LS&R	Local Streets & Roads
BAAQMD	Bay Area Air Quality Management District	<b>M</b>	
BABC	Bay Area Bicycle Coalition	MAP-21	Moving Ahead for Progress in the 21 <sup>st</sup> Century
BAC	Bicycle Advisory Committee	MIS	Major Investment Study
BART	Bay Area Rapid Transit	MOU	Memorandum of Understanding
BATA	Bay Area Toll Authority	MPO	Metropolitan Planning Organization
BCDC	Bay Conservation & Development Commission	MTC	Metropolitan Transportation Commission
BT&H	Business, Transportation & Housing Agency	MTS	Metropolitan Transportation System
<b>C</b>		<b>N</b>	
CAF	Clean Air Funds	NCTPA	Napa County Transportation & Planning Agency
CALTRANS	California Department of Transportation	NEPA	National Environmental Policy Act
CARB	California Air Resources Board	NHS	National Highway System
CCCC (4'Cs)	City County Coordinating Council	NOP	Notice of Preparation
CCCTA (3CTA)	Central Contra Costa Transit Authority	<b>O</b>	
CCJPA	Capitol Corridor Joint Powers Authority	OBAG	One Bay Area Grant
CCTA	Contra Costa Transportation Authority	OTS	Office of Traffic Safety
CEQA	California Environmental Quality Act	<b>P</b>	
CHP	California Highway Patrol	PAC	Pedestrian Advisory Committee
CIP	Capital Improvement Program	PCC	Paratransit Coordinating Council
CMA	Congestion Management Agency	PCRCP	Planning & Congestion Relief Program
CMIA	Corridor Mobility Improvement Account	PCA	Priority Conservation Study
CMAQ	Congestion Mitigation & Air Quality Program	PDS	Project Development Support
CMP	Congestion Management Plan	PDA	Priority Development Area
CNG	Compressed Natural Gas	PDT	Project Delivery Team
CTC	California Transportation Commission	PDWG	Project Delivery Working Group
<b>D</b>		PMP	Pavement Management Program
DBE	Disadvantaged Business Enterprise	PMS	Pavement Management System
DOT	Department of Transportation	PNR	Park & Ride
<b>E</b>		PPM	Planning, Programming & Monitoring
ECMAQ	Eastern Solano Congestion Mitigation Air Quality Program	PPP (P3)	Public Private Partnership
EIR	Environmental Impact Report	PS&E	Plans, Specifications & Estimate
EIS	Environmental Impact Statement	PSR	Project Study Report
EPA	Environmental Protection Agency	PTA	Public Transportation Account
EV	Electric Vehicle	PTAC	Partnership Technical Advisory Committee (MTC)
<b>F</b>		<b>R</b>	
FEIR	Final Environmental Impact Report	RABA	Revenue Alignment Budget Authority
FHWA	Federal Highway Administration	RBWG	Regional Bicycle Working Group
FPI	Freeway Performance Initiative	RFP	Request for Proposal
FTA	Federal Transit Administration	RFQ	Request for Qualification
<b>G</b>		RM 2	Regional Measure 2 (Bridge Toll)
GHG	Greenhouse Gas	RPC	Regional Pedestrian Committee
GIS	Geographic Information System	RRP	Regional Rideshare Program
<b>H</b>		RTEP	Regional Transit Expansion Policy
HIP	Housing Incentive Program	RTIF	Regional Transportation Impact Fee
HOT	High Occupancy Toll	RTP	Regional Transportation Plan
HOV	High Occupancy Vehicle	RTIP	Regional Transportation Improvement Program
<b>I</b>		RTPA	Regional Transportation Planning Agency
ISTEA	Intermodal Surface Transportation Efficiency Act		
ITIP	Interregional Transportation Improvement Program		
ITS	Intelligent Transportation System		

**S**

SACOG	Sacramento Area Council of Governments
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equality Act-a Legacy for Users
SCS	Sustainable Community Strategy
SCTA	Sonoma County Transportation Authority
SFCTA	San Francisco County Transportation Authority
SJCOG	San Joaquin Council of Governments
SHOPP	State Highway Operations & Protection Program
SMAQMD	Sacramento Metropolitan Air Quality Management District
SMCCAG	San Mateo City-County Association of Governments
SNCI	Solano Napa Commuter Information
SoHip	Solano Highway Improvement Plan
SOV	Single Occupant Vehicle
SP&R	State Planning & Research
SR	State Route
SR2S	Safe Routes to School
SR2T	Safe Routes to Transit
STAF	State Transit Assistance Fund
STA	Solano Transportation Authority
STIP	State Transportation Improvement Program
STP	Federal Surface Transportation Program

**T**

TAC	Technical Advisory Committee
TAM	Transportation Authority of Marin
TAZ	Transportation Analysis Zone
TCI	Transportation Capital Improvement
TCIF	Trade Corridor Improvement Fund
TCM	Transportation Control Measure
TCRP	Transportation Congestion Relief Program
TDA	Transportation Development Act
TDM	Transportation Demand Management
TE	Transportation Enhancement
TEA-21	Transportation Efficiency Act for the 21 <sup>st</sup> Century
TFCA	Transportation Funds for Clean Air
TIF	Transportation Investment Fund
TIGER	Transportation Investment Generating Economic Recovery
TIP	Transportation Improvement Program
TLC	Transportation for Livable Communities
TMA	Transportation Management Association
TMP	Transportation Management Plan
TMS	Transportation Management System
TOD	Transportation Operations Systems
TOS	Traffic Operation System
T-Plus	Transportation Planning and Land Use Solutions
TRAC	Trails Advisory Committee
TSM	Transportation System Management

**U, V, W, Y, & Z**

UZA	Urbanized Area
VHD	Vehicle Hours of Delay
VMT	Vehicle Miles Traveled
VTA	Valley Transportation Authority (Santa Clara)
W2W	Welfare to Work
WCCTAC	West Costa County Transportation Advisory Committee
WETA	Water Emergency Transportation Authority
YCTD	Yolo County Transit District
YSAQMD	Yolo/Solano Air Quality Management District
ZEV	Zero Emission Vehicle



DATE: June 16, 2014  
TO: STA BAC  
FROM: Andrew Hart, Associate Planner  
RE: I-80/I-680/State Route (SR) 12 Interchange Project Update

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**Background:**

The I-80/I-680/State Route 12 Interchange, located along the I-80 corridor in Solano County, is one of the busiest in Northern California. Each day, the volume of cars, buses, and trucks exceed the roadway's capacity, causing long delays and back-ups, particularly during commute hours. Improving this major bottleneck is a top priority for Solano County and the State of California.

For many years, the California Department of Transportation (Caltrans), in cooperation with the Solano Transportation Authority (STA), Solano County, and the cities of Fairfield and Suisun City, has been evaluating a variety of alternatives to improve local and regional mobility and safety within the corridor.

The entirety of the interchange complex includes local roads, on-ramps, and off-ramps, and overcrossings. The added infrastructure will be used by cars, busses, bicycles, and pedestrians. The effected infrastructure includes Green Valley Road, Business Center Drive, Lopes Road, and Red Top Road in addition to Interstates 80, and 680, and State Route 12.

Alternative C, Phase 1 was selected as the preferred alternative. The ground breaking was held on June 2, 2014 for the Initial Construction Package. The complete project will be build with a total of 7 packages.

**Discussion:**

Currently, this area has many challenges for bicyclists and pedestrians alike. To name a few, the Green Valley Road overpass that becomes Lopes Road is restrictive to bicyclists and pedestrians because of the narrow sidewalks and no shoulder to act as a buffer to passing cars. Additionally the poor, deteriorating condition of the Class I bike path north of I-80 connection Green Valley to Jameson Canyon makes it nearly impassible. Most phases of the interchange project will add new, safe facilities that serve non-motorized transportation.

The following are bicycle and pedestrian challenges during construction followed by planned improvements that the interchange project delivers. The improvements mentioned are also planned in the Fairfield Bicycle Circulation Plan.

Package 1 – Phase 1

During construction, the Class I bike path north of I-80 (behind Costco) becomes a staging area. As a result, a temporary closure of this Class 1 facility is necessary. Additionally, Green Valley

Road just north of I-80 will be under construction as well due to the required re-alignment of this section of road. Package 1 offers the following improvements upon completion:

- Ample sidewalks and shoulders on the new bridge connecting Green Valley Road and Lopes Road/I-680
- Class I bike path from Business Center Drive to the newly constructed State Route 12/Jameson Canyon Road
- Class II shoulders on east- and west-bound sides of State Route 12/Jameson Canyon Road

#### Package 2

Lopes Road near Rodriguez High School will be re-aligned, which may cause disruptions in the bicycle circulation pattern. After Package 2 concludes, the following improvements are offered:

- Class II bike lane on Lopes Road from Pascal Court south to Red Top Road

The most significant impact to the bicyclist community will likely be the time period from June 2014 until approximately November 2015. During that time, there will be no direct, safe access to the north side of SR 12/Jameson Canyon. Access across the existing Green Valley Road overcrossing will be maintained, but nearby construction activity may result in uneven pavement, more restricted lanes and additional distractions for drivers that may make use of this facility by bicyclists less attractive. STA staff will continue to work with the project contractor, the local bicycling community as represented by the STA Bicycle Advisory Committee, and other interested parties in order to identify and implement an access plan during the construction phase that accommodates all users of the area.

#### **Fiscal Impact:**

None at this time.

#### **Recommendation:**

Informational.



DATE: July 2, 2014  
TO: STA PCA Stakeholders Committee  
FROM: Drew Hart, Associate Planner  
RE: BAC Appointment to Priority Conservation Area Partnership Advisory Committee (PCA PAC)

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**Background:**

On March 13, 2013, the STA Board approved the development a Solano Priority Conservation Area (PCA) Assessment and Implementation Plan to refine the project opportunities within each PCA as well as identify any new PCA projects. On May 14, 2014 the STA Board was presented a request to add a BAC representative as well as an additional Agricultural Product Grower to the PCA Stakeholders Committee which was approved.

**Discussion:**

The request of an addition of a BAC representative comes per the request of the PCA Stakeholder Committee as conversations in initial meetings involved bicycle transportation needs. This representative will offer the perspective and understanding of bicyclists' needs. He or she will play an important role in discussing cooperation between the cyclists (especially in eastern Solano County) and the agriculture professionals.

**Fiscal Impact:**

None

**Recommendation:**

Appoint a BAC member to serve on the Priority Conservation Area (PCA) Conservation Area Partnership Advisory Committee.

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DATE: July 2, 2014  
TO: STA BAC  
FROM: Drew Hart, Associate Planner  
RE: 2014 Bicycle Project Tour Discussion

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**Background:**

In previous years, STA staff has organized a Bicycle Projects Tour for the Bicycle Advisory Committee (BAC) in order to familiarize new and veteran members with the status of countywide bicycle projects. More specifically, the aim of this tour is to visit a sites that these committees have influenced through funding recommendations so that they can see the fruits of their service. This includes: recently completed projects, in-progress- or soon-to-begin-project sites, or potential projects new to the BAC.

**Discussion**

STA staff has organized a 2014 Bicycle Projects Tour, scheduled for July 24, 2014 from 9am-4pm. Tour stops include:

- Benicia: Park Road—Benicia Bridge to Industrial Way
- Dixon: West B Undercrossing
- Fairfield: Fairfield to Vacaville Intercity Gap Closure
- Rio Vista: Trilogy to downtown Rio Vista potential bike path
- Suisun City: Driftwood Drive
- Vacaville: Ulatis Creek Bike Facilities
- Vallejo: Georgia Street
- Solano County: Vaca-Dixon Bike Route

The Bicycle Projects Tour will be in addition to the regularly scheduled BAC meeting. Based on prior years, the tour will likely last from 9am – 4pm.

**Fiscal Impact:**

None.

**Recommendation:**

Informational.

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DATE: July 2, 2014  
TO: STA BAC  
FROM: Sofia Recalde, Associate Planner  
RE: Bay Trail Vine Trail Update

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**Background:**

Within the City of Vallejo, two regional trail systems, the San Francisco Bay Trail and the Napa Valley Vine Trail, share some common planned and built alignments that connect Napa and Solano Counties. On behalf of the City of Vallejo, the Solano Transportation Authority (STA) is leading collaboration with the Bay Trail and Vine Trail to develop a feasibility study and preliminary engineering to deliver both the Bay Trail and Vine Trail segments within City of Vallejo. The feasibility study will determine the scope of the gap closure project and costs involved with constructing a bicycle and pedestrian path that is consistent with the Bay Trail and Vine Trail alignments.

The Bay Trail and the Vine Trail have each offered \$50,000 grants to support the pursuit of the document through a cooperative agreement. Together, a total of \$100,000 is available to complete the document. STA selected a consultant team led by Alta Planning + Associates and kicked off the study in April 2014.

**Discussion:**

On June 28, the STA hosted a walking and cycling tour of the study areas to review the alternate routes and discuss opportunities and challenges to implementing a trail or other pedestrian and bicycle facility. Over 20 people attended including Vallejo residents and agency representatives from the City of Vallejo, STA, San Francisco Bay Trail, Napa Valley Vine Trail and Napa County Transportation and Planning Agency.

The tour included 9 stops in the northern area where the Bay Trail and Vine Trail alignments terminate at the American Canyon-Vallejo border and 6 stops in the southern area between the White Slough Path and the bicycle and pedestrian facilities on Wilson Ave. Each stop included a description of the potential alignment and treatments, as well as a discussion about the challenges associated with constructing bicycle and pedestrian facilities through that location. Such challenges include: environmental constraints (climate change, wetlands); right of way challenges with property owners, Union Pacific Railroad, and Caltrans; difficult intersections; driveways; traversing the SR37/29 intersection; and connections to existing facilities. A more detailed verbal presentation of the tour and the input received will be provided at the BAC meeting.

**Recommendation:**

Informational.

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DATE: July 2, 2014  
TO: STA BAC  
FROM: Andrew Hart, Associate Planner  
RE: Air Quality Funding Update

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**Background:**

Solano County is divided between two air quality management districts: The Bay Area Air Quality Management District (BAAQMD) and the Yolo Solano Air Quality Management District (YSAQMD). Both offer funding aimed at cleaning the air through alternative modes of transportation and education.

The BAAQMD Transportation Fund for Clean Air (TFCA) 40% Program Manager Funds are administered by each Bay Area county Congestion Management Agency (CMA). STA is the CMA for Solano County and therefore administers the program for Solano County. Funding for the TFCA program is provided by a \$4 vehicle registration fee, with 60% of the funds generated applied toward the TFCA Regional Program and the remainder toward the county 40% Program Manager Program. The BAAQMD, in coordination with the CMA's, establishes TFCA policies for both programs annually. The estimated amount available for FY 2014-15 is \$294,709.

At the April 9, 2014 meeting, the STA Board approved \$235,000 for the Solano Napa Commuter Information Program. The remaining \$59,709 was approved for a call for projects.

The YSAQMD is also provided funds a \$4 vehicle registration surcharge. In addition, the YSAQMD receives funds from a special property tax (AB 8) generated from Solano County properties located in the YSAQMD. These are jointly referred to as YSAQMD Clean Air Funds. These funds have been programmed for purposes similar to the BAAQMD, as well as vehicle replacement, public education and outreach.

The YSAQMD and the STA created a screening committee to make recommendations on projects in Solano County. On Monday, May 12, 2014 this screening committee agreed on recommendations for expenditure of the \$442,080.

**Discussion:**

The call for projects for the remaining BAAQMD TFCA Program Manager Funds was open from April through the end of May. STA received no applications. Currently STA staff is considering options to allocate these funds to qualified projects.

The YSAQMD Clean Air Funds recommendations received approval from the YSAQMD Board of Directors on June 11, 2014. Noteworthy to the BAC, projects that received funding include the following:

- Putah Creek Road Safety Improvement Project—widening shoulders on Putah Creek Road offering a class II facility for cyclists.
- Vacaville Safe Routes to School Project—installation of sidewalks, traffic calming facilities, and improved bike/ped facilities near Foxboro Elementary and Vaca High School. Sharrows will be added to north West Street connecting Northwest Vacaville to the downtown and the Downtown Transit Center.

**Fiscal Impact:**

None at this time.

**Recommendation:**

Informational.



DATE: July 2, 2014  
TO: STA BAC  
FROM: Sofia Recalde, Associate Planner  
RE: Transportation Development Act (TDA) Article 3 Update

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**Background:**

Transportation Development Act (TDA) funding is generated by a 1/4 cent tax on retail sales collected in California's 58 counties. Two percent of the TDA funding generated, called TDA Article 3, is returned to each county from which it was generated for bicycle and pedestrian projects. The Metropolitan Transportation Commission (MTC) administers this funding for each of the nine Bay Area counties with assistance from each of the county Congestion Management Agencies (e.g. Solano Transportation Authority).

The Bicycle Advisory Committee (BAC) and Pedestrian Advisory Committee (PAC) make recommendations to the STA Board to allocate TDA Article 3 funding for bicycle and pedestrian projects. The BAC and PAC have developed bicycle and pedestrian priority projects lists to help guide funding decisions. These lists were developed through a collaborative effort between the BAC, PAC, STA staff, and the appropriate public works and planning staff from each jurisdiction and reflect the priority projects identified in the Countywide Bicycle Transportation Plan and the Countywide Pedestrian Transportation Plan. This creates a consistent foundation for the delivery and funding of projects in Solano County. An annual review of the projects lists are conducted to ensure that the lists are up to date as projects are completed and priorities change at the local level.

In 2013 and 2014, the STA Board approved the following recommendations from the BAC and PAC to allocate TDA Article 3 funds for the following bicycle and pedestrian projects:

- Rio Vista Waterfront Promenade: \$450K
- Dixon West B Street Bicycle and Pedestrian Undercrossing: \$250K
- Solano County Vaca-Dixon Bikeway (Phase 5): \$145K
- Suisun Depot Train Station Bicycle and Pedestrian Improvements: \$35K

As of July 2014, there is an estimated \$167K in TDA Article 3 funds available to STA and the cities and county of Solano for bicycle and pedestrian projects.

**Discussion:**

The following Tier 1 priority project sponsors have recently submitted grant applications for the Active Transportation Program (ATP), the new state funding program for bicycle and pedestrian projects and programs:

- Solano County Farm to Market (BAC and PAC)
- Suisun City Driftwood Drive (BAC)

- Vallejo Downtown Pedestrian Enhancements (PAC)

STA staff recommends that the BAC and PAC wait until after the ATP projects are selected (anticipated November 2014) before making additional TDA Article 3 allocations as it could impact a project sponsor's need for a local match. TDA Article 3 funds are often used as a local match for bicycle and pedestrian projects that receive federal funding. In addition, TDA Article 3 funds do not expire, so there is no risk of losing the funds if unused in this calendar or fiscal year. The BAC and PAC have "banked" TDA Article 3 funds in the past in order to support a larger project. Finally, TDA Article 3 estimates are released annually. Based on prior years, Solano County can expect to receive approximately \$300K for FY 15-16.

Once the ATP process is complete, STA staff will review priority projects and may initiate a prioritization process with the cities and county and BAC and PAC members if needed.

**Fiscal Impact:**

None.

**Recommendation:**

Informational.



DATE: July 2, 2014  
TO: STA BAC  
FROM: Sofia Recalde and Drew Hart, Associate Planner  
RE: Data Gathering—Bicycle/Pedestrian Counts and Safety Data

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**Background:**

Transportation planning requires understanding of actual conditions. This often involves determining characteristics of motor vehicles, bicyclists and pedestrians on a given facility by undertaking traffic counts. Similar to motor vehicle counts, counting cyclists and pedestrians at specific locations helps accurately measure the usage of and demand for bicycle and pedestrian facilities, as well as aid agencies in making facility design and investment decisions that support active transportation.

In 2010, the Metropolitan Transportation Commission (MTC) worked with the Congestion Management Agencies (e.g., Solano Transportation Authority) to conduct bicycle and pedestrian counts throughout the nine county Bay Area region. Attachment A illustrates the bicycle and pedestrian results of 10 intersections in Solano County and the change in usage from 2002 to 2010.

**Discussion:**

STA staff is researching existing methodologies for conducting bike/ped data counts and collecting collision data. This type of information would enrich STA's understanding of utilitarian and recreational cycling and pedestrian activity throughout the county and help guide the BAC, PAC and STA Board in making investment decisions that improve safety and access for active transportation users.

In addition, transportation funding programs are prioritizing and awarding funding to projects that utilize measurable data such as safety and usage data. The Active Transportation Program (ATP), the new state funding program for bicycle and pedestrian projects and programs, places a high value in applications that includes supporting use and safety data in the application review process. If projects can utilize such data to demonstrate the potential for improved safety and use, they will be more competitive for ATP funding.

STA is working with MTC, other CMAs, and local agencies to understand best practices for bike/ped count and safety data collection efforts. Benefits of observing what other agencies have previously done are discovering best practices. For example, MTC has adopted the counting practices from *The National Bicycle and Pedestrian Documentation Project*, which make recommendations for dates, time of day, time periods, and number of counts per location. Established structure and best practices from previous data collection projects can aid any future data collection efforts in Solano County.

Efforts made by STA staff at the present day include discussions with MTC staff on past data collection results, understanding collision data made available by the Transportation Information

Management System (TIMS) at UC Berkeley, and polling the city officials how more recent collision data can be obtained. STA staff will report any future updates on information and best practices.

Attachments:

- A. 2010 Solano County Bicycle and Pedestrian Counts

ATTACHMENT A

MTC ID #	Sheet	County	N/S:	E/W:	CITY	Bicycle Counts						Pedestrian Counts						
						FIRST 2 HOURS	TOTAL	SECOND 2 HOURS	TOTAL	Total Bike	Total 2002	Percent Change	FIRST 2 HOURS	TOTAL	SECOND 2 HOURS	TOTAL	Total Ped	Total 2002
SL02	135	Solano	N. 1ST STREET	VAUGHN ROAD	DIXON	12-2 PM	4	4-6 PM	4	8			12-2 PM	93	4-6 PM	163	256	
SL03	136	Solano	N. 1ST STREET	E. C STREET	DIXON	12-2 PM	21	4-6 PM	12	33	0		12-2 PM	77	4-6 PM	37	114	3
SL04	138	Solano	REDTOP ROAD	HWY 12 JAMESON CANYON ROAD	FAIRFIELD	12-2 PM	0	4-6 PM	2	2	0		12-2 PM	0	4-6 PM	1	1	1
SL05	137	Solano	N. TEXAS STREET	TRAVIS BOULEVARD	FAIRFILED	12-2 PM	15	4-6 PM	22	37	50	-26.0%	12-2 PM	93	4-6 PM	169	262	189
SL06	139	Solano	DOWNTOWN WATER FRONT	MAIN STREET	RIO VISTA	12-2 PM	1	4-6 PM	2	3	2	50.0%	12-2 PM	94	4-6 PM	25	119	28
SL07	140	Solano	MAIN STREET	LOTZ WAY	SUISUN CITY	12-2 PM	12	4-6 PM	12	24	4	500.0%	12-2 PM	91	4-6 PM	69	160	90
SL08	142	Solano	NUT TREE ROAD	ALAMO DRIVE	VACAVILLE	12-2 PM	13	4-6 PM	19	32	86	-62.8%	12-2 PM	55	4-6 PM	76	131	155
SL09	141	Solano	DOBBINS STREET	E MONTE VISTA AVENUE	VACAVILLE	12-2 PM	9	4-6 PM	8	17	84	-79.8%	12-2 PM	40	4-6 PM	37	77	234
SL10	144	Solano	COLUMBUS PARKWAY	ADMIRAL CALLAGHAN PARKWAY	VALLEJO	12-2 PM	4	4-6 PM	4	8	4	100.0%	12-2 PM	1	4-6 PM	2	3	2
SL11	143	Solano	WATERFRONT BIKE PATH	150' SOUTHWEST OF THE MARE ISLAND WAY & GEORGIA ST INTERSECTION	VALLEJO	12-2 PM	18	4-6 PM	28	46	0		12-2 PM	185	4-6 PM	297	482	187
				<b>Total</b>						<b>210</b>	<b>230</b>	-8.7%					<b>1605</b>	<b>889</b>

Bicycle Counts

Pedestrian Counts

MTC ID #	Sheet	County	N/S:	E/W:	CITY	Bicycle Counts						Pedestrian Counts						
						FIRST 2 HOURS	TOTAL	SECOND 2 HOURS	TOTAL	Total Bike	Total 2002	Percent Change	FIRST 2 HOURS	TOTAL	SECOND 2 HOURS	TOTAL	Total Ped	Total 2002
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SL08	142	Solano	NUT TREE ROAD	ALAMO DRIVE	VACAVILLE	12-2 PM	13	4-6 PM	19	32	86	-62.8%	12-2 PM	55	4-6 PM	76	131	155
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