



TECHNICAL ADVISORY COMMITTEE MEETING NOTICE & AGENDA

DATE & TIME: Thursday, November 16, 2017 • 9:00 AM – 11:00 PM
LOCATION: WCCTAC Offices • 6333 Potrero Ave. at San Pablo Avenue, El Cerrito, CA 94530
TRANSIT OPTIONS: Accessible by AC Transit #72, #72R, #72M & El Cerrito del Norte BART Station

1. CALL TO ORDER and SELF-INTRODUCTIONS

Estimated Time:* 9:00 am (5 minutes)

2. PUBLIC COMMENT

Estimated Time:* 9:05 am (5 minutes)

The public is welcome to address the TAC on any item that is not listed on the agenda. Please fill out a speaker card and hand it to staff. Please limit your comments to 3 minutes. Pursuant to provisions of the Brown Act, no action may be taken on a matter unless it is listed on the agenda, or unless certain emergency or special circumstances exist. The WCCTAC TAC may direct staff to investigate and/or schedule certain matters for consideration at a future TAC meeting.

3. CONSENT CALENDAR

Estimated Time:* 9:10 am (5 minutes)

A. Draft 2018 WCCTAC Meeting Calendar

Recommendation: Forward a recommendation of approval to the WCCTAC Board.

Attachment: Yes.

B. Minutes & Sign in Sheet from October 12, 2017

Recommendation: Approve as presented.

Attachment: Yes.

4. REGULAR AGENDA ITEMS

A. Interstate 80 Paving Rehabilitation project

Description: Caltrans has initiated a project to grind and repave Interstate 80, including ramps, in Contra Costa County between the Alameda County line and S.R. 4. The project is expected to be completed in June 2018. Caltrans staff will provide a brief review of the project, a current update, and schedule information.

Recommendation: Receive update.

Attachment: No.

El Cerrito

Hercules

Pinole

Richmond

San Pablo

Contra Costa
County

AC Transit

BART

WestCAT

Presenter/Lead Staff: Dina El-Nakhal, Caltrans

Estimated Time:* 9:15 am (15 minutes)

B. STMP Nexus Study Update: Review Preliminary Draft Projects for Consideration

Description: The consultants have reviewed existing regional and local planning documents to develop a preliminary list of draft projects for discussion about inclusion in the STMP Update. They prepared a memo explaining how the list was generated and are seeking input from the TAC on the projects listed, whether additional projects should be included and how many projects should be included on the draft list.

Recommendation: Receive presentation, discuss and provide input on preliminary draft project list.

Attachment: Yes: October 31, 2017 Memo from Fehr and Peers.

Presenter/Lead Staff: Julie Morgan and Francisco Martin, Fehr and Peers; Leah Greenblat, WCCTAC

Estimated Time:* 9:30 am (60 minutes)

C. Overview of Senate Bill 743

Description: SB 743 is new state legislation affecting how transportation analysis is done within CEQA documents; it removes Level of Service (LOS) or other measures of vehicle delay as an impact criteria, and instead requires analysis of a project's vehicle miles of travel (VMT). Agencies will face questions about how to set a threshold for what constitutes a significant VMT impact in their jurisdictions, and what methods to use to calculate VMT. This presentation will give information about how the legislation is being implemented, what methods exist for VMT analysis, and what lead agencies should be thinking about now.

Recommendation: Information only.

Attachment: No.

Presenter/Lead Staff: Julie Morgan, Fehr and Peers

Estimated Time:* 10:30 am (30 minutes)

5. STANDING ITEMS

A. Technical Coordinating Committee (TCC) Report

Description: The TCC meeting is typically held the third Thursday of the month.

Recommendation: Receive update.

Attachment: No.

Presenter/Lead Staff: WCCTAC's TCC Representatives & WCCTAC Staff

Estimated Time:* 11:00 am (5 minutes)

B. Future Agenda Items

Description: This is an opportunity to identify future TAC agenda items.

Recommendation: Provide input, as appropriate.

Attachment: No

Presenter/Lead Staff: John Nemeth, Executive Director

Estimated Time:* 11:05 am (5 minutes)

6. **ADJOURNMENT**

Description / Recommendation: Adjourn to the next regularly scheduled meeting of the TAC on Thursday, January 11, 2018. (The next regular meeting of the WCCTAC Board is Friday, December 8, 2017.)

Estimated Time:* 11:10 pm

- In compliance with the Americans with Disabilities Act of 1990, if you need special assistance to participate in the WCCTAC TAC meeting, or if you need a copy of the agenda and/or agenda packet materials in an alternative format, please contact Valerie Jenkins at 510.210.5930 prior to the meeting.
 - If you have special transportation requirements and would like to attend the meeting, please call the phone number above at least 48 hours in advance to make arrangements.
 - Handouts provided at the meeting are available upon request and may also be viewed at WCCTAC's office.
 - Please refrain from wearing scented products to the meeting, as there may be attendees susceptible to environmental illnesses. Please also put cellular phones on silent mode during the meeting.
 - A meeting sign-in sheet will be circulated at the meeting. Sign-in is optional.
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DRAFT WCCTAC 2018 BOARD AND TAC MEETINGS

 WCCTAC Board Meeting - 8 A.M.

 WCCTAC TAC Meeting - 9 A.M.

	Sun	Mon	Tue	Wed	Thu	Fri	Sat
January	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
February	29	30	31	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
March	26	27	28	29	1	2	3
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	18	19	20	21	22	23	24
April	25	26	27	28	29	30	31
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May	22	23	24	25	26	27	28
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June	20	21	22	23	24	25	26
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	24	25	26	27	28	29	30

	Sun	Mon	Tue	Wed	Thu	Fri	Sat
July	1	2	3	4	5	6	7
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	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
August	29	30	31	1	2	3	4
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	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
September	26	27	28	29	30	31	1
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October	23	24	25	26	27	28	29
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November	21	22	23	24	25	26	27
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December	18	19	20	21	22	23	24
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WCCTAC TAC Meeting Minutes

El Cerrito

MEETING DATE: October 12, 2017

Hercules

MEMBERS PRESENT: Ronalyn Nonato, John Cunningham, Denee Evans, Robert Thompson, Nathan Landau, Winston Rhodes, Coire Reilly, Tamara Miller, Mike Roberts, Julia Schnell, Yvetteh Ortiz

Pinole

GUESTS: Bill Pinkham, Carolyn Clevenger, Stephanie Hu, Brad Beck, Patrick Gilster

STAFF PRESENT: John Nemeth, Leah Greenblat, Joanna Pallock

Richmond

ACTIONS LISTED BY: WCCTAC Staff

San Pablo

ITEM	ITEM/DISCUSSION	ACTION/SUMMARY
1.	Called to Order	9:07 a.m.
2.	Public Comment	None.
3.	Consent Calendar: a. Action Minutes and Sign-in Sheet from September 14, 2017	Moved by Schnell, seconded by Cunningham and unanimously adopted as amended to show Julia Schnell as present.
4.	San Pablo Avenue Multi-Modal Corridor Study Update	Carolyn Clevenger from ACTC discussed the scope of the Study. ACTC is the lead and WCCTAC is a partner since a portion of the study is in West County. The Study's first Technical Advisory Committee meeting will be in December.

Contra Costa County

AC Transit

BART

WestCAT

5.	SB 1: Review Guidelines for Local Streets and Roads Program	Stephanie Hu from CCTA reviewed the state's new guidelines to access SB1's local streets and roads funds. She requested that local jurisdictions copy her on email submittals to the state so that the CCTA can prepare a public listing of the projects.
6.	SB1's Sustainable Transportation Planning Grant: WCCTAC Application	Leah Greenblat explained that WCCTAC, with AC Transit and WestCAT, submitted a grant application to Caltrans' program seeking funds for an express bus implementation plan, based on the recommendations in the West County High Capacity Transit Study.
7.	I-80 ICM TAC: Check in	Leah Greenblat sought input on the effectiveness of Caltrans' TAC. WCCTAC TAC members noted that the signals were not yet optimized on the corridor and signal coordination was still needed for weekend and off peak periods. The TAC wanted the upcoming study measuring project effectiveness to include impacts on local traffic. It was suggested that WCCTAC check the MOU because it was thought to contain information on how mitigate of local impacts are to be addressed. The TAC wanted to invite David Man to an upcoming TAC meeting.
8.	September 29, 2017 Board Meeting Follow-up: I-80 Policy Subcommittee	John Nemeth updated the TAC on the Board's new subcommittee. He noted that the first meeting would likely be held within a few weeks and the Committee would focus on HOV lane and ICM issues. The TAC was interested in developing an effective strategy to influence Caltrans.

9.	Standing Items	<p>The TCC did not meet in October.</p> <p>The next TAC meeting falls on the week of Veteran's Day and some people have that Thursday off. WCCTAC will send a doodle poll to find out when people can meet.</p> <p>TDM Program Manager Danelle Carey is leaving for a new position in Washington D.C. The job announcement is posted on the WCCTAC website.</p>
<i>Due to a lack of a quorum, the TAC meeting officially concluded at this point.</i>		
10.	CCTA Countywide Pedestrian and Bike Plan Update	Brad Beck from CCTA and Patrick Gilster from Fehr and Peers presented the highlights from its white paper for the Countywide Bike and Pedestrian Plan Update.
11.	Adjourned	11:50 a.m.

Sign in Sheet for the WCCTAC Technical Advisory Committee Meeting

WCCTAC TAC	INITIALS	AGENCY	EMAIL	PHONE
Lori Reese Brown		Richmond	<u>Lori reese-brown@ci.richmond.ca.us</u>	510.620.6869
Yader Bermudez		Richmond	<u>Yader_berumudez@ci.richmond.ca.us</u>	510.774.6300
John Cunningham	JL	CCC CD	<u>John.cunningham@dcd.cccounty.us</u>	925.674.7833
Nikki Foletta		BART	<u>nfoletta@bart.gov</u>	925.256.4729
Deneé Evans	DE	Richmond	<u>Denee.evans@ci.richmond.ca.us</u>	510.621.1718
Barbara Hawkins / RONALYN NONATO	RN	City San Pablo	<u>Barbarah@sanpabloca.gov</u>	510.215.3061
Nathan Landau		AC Transit	<u>NLandau@actransit.org</u>	510.891.4792
Tamara Miller	TM	Pinole	<u>tmiller@ci.pinole.ca.us</u>	510.724.9010
Melanie Mintz		El Cerrito	<u>mmintz@ci.el-cerrito.ca.us</u>	510.215.4330
Yvetteh Ortiz	YO	El Cerrito	<u>yortiz@ci.el-cerrito.ca.us</u>	510.215.4345
Coire Reilly	CR	CCHS	<u>coire.reilly@hsd.cccounty.us</u>	925.313.6252
Winston Rhodes		Pinole	<u>wrhodes@ci.pinole.ca.us</u>	510.724.9832
Mike Roberts	MR	Hercules	<u>miker@ci.hercules.ca.us</u>	510.799.8241
Robert Sarmiento		CCC CD	<u>robert.sarmiento@dcd.cccounty.us</u>	925.674.7822
Julia Schnell	JS	WestCAT	<u>julia@westcat.org</u>	510.724.3331
Holly Smith		Hercules	<u>hsmyth@ci.hercules.ca.us</u>	510.245.6531
Steven Tam		Richmond	<u>steven_tam@ci.richmond.ca.us</u>	510.307.8091
Michael Tanner		BART	<u>mtanner@bart.gov</u>	
Robert Thompson		WestCAT	<u>rob@westcat.org</u>	510.724.3331
Ryan Greene-Roesel		BART	<u>rgreene@bart.gov</u>	510.287.4797
WCCTAC STAFF				
Danelle Carey		WCCTAC	<u>dcarey@wcctac.org</u>	510.210.5932
Leah Greenblat	LG	WCCTAC	<u>lgreenblath@wcctac.org</u>	510.210.5935
Valerie Jenkins		WCCTAC	<u>vjenkins@wcctac.org</u>	510.210.5931
John Nemeth	JN	WCCTAC	<u>jnemeth@wcctac.org</u>	510.210.5933
Joanna Pallock		WCCTAC	<u>jpallock@wcctac.org</u>	510.210.5934
CCTA STAFF				
Brad Beck	BB	CCTA	<u>bbeck@ccta.net</u>	925.256.4726
Peter Engel		CCTA	<u>pengel@ccta.net</u>	925.256.4741
Matt Kelly		CCTA	<u>mkelly@ccta.net</u>	925.256.4730
Hisham Noeimi		CCTA	<u>hnoeimi@ccta.net</u>	925.256.4731
Stephanie Hu	SH	CCTA	<u>stephanie.h@ccta.net</u>	925-256-4740
JURISDICTION AGENCY STAFF				
Charlie Anderson		WESTCAT	<u>charlie@westcat.org</u>	510.724.3331
Aleida Andrino-Chavez		Albany	<u>achavez@albanyca.org</u>	510.528.5759
Jim Cunradi		AC Transit	<u>jcunradi@actransit.org</u>	510.891.4841
Deidre Heitman		BART	<u>dheitma@bart.gov</u>	510.287.4796
Michelle Rodriguez		San Pablo	<u>micheller@sanpablo.gov</u>	510.215.3031
Robert Del Rosario		AC Transit	<u>rdelrosa@actransit.org</u>	510.891.4734
Rod Simpson		City San Pablo	<u>Rods@sanpablo.gov</u>	510.215.3036
Lina Velasco		Richmond	<u>lina_velasco@ci.richmond.ca.us</u>	510.620.6841
GUEST				
Dave Campbell		Bike East Bay	<u>dave@bikeeastbay.org</u>	510.701.5971
Bill Pinkham	BP	CBPAC Rep	<u>Bpinkham3@gmail.com</u>	510.734.8532
Rita Xavier		San Pablo Res.		

Carolyn Clevenger

ACTC

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TRAFFIC ADVISORY

Date: September 22, 2017
District: 4 - Oakland
Contact: Chiconda V Davis
Phone: (510) 286-1227

FOR IMMEDIATE RELEASE

LANE/RAMP CLOSURES INTERSTATE 80 EASTBOUND/WESTBOUND AT VARIOUS LOCATIONS IN RICHMOND SEPTEMBER 22, 2017 THROUGH NOVEMBER 2017

Richmond, Contra Costa County – The California Department of Transportation (Caltrans) will close the **on/off ramps at various location and Lanes #2, 3, 4, 5 at various times and locations intermittently**, on Interstate 80 (I-80) eastbound/westbound (EB/WB). EB ramps are closed intermittently from 10:00 PM until 6:00 AM. WB ramps are closed intermittently from 7:00 PM until 5:00 AM. Closures are required to conduct HMA digouts and paving preparations at on/off ramps between Hilltop Drive and Potrero Avenue. Follow detour signs posted for exit and reentry onto I-80.

Detailed detour information is as follows:

- **WB ramps are closed intermittently from 7:00 PM until 5:00 AM**
- **EB ramps are closed intermittently from 10:00 PM until 6:00 AM**
- **Lanes #2, 3, 4, and 5 are closed intermittently at various times and locations**
- **Follow detour signs posted for exit and reentry onto I-80**

More information about this project can be obtained at the following website:

http://www.dot.ca.gov/d4/projects_list.htm

Motorists should drive with caution through the work zone. Traffic fines are doubled in construction zones.

Get real-time traffic on Caltrans QuickMaps: <http://quickmap.dot.ca.gov/>. Follow us on Twitter: [@CaltransD4](https://twitter.com/CaltransD4). Caltrans appreciates your patience as we work to maintain California's highways. Please #BeWorkZoneAlert.

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DRAFT TECHNICAL MEMORANDUM

Date: October 31, 2017
To: Leah Greenblat and John Nemeth, WCCTAC
From: Francisco Martin and Julie Morgan, Fehr & Peers
Subject: **West County STMP Update: Preliminary Draft Projects for Consideration**

OK17-0177

The West Contra Costa Subregional Transportation Mitigation Program (STMP) is a development impact fee program that generates funds for regional and subregional transportation improvement projects. The STMP was first adopted in 1997, and an updated nexus study was prepared in 2005. The current effort is to update the program by completing a new nexus study; the following tasks have been reviewed by the West Contra Costa Transportation Advisory Committee (WCCTAC) Technical Advisory Committee (TAC) and completed to date:

- Conducted a review of the 2005 nexus study, current fee levels, and fee program administration and compared its methods to current professional best practices¹.
- Reviewed historical and projected housing and job growth in West County². The WCCTAC TAC recommended a 0.9 percent annual housing growth rate and 1.2 percent annual job growth assumption for use in the nexus study update during the September 14, 2017 TAC meeting.
- Developed a set of filtering criteria that can be applied to proposed transportation projects in West County to define STMP-eligible projects³. The criteria were accepted by the TAC during the September 14, 2017 meeting.

¹ The information is summarized in the technical memorandum titled *West County STMP Update: Review of Prior Nexus Study, Current Fee Levels, and Fee Program Administration* (Fehr & Peers, July 25, 2017).

² The information is summarized in the technical memorandum titled *West County STMP Update: Review of Growth Projections* (Fehr & Peers, August 21, 2017).

³ The information is summarized in the technical memorandum titled *West County STMP Update: Potential New Project List Criteria* (Fehr & Peers, September 5, 2017).



- Prepared an Existing Conditions summary of current transportation operations along Routes of Regional Significance, existing transit services, and existing pedestrian and bicycle infrastructure to identify existing deficiencies⁴.

An important element of a nexus study is to identify the capital improvement projects that will be eligible to receive funds from the fee program. This memorandum presents the current STMP projects, as well as a draft list of potential additional projects to be considered by the TAC. Note that the Mitigation Fee Act specifies that impact fees should be used to fund capital projects, and not for ongoing operating or maintenance costs; therefore, emphasis will be placed on defining a set of capital projects that achieve the regional goals of the STMP program.

PROJECT LIST CRITERIA

There are many transportation needs in West County, and many projects have been considered or are in various phases of planning. To define projects that are consistent with the regional emphasis of the STMP program, the following criteria were considered and accepted by the TAC during the September 14, 2017 meeting.

As a first step, all STMP-eligible projects must meet the following criterion:

- Does the project have a reasonable expectation of implementation during the timeframe of the fee program (i.e., year 2040)?

Then, a project should meet at least one of the following criteria to be eligible for STMP funding:

- Does the project address the impacts of congestion on regional travel?
- Is the project located on a Route of Regional Significance?
- Does the project improve access to BART stations, transit centers or major transit hubs?
- Does the project increase transit ridership?
- Does the project improve bicycle or pedestrian access to transit?

Although the focus of the STMP project list is to identify improvements that serve regional travel needs by reducing congestion or increasing accessibility along Routes of Regional Significance and

⁴ The information is summarized in the technical memorandum titled *West County STMP Update: Review of Existing Conditions* (Fehr & Peers, September 6, 2017).



major transit facilities, it is important to note that projects that are not directly located on such routes may also be considered. Specifically, projects along other roadways that could indirectly improve regional travel or the operations of Routes of Regional Significance may meet one or more of the above criteria, and thus be STMP-eligible.

CURRENT STMP PROJECT LIST

The current STMP provides funding for 11 projects that were the subject of the *2005 Update of the STMP* nexus study. These projects are varied, ranging from interchange improvements along Interstate 80 (I-80) and State Route 4 (SR 4), traffic/pedestrian/transit improvements along arterial corridors such as San Pablo Avenue and San Pablo Dam Road, parking and access improvements at transit stations (including BART and intermodal stations in Richmond and Hercules), and investments in completing the Bay Trail. The current STMP project list is presented in **Attachment A**. Note that one project, the Hercules Transit Center at the I-80/SR 4 interchange (ID #10), has been completed.

For reference purposes, the approved filtering criteria were applied to the current STMP project list. Most projects met at least one of the criteria, but two projects did not.

- The Bay Trail Gap Closure project (ID #6) does not appear to meet any of the criteria, unless it could be demonstrated that future development (housing and jobs) will occur within the vicinity of the Bay Trail and that the Trail would be used not only for recreational purposes but for significant amounts of non-recreational travel, which could thereby improve regional congestion.
- The North Richmond Connector project (ID #9) does not appear to meet any of the criteria, unless it could be demonstrated that its function would be to reduce demand and regional congestion on Richmond Parkway, a designated Route of Regional Significance.

As part of the current nexus study update, the TAC and Board may decide to continue to include some or all of the remaining STMP projects in the updated fee program.



OTHER STMP-ELIGIBLE PROJECTS

Fehr & Peers, in coordination with WCCTAC staff, developed a preliminary list of additional STMP-eligible projects that meet at least one of the approved filtering criteria. Stakeholders may consider these projects for inclusion in the nexus study update. The preliminary list is presented in **Attachment B** and was identified by reviewing a number of planning and environmental clearance documents addressing West County's existing and future transportation needs. Documents reviewed include:

- *Regional Measure 3 Expenditure Plan* (MTC, September 2017)
- *2017 Countywide Comprehensive Transportation Plan Public Review Draft* (CCTA, May 2017)
- *West Contra Costa High-Capacity Transit Study* (WCCTAC, May 2017)
- *2015 Update of the Contra Costa Congestion Management Program* (CCTA, December 2015)
- *2014 Comprehensive Transportation Project List* (CCTA, March 2015)
- *West County Action Plan for Routes of Regional Significance* (CCTA, January 2014)
- *West Contra Costa Transit Enhancement and Wayfinding Plan* (WCCTAC, October 2011)
- *2009 Contra Costa Countywide Bicycle and Pedestrian Plan* (CCTA, October 2009)
- Various planning and environmental documents completed in the past several years and available on agency websites, including the following:
 - *Final Hercules Safeway Project Transportation Impact Assessment* (City of Hercules, August 2017)
 - *Administrative Draft San Pablo City Hall Site Reuse Project Transportation Impact Assessment* (City of San Pablo, June 2017)
 - *San Pablo Avenue Complete Streets Study Feasibility Report* (Contra Costa County Public Works, April 2017)
 - *Administrative Draft West County Health Center – Transportation Impact Analysis* (Contra Costa County, April 2017)
 - *Draft CEQA Initial Study/Mitigated Negative Declaration Goodrick Avenue Bay Trail Gap Closure Project* (City of Richmond, January 2017)
 - *CVS/Pharmacy & Wireless Communication Facility Relocation Initial Study* (City of Pinole, October 2015)
 - *Bay Walk Mixed-Use Project Final Initial Study and Mitigated Negative Declaration* (City of Richmond, July 2015)
 - *Pinole Gateway Shopping Center Initial Study* (City of Pinole, January 2015)



- *San Pablo Avenue Specific Plan* (City of El Cerrito, December 2014)
- *Final Sycamore Crossing Transportation Assessment* (City of Hercules, November 2014)
- *Final Environmental Impact Report San Pablo Avenue Specific Plan* (City of El Cerrito, August 2014)
- *Richmond Central Project Initial Study Checklist Public Review Draft* (City of Richmond, April 2014)
- *Draft Environmental Impact Report Bottoms Property Residential Project* (City of Richmond, March 2014)
- *Final Report for the San Pablo Avenue Complete Streets Study* (Cities of Richmond and San Pablo, September 2013)

Fehr & Peers reviewed the documents listed above and identified an initial list of capital projects that were either located on a Route of Regional Significance or could indirectly improve operations on such Routes. This initial screening process identified more than 150 projects. Fehr & Peers then removed duplicative projects, consolidated projects that contained similar elements based on project descriptions, and applied the approved filtering criteria, thereby developing the preliminary draft list of 39 projects provided in Attachment B. At this stage, we are asking TAC members and other interested parties to review the draft list and provide feedback.

To inform the TAC's feedback, it is important to consider that the current STMP contains 11 projects. The STMP generated approximately \$8.6 million in revenue over the time period between 1998 and 2016, which represents less than 3% of the total estimated cost of those 11 projects. If there is interest in having the fee cover a greater percentage of project costs, the options to consider would be either to increase the amount of the fee and/or to reduce the number of projects included in the fee program. It is also important to note that the STMP is not limited to funding construction activities, but can be used to fund a variety of project elements, such as planning studies, environmental clearance, or design.

Regardless of the fee amount that is eventually adopted, it seems clear that the 39 projects shown in Attachment B will need to be winnowed down to a more manageable number before they are included in the updated STMP. Therefore, we would appreciate suggestions from the TAC regarding which projects from Attachment B they view as most important to include in the STMP.



NEXT STEPS

The information in this memo will be presented at the November 16 TAC meeting. We would appreciate TAC member input on the following questions:

- Are there projects on the current STMP list presented in Attachment A that should be removed from the program?
- Which of the projects presented in Attachment B should be considered for incorporation into the fee program?
- Has the project description changed on any of the projects listed in Attachments A or B?
- Are there other projects not already listed that meet the eligibility criteria and that you recommend be considered for inclusion in the nexus study update?

WCCTAC and Fehr & Peers will incorporate comments received at the November 16 TAC meeting and will prepare a refined draft project list that will be brought back to the TAC at their January meeting. After confirmation from the TAC, a draft project list will be presented to the Board for their review and direction. The final project list to include in the nexus study update will be finalized by March 2018.

Please contact Francisco Martin or Julie Morgan if you have any questions or comments.

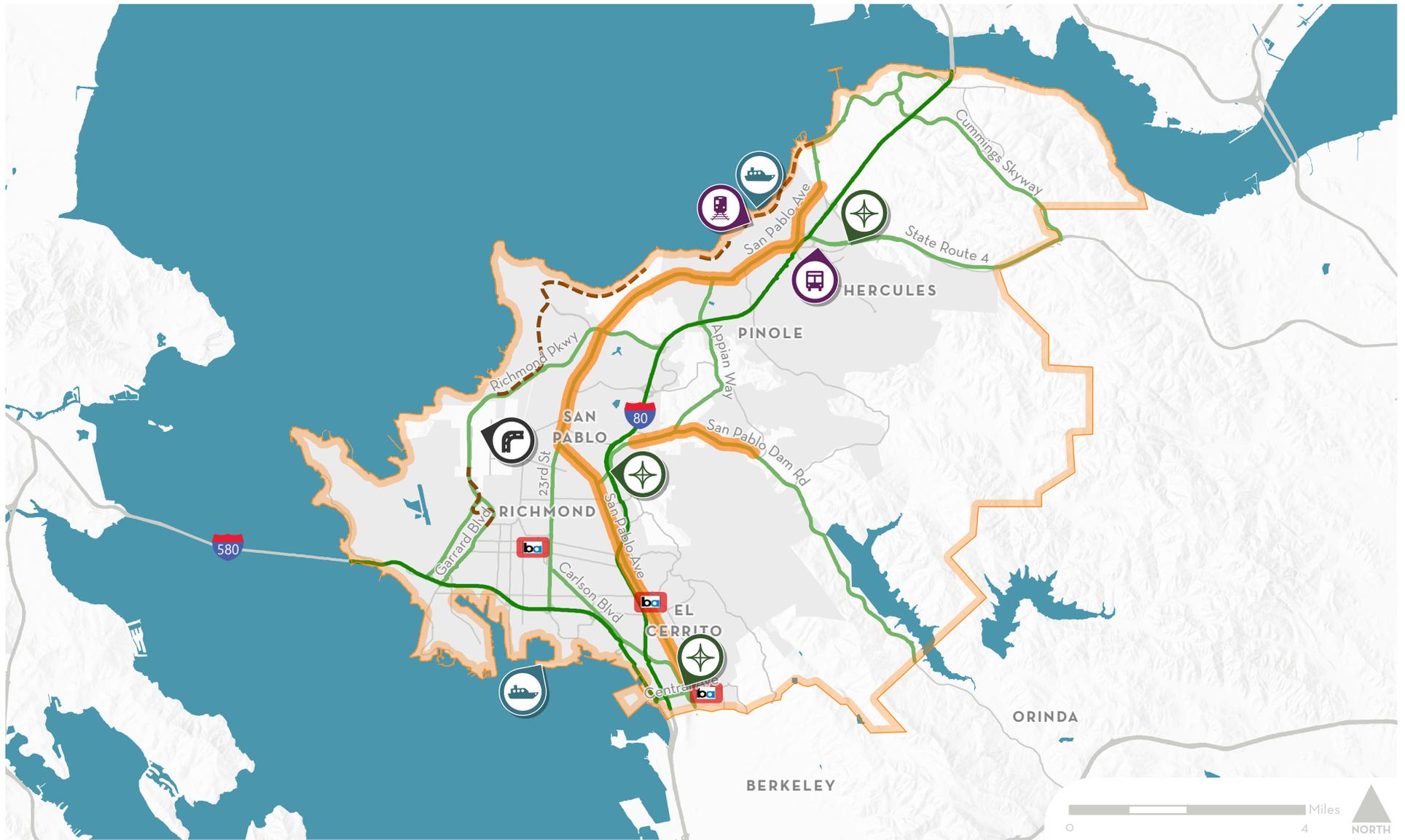
Attachments

Attachment A – Current West County STMP Project List and Status

Attachment B – Potential Additional West County STMP-Eligible Projects

Attachment A

**Current West County STMP Project List
and Status**



-  West County
-  City Limits
-  Freeway
-  Arterial
-  Interchange Improvements
-  Transit Center
-  New Train Station
-  Corridor Improvements
-  New Ferry Service
-  Local Street Extensions
-  Station Access, Capacity, and/or Intermodal Improvements
-  Bay Trail Gap Closure Improvements



Routes of Regional Significance

Current West County STMP Projects

Current West County STMP Project List and Status

ID	STMP Project List	Cost Estimate (2005 \$)	STMP Funding (2005 \$)	% Allocated to STMP	Status	Total STMP Fund Disbursements as of 12/31/16	Total STMP Funds Received for Administrative Costs	STMP Fund Balance as of 12/31/16	STMP Revenue Generated as of 12/31/16
1	Richmond Intermodal Station	\$ 36,000,000.00	\$ 15,000,000.00	41.67%	Partially Completed	\$ 223,116.36			
2	I-80/San Pablo Dam Road, I-80/Central Avenue, SR 4/Willow Avenue Interchange Improvements	\$ 39,207,000.00	\$ 14,280,000.00	36.42%	Partially Completed	\$ 2,800,435.39			
3	Capitol Corridor Improvements (Hercules Passenger Rail Station)	\$ 48,200,000.00	\$ 13,255,000.00	27.50%	Not Completed	\$ 896,513.75			
4	Ferry Service to SF from Richmond and/or Hercules/Rodeo	\$ 46,000,000.00	\$ 12,650,000.00	27.50%	Not Completed	\$ -			
5	BART Access and/or Parking Improvements (El Cerrito Plaza, El Cerrito Del Norte, and/or Richmond BART Stations)	\$ 92,100,000.00	\$ 25,330,000.00	27.50%	Partially Completed	\$ 631,970.06			
6	Bay Trail Gap Closure	\$ 5,490,000.00	\$ 1,510,000.00	27.50%	Partially Completed	\$ 487,365.06			
7	San Pablo Dam Road Improvements in Downtown El Sobrante	\$ 6,900,000.00	\$ 1,900,000.00	27.54%	Not Completed	\$ -			
8	San Pablo Avenue Corridor Improvements	\$ 6,000,000.00	\$ 1,650,000.00	27.50%	Not Completed	\$ -			
9	North Richmond Connection Project	\$ 7,950,000.00	\$ 4,000,000.00	50.31%	Not Completed	\$ -			
10	Hercules Transit Center	\$ 6,000,000.00	\$ 1,650,000.00	27.50%	Completed	\$ 304,963.13			
11	Del Norte Area TOD Public Infrastructure Improvements	\$ 25,000,000.00	\$ 6,875,000.00	27.50%	Not Completed	\$ -			
N/A	Alameda Congestion Management Agency					\$ 87,000.00			
Total		\$ 318,847,000.00	\$ 98,100,000.00	30.77%		\$ 5,431,363.75	\$ 50,000.00	\$ 3,117,000.00	\$ 8,598,363.75
								Revenue 1998-2004	\$ 2,942,031.00
								Revenue 2005-2016	\$ 5,656,332.75

Attachment B

**Potential Additional West County
STMP-Eligible Projects**

POTENTIAL ADDITIONAL STMP-ELIGIBLE PROJECTS

ID	Project	Project Description	Document Reference	Cost Estimate	Jurisdiction(s)	Comments
Transit and Station-Related Improvements						
1	I-80 Express Bus Service	Express Bus Service on I-80 from Hercules Transit Center south to Berkeley, Emeryville, and Oakland, with intermediate stops at the Richmond Parkway Transit Center and a potential I-80/Macdonald Avenue Express Bus/BRT transit center. Expansion of park-and-ride lots and freeway ramp improvements could occur in the medium to long-term. Freeway ramp improvements to make it easier for buses to move in and out of the HOV lanes in the center of the freeway, are proposed at the I-80/SR 4 interchange, on the north side of the I-80/Richmond Parkway interchange, and potentially the I-80/Macdonald Avenue interchange.	West County High-Capacity Transit Study (May 2017)	\$242,000,000	AC Transit, WestCAT, All West County Jurisdictions	
2	Hercules Regional Intermodal Transit Center	Complete RITC with new train stop for Capitol Corridor service.	West County High-Capacity Transit Study	\$68,600,000	Hercules	
3	BART Extension from Richmond Station to Hercules ¹	BART Extension from Richmond Station to Hercules along the UPRR right-of-way transitioning to 13th Avenue and Rumrill Boulevard before tunneling under Hilltop Mall then following the I-80 right-of-way to Hercules. The project may also consider a one stop extension to the City of San Pablo near Contra Costa Community College.	West County High-Capacity Transit Study	\$4,161,000,000	BART, Richmond, San Pablo, Pinole, Hercules	
4	San Pablo Avenue/Macdonald Avenue BRT	BRT on San Pablo Avenue approximating the existing 72R Rapid Bus route from downtown Oakland to the Richmond Parkway Transit Center and extending Rapid Bus from the Richmond Parkway Transit Center to the Hercules Transit Center. In the short-term, Rapid Bus Improvements could be extended to Richmond Parkway with service to Contra Costa College and Hilltop Mall and transit priority treatments introduced along the corridor. Extending Rapid Bus treatments north to the Hercules Transit Center and introducing bus-only lanes on San Pablo Avenue from El Cerrito del Norte north to 23rd Street could occur in the medium-term. Long-term improvements could include extending bus-only lanes on San Pablo Avenue to Richmond Parkway and Rapid Bus service to the Hercules RITC.	West County High-Capacity Transit Study	\$243,000,000	El Cerrito, Richmond, San Pablo, Caltrans	HCT indicated that BRT on Macdonald had less benefit, so that portion has been removed from this project description.

POTENTIAL ADDITIONAL STMP-ELIGIBLE PROJECTS

ID	Project	Project Description	Document Reference	Cost Estimate	Jurisdiction(s)	Comments
5	23rd Street BRT	23rd Street BRT from Richmond Ferry Terminal and UC Berkeley Richmond Field Station to Richmond BART/Capitol Corridor station, then continuing to Contra Costa College, with possible extension along San Pablo Avenue to Hilltop Mall and Hercules.	West County High-Capacity Transit Study	\$179,000,000	Richmond, San Pablo, Pinole, Hercules	
6	Richmond Parkway Transit Center - Transit Access Improvements	Consolidate WestCAT and AC Transit hubs at the Hilltop Mall	West County Transit Enhancement and Wayfinding Plan (Oct 2011)	< \$250,000	AC Transit, WestCAT, Richmond	Need more project description information.
7	I-80/Hilltop Drive Park & Ride Pedestrian Improvements	Park & Ride lot pedestrian enhancements at I-80/Hilltop Drive Intersection	West County Transit Enhancement and Wayfinding Plan	< \$250,000	Richmond, Caltrans	
8	Park-N-Ride Lots	Encourage development of new or expanded park-n-ride lots along freeway corridors and at major activity centers.	West County Action Plan for Routes of Regional Significance (January 2014)	N/A	All West County Jurisdictions, Caltrans	Need to identify overlap between this project and the I-80 Express Bus project.
9	BART Parking, Access, and Station Capacity Improvements	Additional parking, station access, capacity, safety and operational improvements at West County BART Stations.	Measure J Expenditure Plan (November 2004); West County Action Plan	\$41,000,000	BART, El Cerrito, Richmond	
10	Richmond BART Station TOD Transportation Improvements	Reconstruct east entrance to Richmond BART station, improve access to adjacent property for transit oriented development, construct pedestrian and bike streetscape improvement east to Richmond Civic Center on Nevin Avenue.	Countywide Transportation Plan (May 2017)	\$14,900,000	Richmond	
11	Transit Preferential Enhancements in Contra Costa County	Transit Preferential Enhancements on San Pablo Dam Road, McDonald, Cutting, 23rd, and other West County arterials, including signal improvements, new bus stops and bulbs	Countywide Transportation Plan	\$1,500,000	Richmond, San Pablo, County, AC Transit	
12	Implement New Transit Routes Throughout the WCCTAC Service Area	Extend service to previously underserved areas of the WCCTAC service area. Identify potential new routes and modify existing routes to better reflect demand within the system. For example, the Hercules Waterfront could be served with an extension of the JX, to create an additional loop between the Hercules Transit Center and the Waterfront area. An off-peak circulator service could be operated between the North Shore Business Park and the Sycamore Downtown to allow workers in the Park to access retail during the work day.	West County Transit Enhancement and Wayfinding Plan	\$2,100,000	AC Transit, WestCAT, Pinole, Hercules, County	Need more project description information, and input from AC Transit and WestCAT on consistency with their plans.
13	Bus Shelter Improvements	In partnership with AC Transit, add and upgrade bus shelters at key locations throughout Richmond, including real-time transit information and other amenities.	West County Transit Enhancement and Wayfinding Plan	\$250,000	AC Transit, Richmond	Potential for consolidation with project 10.

POTENTIAL ADDITIONAL STMP-ELIGIBLE PROJECTS

ID	Project	Project Description	Document Reference	Cost Estimate	Jurisdiction(s)	Comments
Freeway and Interchange Improvements						
14	I-80 Eastbound HOV lane extension, Cummings Skwy to Carquinez Bridge	Complete the eastbound HOV lane between the Cummings Skyway and Carquinez Bridge to provide a continuous eastbound HOV lane from the San Francisco-Oakland Bay Bridge to the Carquinez Bridge.	Countywide Transportation Plan	\$28,200,000	Caltrans	
15	SR-4 West Full Freeway Upgrade	Upgrade State Route 4 to full freeway from I-80 to Cummings Skyway (Phase 2)	Countywide Transportation Plan	\$68,700,000	Caltrans	During Measure X discussion, WCCTAC Board was no longer supportive of full freeway upgrade.
16	Richmond-San Rafael Bridge Access Improvements	Improve the westbound approach to the Richmond-San Rafael Bridge, including improvements to the I-580/Richmond Parkway interchange.	Regional Measure 3 Expenditure Plan (September 2017)	\$210,000,000	Richmond, Caltrans	
17	I-80/Cummings Skyway Interchange Improvements	Improve and modify interchange	West County Transit Enhancement and Wayfinding Plan	N/A	County, Caltrans	Need more project description information.
18	I-80/SR 4 Interchange Improvements	The project may include the following improvements: -Re-engineer freeway ramps at I-80/SR4: new I-80 EB off-ramp at Sycamore Avenue -Construct direct connectors between westbound Interstate 80 and eastbound State Route 4 -Add a second right-turn lane from northbound San Pablo Avenue to eastbound John Muir Parkway. Widen eastbound John Muir Parkway to four lanes from San Pablo Avenue to the SR 4 and I-80 ramps. This widened segment of John Muir Parkway would allow the two NB San Pablo Avenue right-turn lanes to have exclusive receiving lanes that serve the I-80 westbound on-ramp (would also require widening the I-80 westbound on-ramp from one to two lanes).	Countywide Transportation Plan, West County Transit Enhancement and Wayfinding Plan, Hercules New Town Center Environmental Impact Report	\$19,700,000	Hercules, Caltrans	
19	I-80/Pinole Valley Road Interchange Improvements	The project may include the following improvements: -Improve conditions for merging onto the I-80 mainline from the eastbound Pinole Valley Road on-ramp to address vehicles accelerating uphill after stopping at ramp meter. -Widen Pinole Valley Road ramps at I-80 to provide dedicated right turn lane on eastbound on-ramp and bus turnout/shelter on westbound on-ramp. -Pinole Valley Road/I-80 intersection crossing enhancements	Countywide Transportation Plan, West County Transit Enhancement and Wayfinding Plan	\$10,437,000	Pinole, Caltrans	
20	I-80/Fitzgerald Drive Intersection Reconfiguration	I-80/Fitzgerald Drive Interchange Improvements	West County Transit Enhancement and Wayfinding Plan	< \$250,000	Pinole, Caltrans	Need more project description information.
21	I-80/Blume Drive Intersection Crossing Enhancements	I-80/ Blume Drive Interchange Improvements	West County Transit Enhancement and Wayfinding Plan	< \$250,000	County, Caltrans	Need more project description information.

POTENTIAL ADDITIONAL STMP-ELIGIBLE PROJECTS

ID	Project	Project Description	Document Reference	Cost Estimate	Jurisdiction(s)	Comments
22	I-580/Harbour Way Interchange Improvements	I-580/Harbour Way Interchange Improvements	West County Transit Enhancement and Wayfinding Plan	\$250,000-\$1,000,000	Richmond, Caltrans	
23	I-580/Marina Bay Parkway Interchange Improvements	I-580/Marina Bay Parkway Interchange Improvements	West County Transit Enhancement and Wayfinding Plan	\$250,000-\$1,000,000	Richmond, Caltrans	
Complete Streets Projects						
24	San Pablo Avenue Complete Streets Project ²	Construct bike and pedestrian improvements from Rodeo to Crockett by reducing roadway from 4 lanes to 2 lanes.	Countywide Transportation Plan	\$13,000,000	County	Note that the STMP could include a general category for Complete Streets Projects on Routes of Regional Significance, rather than listing individual projects. Would need to set some generalized cost estimates.
25	Appian Way Complete Streets Project ²	Improve pedestrian and bike safety along Appian Way and create transportation corridor for all users.	Countywide Transportation Plan	\$22,200,000	Pinole	
26	San Pablo Avenue Complete Streets ²	Construct bicycle and pedestrian improvements along San Pablo Avenue between Rivers Street and Hilltop Drive	Countywide Transportation Plan	\$7,100,000	Richmond, San Pablo	
27	San Pablo Avenue Complete Streets, Rivers to Lowell ²	Construct complete streets improvements from Rivers Street in San Pablo to Lowell Avenue in Richmond. Includes bike, pedestrian and transit improvements.	Countywide Transportation Pla	\$13,100,000	San Pablo	
28	Rumrill Boulevard Corridor Complete Streets, Sanford to San Pablo Avenue ²	Construct Complete Streets Plan on Rumrill from Sanford to San Pablo Avenue	Countywide Transportation Plan	\$11,700,000	San Pablo	
29	San Pablo Avenue Cycle Track, Bicycle and Pedestrian Improvements ²	Implement Complete Streets improvements including directional Cycle Track and other bicycle, pedestrian and transit improvements in El Cerrito	Countywide Transportation Plan	\$7,800,000	El Cerrito, Caltrans	
Other Bicycle and Pedestrian-Focused Improvements						
30	San Pablo Avenue Boardwalk ²	San Pablo Avenue Class I Boardwalk between John Muir Parkway and Sycamore Avenue	West County Transit Enhancement and Wayfinding Plan	\$250,000-\$1,000,000	Hercules	
31	San Pablo Avenue Pedestrian Gap Closure	Complete bicycle/pedestrian connection on San Pablo Avenue over Santa Fe Railroad tracks by upgrading the existing bridge or constructing new dedicated bicycle/pedestrian bridge.	Countywide Transportation Plan	\$1,100,000	Pinole	
32	New Sidewalks on San Pablo Avenue and Robert Miller Drive	New sidewalk installation on San Pablo Avenue between River Street and Stanton Avenue, and on Robert Miller between San Pablo Avenue and Hilltop Drive, to improve pedestrian access to the Contra Costa College Transit Hub.	West County Transit Enhancement and Wayfinding Plan	> \$1,000,000	Richmond	

POTENTIAL ADDITIONAL STMP-ELIGIBLE PROJECTS

ID	Project	Project Description	Document Reference	Cost Estimate	Jurisdiction(s)	Comments
33	San Pablo Avenue and 23rd Street Sidewalk Enhancements	San Pablo Avenue/23rd Street sidewalk enhancements	West County Transit Enhancement and Wayfinding Plan	> \$1,000,000	San Pablo	Limits not specified.
34	Ohlone Greenway Improvements	Implement crossing, wayfinding, signing, lighting, safety and security, and landscaping improvements along Ohlone Greenway	Countywide Transportation Plan	\$2,900,000	El Cerrito	
Local Street and Intersection Improvements						
35	Cummings Skyway Truck Climbing Lane Extension	Extend truck climbing lane on eastbound Cummings Skyway to allow faster moving vehicles to safely pass slow moving trucks climbing existing 10% grade.	Countywide Transportation Plan	\$16,900,000	County	Limits not specified.
36	San Pablo Avenue/Alvarez Avenue Intersection Reconfiguration	San Pablo Avenue/Alvarez Avenue Intersection Reconfiguration	West County Transit Enhancement and Wayfinding Plan	< \$250,000	Pinole	Need more project description information.
37	Valley View Road Widening ³	Widen to 4 lanes between San Pablo Dam Road and Appian Way	West County Transit Enhancement and Wayfinding Plan	N/A	Richmond, County	
38	Richmond Parkway	Upgrade the Richmond Parkway to facilitate transfer of ownership to the California Department of Transportation, including potential intersection and interchange upgrades, and/or provide funds to maintain the roadway.	Measure J Expenditure Plan	\$16,000,000	Richmond	CCTA to confirm whether portions of this project have been completed.
39	San Pablo Avenue Intersection Realignment at 23rd Street and Road 20	San Pablo Avenue Intersection Realignment at 23rd Street and Road	Countywide Transportation Plan	\$4,900,000	San Pablo	Need more project description information.

Notes:

1. Timing of BART extension implementation may extend beyond 2040; however, the STMP could fund early planning and design tasks.
2. Complete Streets projects could improve transit, pedestrian and bicycling infrastructure that would result in increased usage of those modes, thus reducing vehicle volumes on Routes of Regional Significance.
3. Valley View Road is not a Route of Regional Significance; however, widening Valley View Road may reduce congestion on parallel segments of San Pablo Dam Road (which is a Route of Regional Significance).