

TRANSPLAN Technical Advisory Committee

30 Muir Road, Martinez, CA 94553

Participating entities: Cities of Antioch, Brentwood, Oakley and Pittsburg • Contra Costa County
Tri Delta Transit • 511 Contra Costa • Contra Costa Transportation Authority (CCTA) • Caltrans District 4 • BART
TRANSPLAN • State Route 4 Bypass Authority • East Contra Costa Regional Fee & Financing Authority (ECCRFFA)

Meeting Location:

Antioch City Hall, 3rd Floor Conference Room

Tuesday, September 19, 2017, 1:30 to 3:30 p.m.

AGENDA

*NOTE: The Technical Advisory Committee (“TAC”) agenda/packet is only distributed digitally, **no paper copies will be sent.** If you need a printed copy please contact TRANSPLAN staff.*

Action/Discussion Items (see attachments where noted [♦])

1:30 Item 1: Appointments to the Contra Costa Transportation Authority (“CCTA”) Technical Coordinating Committee (“TCC”). ♦ Page 2

2:00 Item 2: Measure J Strategic Plan Amendment. *The TRANSPLAN TAC will consider a request from the City of Oakley to authorize programming \$87,000 from Measure J Program 28d, “Subregional Transportation Needs – East County” for the Main Street Corridor Traffic Operations Improvements Project. City of Oakley staff will provide an update on the project*
♦ Page 4

2:30 Item 3: Measure J Strategic Plan Amendment. *The TRANSPLAN TAC will consider a request from CCTA to authorize programming \$150,000 from Measure J Program 10, “BART Parking, Access and Other Improvements – East County” for the Mokelumne Pedestrian/Bicycle Overcrossing. BART in partnership with CCTA will fund the design phase of the project. CCTA staff will provide an update of the project. ♦ (handouts)*

3:30 Item 4: Adjourn to Tuesday, October 17, 2017 at 1:30 p.m.

The TAC meets on the third Tuesday of each month, 1:30 p.m., third floor conference room at Antioch City Hall. The TAC serves the TRANSPLAN Committee, the East Contra Costa Regional Fee & Financing Authority, and the State Route 4 Bypass Authority.

Persons needing a disability-related accommodation should contact Jamar Stamps, TRANSPLAN staff person, at least 48 hours prior to the starting time of the meeting. Mr. Stamps can be reached at (925) 674-7832 or at jamar.stamps@dcd.cccounty.us.

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ITEM 1
TECHNICAL COORDINATING COMMITTEE APPOINTMENTS

TRANSPLAN COMMITTEE

EAST COUNTY TRANSPORTATION PLANNING

Antioch • Brentwood • Oakley • Pittsburg • Contra Costa County
30 Muir Road, Martinez, CA 94553

TO: TRANSPLAN Committee
FROM: TRANSPLAN TAC
DATE: October 12, 2017
SUBJECT: **Technical Coordinating Committee Appointments**

Recommendation

APPROVE TRANSPLAN TAC recommendation to appoint Steve Kersevan (Brentwood), Kevin Rohani (Oakley) and Paul Reinders (Pittsburg) to the Technical Coordinating Committee (“TCC”), with Lynne Filson (Antioch) as their alternates.

Background

The TCC provides advice on technical matters that come before the Contra Costa Transportation Authority (“CCTA”). The TCC also acts as the primary technical liaison between CCTA and the Regional Transportation Planning Committees. The TCC consists of 24 technical staff members appointed by:

- Each of the four sub-regional transportation planning committees (“RTPC”),
- Unincorporated Contra Costa County,
- One from each of the transit service providers (BART, AC Transit, Tri Delta and Westcat),
- The City-County Engineering Advisory Committee, and
- One ex-officio member each from Caltrans, Metropolitan Transportation Commission and the Bay Area Air Quality Management District.

Former TCC member Ahmed Abu-aly (Antioch) retired in August. Therefore, TRANSPLAN would need to update their representatives to the TCC. Once approved TRANSPLAN staff will forward the updated appointments to CCTA. The current 2-year terms for the TCC members is set to expire in March 2019.

The TAC unanimously selected the TCC representatives stated in the above recommendation at the September 19, 2017 TRANSPLAN TAC meeting.

cc: TRANSPLAN TAC

ITEM 2
MEASURE J STRATEGIC PLAN AMENDMENT (OAKLEY)

TRANSPLAN COMMITTEE

EAST COUNTY TRANSPORTATION PLANNING

Antioch • Brentwood • Oakley • Pittsburg • Contra Costa County
30 Muir Road, Martinez, CA 94553

TO: TRANSPLAN Committee
FROM: TRANSPLAN Technical Advisory Committee (“TAC”)
DATE: October 12, 2017
SUBJECT: Measure J Strategic Plan Amendment – Subregional Transportation Needs, East County

Recommendation

AUTHORIZE a Measure J Strategic Plan amendment to program \$87,000 from Measure J Program 28d, Subregional Transportation Needs – East County for the *Main Street Corridor Traffic Operations Improvements Project* (Oakley), as recommended by the TRANSPLAN Technical Advisory Committee.

Background

The City of Oakley is requesting the TRANSPLAN Committee authorize the Contra Costa Transportation Authority (“CCTA”) to approve an amendment to the Measure J Strategic Plan to program \$87,000 from Measure J Program 28d, Subregional Needs – East County for the *Main Street Corridor Traffic Operations Improvements Project* (“project”). Program 28d allows TRANSPLAN to propose programming these funds to any project or program identified in the Expenditure Plan or eligible under the provisions of the Local Transportation Authority and Improvement Act¹. Program 28d will have approximately \$3.8 million in funding available beginning Fiscal Year 2021/22. Given the relatively small amount of the request, funds can be advanced with nominal impact to expenditure plan cash flow.

The subject project was presented to the TRANSPLAN TAC on September 19, 2017. The TAC unanimously agreed to forward a recommendation of approval for the request to the TRANSPLAN Committee. The attachment provides a complete description of the proposed project.

att: Project Fact Sheet

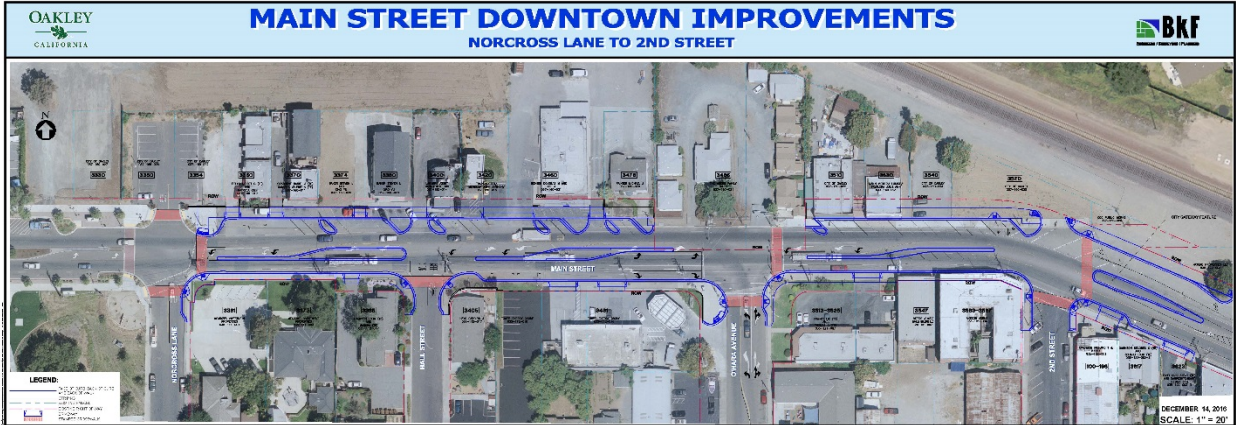
¹ Measure J Contra Costa Transportation Sales Tax Expenditure Plan (2004)

CCTA FUNDING REQUEST MAIN STREET CORRIDOR TRAFFIC OPERATIONS IMPROVEMENTS

CITY OF OAKLEY, CONTRA COSTA COUNTY

Main Street between Vintage Parkway and Second Street is the core of Downtown Oakley, which harbors several commercial retail and office establishments, the Civic Center, schools, and a new train platform station near the Main Street/O’Hara Avenue intersection. Currently, the Main Street corridor between Vintage Parkway and Second Street experiences heavy commute traffic throughout the day and especially during days of early school release.

The corridor is a two lane east-west bi-directional roadway within this area supporting approximately 22,000 vehicles during weekdays. Main Street is a major arterial within the City of Oakley with direct connection to Highway 160. During the peak traffic hours, the Main Street corridor between Vintage Parkway and Second Street experiences heavy congestion with long queues.



CURRENT EQUIPMENT STATUS

As a part of the Downtown Renovation Project, the intersection of Main Street/Norcross Lane will be signalized. The intersection of Main Street/ O’Hara Avenue and Main Street/Norcross Lane will be equipped with new ATC 2070 controllers, video detection, and advanced pedestrian push buttons at both locations. The corridor has new conduits in place for communication between the signalized intersections. However, there is no fiber communication line between the intersections and to City Hall. The intersection of Main Street/Vintage Parkway is currently a 170 controller and needs to be upgraded to match the two adjacent intersections within the Downtown Main Street system.

ISSUES/AREAS OF CONCERN

With the O'Hara Avenue and Norcross Lane intersections along Main Street being upgraded, there is a need for the Vintage Parkway intersection to be upgraded as well, as it is less than 1000 feet to the west of Norcross Lane.

Upon establishing up-to-date technologies supporting adaptive signal systems at the three intersections, the City aims at monitoring and controlling traffic using a **Central Management System** to adjust time-of-day plans as needed within this area, which experiences fluctuating multi-modal traffic patterns.

The City of Oakley has invested millions of dollars towards the improvements to the Downtown to promote the economic vitality of the community. This effort is the result of years of planning and development which involve several public/private partnerships that are instrumental towards the revitalization of Downtown Oakley. The Downtown corridor is expected to continue to grow and witness an increase in traffic volumes and congestion with wider peak periods necessitating the need for a more advanced technology to address the traffic needs. Having a functional **Central Management System** that can monitor traffic flows in downtown in real-time bases is critical to the success of the Downtown Oakley and its future. The City of Oakley is requesting \$87,000 from CCTA Measure J Subregional Needs – East County for the project. This fund is needed to installation of new fiber optic communication line to the City Hall building, connecting to the IT infrastructure, purchase and installation of the Central Traffic Management System, and upgrading the traffic signal controller to the new 2070 model.

ITEM 3
MEASURE J STRATEGIC PLAN AMENDMENT (CCTA)

Project State Route 4 Mokelumne Bike Trail/Pedestrian Overcrossing (portion of # 5002)
Sponsor Contra Costa Transportation Authority
Subregion East County

Scope

Construct a pedestrian and bicycle overcrossing near the Mokelumne Trail at SR 4. The overcrossing will include a multi-span bridge with columns in the SR 4 median. The bridge approaches will be constructed on earthen embankments. The path width is anticipated to be 12 feet wide.

Status

- The CEQA clearance is complete.
- The 65% design plans are complete.
- The current focus is to obtain approval of Caltrans Permit Engineering Evaluation Report (PEER).

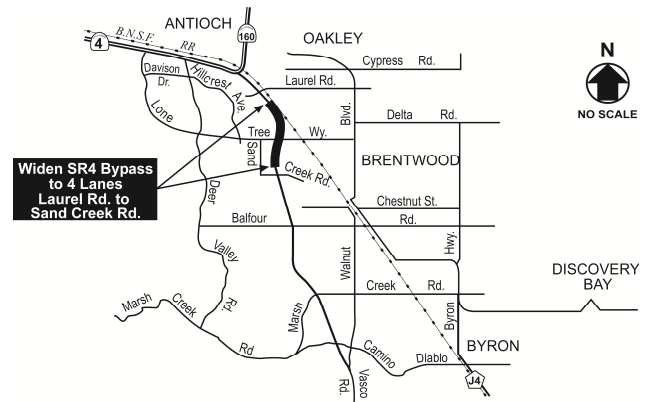
Issues/Areas of Concern

- Right-of-Way and construction funding for the project has not been identified yet.
- Project costs may escalate as schedule is impacted by funding shortfall.
- The NEPA clearance, if needed, may be problematic.
- BART announced that the recommended new station location for a future eBART extension should be at a location adjacent to the point of contact. The impacts of this decision will need to be considered.

Update from Previous Quarterly Report

- Project is on hold until additional funding is identified.

Location



Schedule

	<i>Dates</i>
Preliminary Studies/Planning	Complete
Environmental Clearance	Complete
Design	TBD
Right of Way and Utilities	TBD
Construction	TBD
Landscaping	—

Estimated Cost by Project Phase (\$ 000s)

	<i>Amount</i>
Project Management	—
Preliminary Studies/Planning	—
Environmental Clearance	—
Design	\$800
Right of Way and Utilities	1,175
Construction	4,925
Construction Management	—
Total	\$6,400

Funding by Source (\$ 000s)

	<i>Amount</i>
Measure J	\$522
TBD	5,878
Total	\$6,400

Project State Route 4 Mokelumne Bike Trail/Pedestrian Overcrossing (portion of # 5002) – continued

Major Project Contracts Managed by Authority

Contract No.	Amend No.	Open/ Closed	Agency/ Consultant	Description	Appropriated Amount	Billed to Date (4/30/17)	Estimate at Completion	Percent Billed	Percent Physically Complete
358	—	Open	Mark Thomas & Company, Inc.	PS&E	\$522,000	\$361,291	\$792,000	69.2%	72%