

# 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)

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## Meeting Location:

**Antioch City Hall, 3rd Floor Conference Room**

**Tuesday, September 15, 2015, 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: Fiscal Year 2016/17 511 Contra Costa Workplan and Budget:** *Staff seeks approval from the TRANSPLAN Committee for the Fiscal Year (“FY”) 2016/17 TRANSPAC/TRANSPLAN 511 Contra Costa Program Workplan with estimated funding/grant allocations from the Bay Area Air Quality Management District Transportation Fund for Clean Air and Contra Costa Transportation Authority Measure J. ♦ Page 2*

**2:30 Item 2: 2013 Measure J Strategic Plan Amendment:** *The Contra Costa Transportation Authority is requesting the TRANSPLAN Committee authorize an amendment to the 2013 Measure J Strategic Plan that would add the State Route 4 Integrated Corridor Management project to the Subregional Transportation Needs (East County) funding category at a cost of \$200,000 in Measure J funds. ♦ Page 6*

**3:30 Item 3: Adjourn to Tuesday, October 20, 2015 at 1:30 p.m.**

*The Technical Advisory Committee meets on the third Tuesday afternoon of each month, starting at 1:30 p.m. in the third floor conference room of the Antioch City Hall building. The Technical Advisory Committee 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](mailto:jamar.stamps@dcd.cccounty.us).*

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**ITEM 1**  
**FISCAL YEAR 2016/17 511 CONTRA COSTA WORKPLAN AND BUDGET**



**TO:           TRANSPLAN TAC**

**FROM:       Corinne Dutra-Roberts, 511 Contra Costa Deputy TDM Program Manager**

**DATE:       September 15, 2015**

**SUBJECT:   Staff will be seeking approval from TRANSPLAN for the FY 2016/17 TRANSPAC/TRANSPLAN 511 Contra Costa Program workplan outlined below, with estimated funding/grant allocations from the Bay Area Air Quality Management District (TFCA) and CCTA Measure J**

The Central/East County 511 Contra Costa staff implements programs that fulfill each jurisdiction's Transportation Demand Management ordinance, Growth Management Program and Action Plan requirements under Measure J. With legislation (AB 32 and SB 375) requiring greenhouse gas emission (GHG) reductions, the 511 Contra Costa programs have a proven success record with the Bay Area Air Quality Management District and the Metropolitan Transportation Commission in reducing vehicle miles traveled (VMT) and GHG emissions.

The Workplan for FY 2016/17 includes trip reduction and emissions reduction programs that focus on outreach to residents, students and commuters in Contra Costa. The program elements are refined and changed each year to ensure the maximum cost effectiveness, as determined by the Bay Area Air Quality Management District (BAAQMD).

Program elements include:

- **ACTION PLAN IMPLEMENTATION** - Both the TRANSPAC and TRANSPLAN Action Plans include actions and programs that are implemented by the Central/East County 511 Contra Costa Program.
- **YOUTH/SCHOOLS PROGRAMS AND PROJECTS** - Staff will seek ongoing funding to continue to work with local jurisdictions, school administrators, parents, CHP/police departments and others to expand the school-based programs to elementary, middle and high schools. The Street Smarts Diablo program includes bicycle/pedestrian education and encouragement; safety assemblies; Challenge Days to promote bicycling, walking, carpooling and transit ridership to schools;

school site assessments and minor site access safety programs. The SchoolPool program offers County Connection and Tri Delta passes to students at the beginning of the school year. Staff will seek funding to support the Summer Youth Pass and District V Youth Summit from available sources.

- **ELECTRIC CHARGING PROGRAM** - Provides mini grants and staff support to Central and East County jurisdictions for electric charging station installations. Staff will inform local staff of additional funding sources as they become available.
- **EMPLOYER OUTREACH** – Services include elements that reduce single occupant vehicles commuting to worksites, including: transportation survey analysis; car-sharing programs; clean fuel infrastructure; transportation/health fairs; shuttles; customized ridematch assistance; pre-tax transit benefit education and pledge programs to encourage commute alternatives. Staff will also continue to work with transit agencies on special promotions.
- **COMMUNITY OUTREACH PROGRAM** – Staff works with local jurisdictions to distribute more “green” transportation information and program elements through city newsletters, libraries and other city events to inform residents of ways to reduce Vehicle Miles Traveled (VMT) and GHG emissions.
- **BICYCLE/SKATEBOARD INFRASTRUCTURE** – Bicycle and skateboard parking infrastructure will be provided to local schools, jurisdictions, and employers as funds are available.
- **WEBSITE DEVELOPMENT AND MAINTENANCE** - The 511CC website continues to be a comprehensive one-stop location for Bay Area transportation information with an emphasis on Contra Costa transportation.
- **AGENCY PARTNERSHIP ACTIVITIES** - Staff participates in local, regional and national committees to ensure coordination, promotion and funding for TDM activities in Contra Costa County. These include: MTC’s Regional Rideshare TAC, BTWD TAC, MTC’s School and Youth Outreach TAC, CCTA Safe Routes to School Task Force, CCTA Bicycle/Pedestrian Advisory Committee.
- **ASSISTANCE WITH GRANT APPLICATION DEVELOPMENT** - Staff provides assistance to partner agencies for grant submittals.

Funding is expected to be similar to FY 2015/16. Available fund allocations are currently unknown, however funds are estimated to be approximately \$770,000+/- TFCA and \$431,000+/- Measure J Commute Alternative funds.

**ITEM 2**  
**2013 MEASURE J STRATEGIC PLAN AMENDMENT**

# TRANSPLAN COMMITTEE

## EAST COUNTY TRANSPORTATION PLANNING

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

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**TO:** TRANSPLAN Committee  
**FROM:** TRANSPLAN TAC  
**DATE:** October 8, 2015  
**SUBJECT:** 2013 Measure J Strategic Plan Amendment

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### BACKGROUND

The Contra Costa Transportation Authority (“CCTA”) received a \$200,000 Federal Highway Administration (“FHWA”) grant to study the concept of implementing Integrated Corridor Management (“ICM”) strategies on the State Route 4 (“SR-4”) corridor from Interstate 80 (West Contra Costa County) to the SR-4/SR-160 interchange (East Contra Costa County). More information about the proposed project is provided in the attached project fact sheet.

CCTA is requesting TRANSPLAN authorize an amendment to the 2013 Measure J Strategic Plan to utilize \$200,000 as matching funds from the East County Subregional Transportation Needs (28d) fund category<sup>1</sup>. Fund category 28d currently contains \$3.9 million for Fiscal Years (“FY”) 2020-2034. The requested funds would be advanced to FY 2017-18 leaving a balance of approximately \$3,685,000 in fund category 28d. Advancing these funds could also help leverage another \$10,750,000 in federal funds for potential future capital improvement phases of the SR-4 ICM project.

### RECOMMENDATION

AUTHORIZE Amendment 2015-01 to the 2013 East County Transportation Expenditure Plan.

att: SR-4 ICM Fact Sheet  
Excerpt from Measure J Expenditure Plan (28d)

<sup>1</sup> 28d Subregional Transportation Needs: TRANSPLAN will 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 Act.

**Fact Sheet**

**Project**      **State Route 4 Integrated Corridor Management**  
**Sponsor**      Contra Costa Transportation Authority

**Scope**

Use state-of-the-practice Intelligent Transportation System technologies to enhance the effectiveness of the existing transportation along State Route 4 between State Route 160 and Interstate 80. Project elements include the following:

- Integrated Corridor Management (ICM) with operational Decision Support System (DSS)
- Freeway Management System (FMS) with Adaptive ramp metering
- Active Traffic Management (ATM) with speed harmonization
- ICM to ICM integration
- Advanced Traveler Information Systems (ATIS) including transit information system
- Arterial Management Systems
- Connected Vehicle (CV) applications and technologies

**Status**

- Preparing Concepts of Operations.
- Awarded a FHWA Integrated Corridor Management Planning Grant.

**Issues/Areas of Concern**

- Must compete for \$6,000,000 Phase 2 grant.
- Must compete for \$4,750,000 CV Pilot Deployment grant.

**Update from Previous Quarterly Report**

- New Project.

**Location**



**Schedule**

	<i>Dates</i>
Preliminary Studies/Planning	2015-2016
Environmental Clearance	2016-2017
Design/System Engineering	2017-2018
Right of Way and Utilities	2018-2020
Construction/System Integration	2017-2020

\* PS&E and System Engineering effort will occur simultaneously.

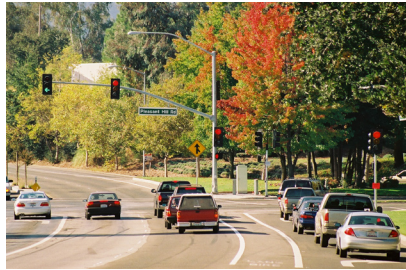
**Funding by Source (\$ 000s)**

	<i>Amount</i>
FHWA	\$200
Measure J	\$200
TBD	\$14,750
<b>Total</b>	<b>\$15,150</b>

# Measure J

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## CONTRA COSTA'S TRANSPORTATION SALES TAX EXPENDITURE PLAN



Adopted November 2, 2004, as amended  
through November 7, 2011



**EAST COUNTY (TRANSPLAN)**

24d Major Streets:Traffic Flow, Safety and Capacity Improvements.....0.9% (\$18.0 million)

Improvements to major thoroughfares including, but not limited to, installation of bike lanes, traffic signals, widening, traffic calming and pedestrian safety improvements, shoulders, curb and gutter, and bus transit facility enhancements such as bus turnouts and passenger amenities.

28d Subregional Transportation Needs.....0.19% (\$3.7 million)

TRANSPLAN will propose programming these funds to any project or program identified in the Expenditure Plan or eligible under the provisions of the Act.

**Other**

29 Administration..... 1% (\$20 million)

This category funds the salary and benefits costs of administrating the Measure C extension, consistent with program requirements.

**Program and Project Management**

The Transportation Expenditure Plan envisions building on the Authority’s practice of charging the costs of program and project management to the various plan categories, rather than identifying a separate category for such charges. Costs that will be covered include, but are not limited to, program management, consulting, financial advisory services, bond counsel, project management staff, and similar costs associated with managing the overall program, periodically preparing and adopting the Strategic Plan, and reviewing and processing invoices.