

# TRANSPLAN Technical Advisory Committee

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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## Special Meeting

**November 28, 2023 – 1:30 to 3:30 p.m.**

### Meeting Location:

**Antioch City Hall, Third Floor Conference Room  
200 H Street, Antioch, CA 94509**

### Virtual meeting call-in/log-in information:

<https://cccounty-us.zoom.us/j/83750580396>

### Or Telephone:

#### Dial:

**USA 214 765 0478 US Toll  
USA 888 278 0254 US Toll-free  
Conference code: 841892**

## 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 [♦])

**Item 1: Public Comment:** The public will have an opportunity to comment on items not on the agenda.

**Item 2: RECEIVE Update on Contra Costa Transportation Authority (CCTA) Transportation Demand Management (TDM) Program activities.** CCTA desires to implement a more robust and relevant TDM program. The new program, branded as TDM 2.0, is envisioned to have countywide implementation, aligns with the CCTA’s strategic position, and incorporates performance measures in Vehicles Miles Travelled (VMT) and emission reductions. CCTA is planning to develop a Strategic Plan to guide the update to its ongoing TDM program. CCTA staff seeks comments from TAC members on all aspects of the current TDM program, including program activities, project categories, funding levels, and program oversight. Staff also seeks input on the vision of TDM 2.0 and the TDM Strategic Plan objectives.

**Item 3: DISCUSS and RECOMMEND appointment of TRANSPLAN staff representatives to the CCTA Technical Coordinating Committee (TCC).**

**Item 4: REVIEW letter for support for Contra Costa County’s application to the Caltrans Sustainable Transportation Planning Grant Program and RECOMMEND that the TRANSPLAN Committee approve having the TRANSPLAN Chair sign the letter.**

**Item 5: Adjourn to Tuesday, December 19, 2023, at 1:30PM, or other date/time as deemed appropriate by the Committee.**

*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 Robert Sarmiento, TRANSPLAN staff person, at least 48 hours prior to the starting time of the meeting.*

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## *Bus Transit Coordinating Committee* **STAFF REPORT**

**Meeting Date:** October 02, 2023

<b>Subject</b>	<b>Travel Demand Management (TDM) Program Future Improvements</b>
<b>Summary of Issues</b>	<p>Transportation Demand Management is one of the strategic priorities of the Authority. The Authority desires to implement a more robust and relevant TDM program. The new program, branded as TDM 2.0, is envisioned to have countywide implementation, aligns with the Authority’s strategic position, and incorporates performance measures in Vehicles Miles Travelled (VMT) and emission reductions.</p> <p>The Authority is planning to develop a Strategic Plan to guide the update to its ongoing TDM program.</p>
<b>Recommendations</b>	Staff seeks comments on all aspects of the current TDM program, including program activities, project categories, funding levels, and program oversight. Staff also seeks input on the vision of TDM 2.0 and the TDM Strategic Plan objectives.
<b>Staff Contact</b>	Ying Smith
<b>Financial Implications</b>	None
<b>Options</b>	N/A
<b>Attachments</b>	<b>A.</b> Current TDM Program Activities
<b>Changes from Committee</b>	N/A

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## Background

### Introduction

Since the 1980's, Contra Costa County has been a leader in the development and implementation of TDM programs. In the early 1980's, the cities of Concord, San Ramon and Walnut Creek adopted local Trip Reduction Ordinances to reduce congestion brought on by major relocation of companies from San Francisco to the East Bay. Today the programs are known as "511 Contra Costa" (511CC). The programs are implemented countywide and are primarily intended to reduce VMT and greenhouse gas (GHG) emissions as part of the Contra Costa Growth Management Program (GMP), the Congestion Management Program and other legislative mandates (Assembly Bill 32 and Senate Bill (SB) 375).

All 19 cities and Contra Costa County are required to have a TDM ordinance or resolution, which includes a commitment to promote alternatives to the single occupant vehicle to reduce VMT. With oversight from the Regional Transportation Planning Committees (RTPC) and the Authority, 511CC has the responsibility to provide TDM programs on behalf of the twenty local jurisdictions.

Beginning with the Federal and California Clean Air Acts of 1990/1998; the 1990 Congestion Management legislation (Proposition 111); the Bay Area Air Quality Management District's (BAAQMD) Regulation 13, Rule 1 in 1992, and its rescission in 1995, TDM has flourished over the past two decades. VMT and GHG emission reduction statistics are exemplary in the 511CC programs.

With the passage of Measure C in 1988 and Measure J in 2004, the voters of Contra Costa County approved a countywide half cent transportation sales tax and established a GMP; 511CC provides essential support to Contra Costa County jurisdictions in the following areas:

1. Compliance with the TDM ordinance requirements of the Measure J GMP Compliance Checklist.
2. Implementation of TDM measures in the sub-regional Action Plans.
3. Fulfillment of the TDM priorities of each of the RTPCs, including Countywide and local TDM ordinances.

4. Implementation of cost-effective Transportation Fund for Clean Air (TFCA) programs to reduce GHG emissions.
5. Support and implementation of the TDM elements of the Sustainable Community Strategies of SB 375; and
6. Support employers, with 50 or more employees, to comply with the Bay Area Commuter Benefit Program (SB 1339), by offering commute incentives through the 511CC programs.

### **Current Program Description and Value**

The current TDM program includes many activities to promote alternatives to commuting in single-occupant vehicles, benefiting employers, municipalities, K-12 schools, colleges, commuters, and residents. Attachment A describes the program activities managed by the three offices: 1) the Authority, 2) Southwest Area Transportation Committee (SWAT), and 3) West Contra Costa Transportation Advisory Committee (WCCTAC).

The current program has value to Contra Costa County residents and commuters who use Contra Costa County roadways:

- **Reach:** The 511CC program newsletter is subscribed to by over 25,000 people.
- **Cost Effectiveness:** The current program meets BAAQMD cost effectiveness criteria annually. Even when considering TFCA plus Measure J funding that supports the program.
- **Popularity:** Many of the programs are well received by residents and elected officials in Contra Costa County. They often participate in events hosted by 511CC.
- **Diverse Participation:** The overall program benefits diverse participants, including youth, residents and workers who commute within Contra Costa County as well as neighboring counties.

### **Program Funding**

Funding for the TDM program comes from two main sources – TFCA and Measure J Program 17 – Commute Alternative funds. The program funds are allocated annually and are based on revenue generated by the State’s vehicle registration fees and by the local half-cent sales tax, respectively. The Authority is the oversight agency funding the Contra Costa County TDM program. To ensure funds are distributed equally across the county (geographic equity), a formula is used that considers population and jobs in each of the four county sub-regions.

The Authority annually approves TDM funds and the Fiscal Year 2023-24 funding allocation was approved by the Authority Board at its July 2023 meeting with the adoption of Resolution 23-18-G.

Table 1 – Current Program Funding

	MEASURE J PROGRAM 17	TFCA
<b>Policy/ Purpose</b>	Commute Alternatives: Provide and promote alternatives to commuting in single-occupant vehicles, including carpools, vanpools and transit.	<ul style="list-style-type: none"> <li>• GHG and criteria air pollutant reductions from mobile sources</li> <li>• TFCA County Program Manager Guidance</li> </ul>
<b>Eligible Projects and Programs</b>	Per the Transportation Expenditure Plan: “Eligible types of projects may include but are not limited to: parking facilities, carpooling, vanpooling, transit, bicycle and pedestrian facilities (including sidewalks, lockers, racks, etc.), Guaranteed Ride Home, congestion mitigation programs, SchoolPool, and clean fuel vehicle projects. Program and project recommendations shall be made by each subregion for consideration and funding by the Authority.”	<ul style="list-style-type: none"> <li>• Clean air vehicles and electric and hydrogen recharging stations: includes alternative fuel and plug-in hybrid-electric vehicles, scrapping old vehicles, and alternative fuel infrastructure</li> <li>• Ridesharing: includes shuttle, vanpool, carpool, transit, rail-bus, first- and last-mile connections, and smart growth projects</li> <li>• Bicycle Facilities</li> </ul>
<b>Current Fund Distribution</b>	Allocated by a formula that gives equal weight to population and jobs within the four sub-regions of Contra Costa County (Central, East, Southwest, and West).	

Each funding program has its own policy, purpose, and project eligibility requirements. Measure J Program 17 is more flexible. Projects need to be consistent with the program description and purpose. There is no established performance metric.

BAAQMD’s County Program Manager Fund Expenditure Plan [Guidance](#) provides program requirements and eligibility information. Projects funded by TFCA must meet the cost

effectiveness thresholds.

The TFCA funds are used to provide the countywide trip reduction incentives (transit, vanpool, carpool, guaranteed ride home, bicycle/pedestrian, etc) and the employer outreach programs unique to different county sub-regions based on corridors. TFCA fund use is linked to greenhouse gas and criteria air pollutant reductions from mobile sources by program. Depending on the program, some projects like signal timing and Electric Vehicle (EV) charging stations may have a positive effect on air quality but negative affect on VMT. Other projects such as trip reduction could have a positive effect on both. EV charging, while typically not a traditional TDM type program, is supported strongly by BAAQMD through the TFCA program because of its emission reduction benefits. The Authority has therefore incorporated it into its 511CC strategies.

### **Program Oversight**

The Authority retains program oversight for the Central and East County program through contracting program delivery to its current project management consultant, Advanced Mobility Group (AMG). SWAT and WCCTAC perform program delivery and oversight in the Southwest and West County sub-regions, respectively.

The Authority, SWAT, and WCCTAC are responsible for implementing the 511CC TDM programs and coordinating efforts to share the workload of countywide programs. Each sub-region also undertakes programming that is unique to the challenges their constituents face.

### **Objectives of Strategic Plan**

The Authority is planning to develop a Strategic Plan to update and guide its ongoing TDM program.

The COVID-19 pandemic and remote work have significantly altered commuting. In addition, recent laws, for example, SB 743, now require significant reductions in VMT, which are currently only partially captured in 511CC's reporting. The Authority is of the strong belief that its TDM strategy needs to be reviewed. The Authority believes 511CC will continue to play a significant role in implementing the TDM program and is interested in input in the following areas as an example. Consideration should be given to cost effectiveness, VMT and

GHG emissions reductions, serving equity populations, and application of technology:

- What other TDM strategies are relevant in today's commuting space that might be better delivered outside of the 511CC construct. Consideration should be given to all TFCA eligible programs and projects.
- Evaluation of the current TDM strategies as performed under the 511CC umbrella in today's commute space ... are these programs still cost effective? Do they effectively deliver VMT and GHG emission reductions? Do they sufficiently serve the equity communities? Is the current delivery model cost effective?
- Recommend a new TDM practice program (TDM 2.0) that will be the most relevant and effective as the Authority is moving forward with its new strategic priorities.
- Development performance measures for the continued evaluation of TDM 2.0.

The strategic plan will evaluate existing programs and services, the service delivery model, industry best practices for suburban TDM programs that have proven success, and emerging projects and programs from around the world that reduce VMT. The consultant will consider emerging innovative programs that have proven to reduce VMT and determine their applicability to Contra Costa County.

Staff seeks comments on all aspects of the current TDM program, including program activities, project categories, funding levels, and program oversight. Staff also seeks input on the vision of TDM 2.0 and the TDM Strategic Plan objectives.



## Attachment A Current TDM Program Activities

<b>Countywide Programs</b>		
<i>Implemented and funded by a single regional office as the host of the countywide program</i>		
<b>Program</b>	<b>Implemented</b>	<b>Funded</b>
Countywide 511 Contra Costa Brand - website, social media, eNewsletter	CCTA	CCTA
Drive Less Incentive	CCTA	CCTA
Winter Walk Challenge	CCTA	CCTA
Discover & Go	CCTA	CCTA
SchoolPool Youth Carpool	CCTA	CCTA
Vanpool Driver & Rider Incentives	SWAT	SWAT
Guaranteed Ride Home - Commuter & College	WCCTAC	WCCTAC
Secure Your Cycle	WCCTAC	WCCTAC
Try Transit - Commuter & College	WCCTAC	WCCTAC
<b>Countywide Programs</b>		
<i>Implemented by a single regional office, funded regionally based on participant</i>		
<b>Program</b>	<b>Implemented</b>	<b>Funded</b>
Summer Bike Challenge	CCTA	CCTA/SWAT/WCCTAC
Summer Youth Pass	CCTA	CCTA/SWAT/WCCTAC
Pass2Class Free Student Transit	CCTA	CCTA/SWAT/WCCTAC
E-bike Rebates	CCTA	CCTA/SWAT/WCCTAC
Bike to Work Day	Rotates Annually	CCTA/SWAT/WCCTAC
BOGO/Take 10 Free Transit Rides	CCTA/WCCTAC	CCTA/WCCTAC
<b>Sub-Regional Programs</b>		
<i>Implemented and funded independently by regional offices</i>		
<b>Program</b>	<b>Implemented</b>	<b>Funded</b>
Street Smarts Diablo Youth bike-ped safety	CCTA	CCTA
Lamorinda and TRAFFIX School Bus Program	SWAT	SWAT
Personalized Commute Planning	CCTA/SWAT/WCCTAC	CCTA/SWAT/WCCTAC
Bike Locker and Rack Program	CCTA/SWAT/WCCTAC	CCTA/SWAT/WCCTAC
Employer Outreach Program & Green Business	CCTA/SWAT/WCCTAC	CCTA/SWAT/WCCTAC
Community Outreach Programs	CCTA/SWAT/WCCTAC	CCTA/SWAT/WCCTAC
Electric Vehicle Charging Infrastructure	CCTA/SWAT/WCCTAC	CCTA/SWAT/WCCTAC
Agency-Specific Transit Programs	CCTA/SWAT/WCCTAC	CCTA/SWAT/WCCTAC
Corridor specific rideshare programs	CCTA/SWAT/WCCTAC	CCTA/SWAT/WCCTAC

Notes:

CCTA: Contra Costa Transportation Authority

WCCTAC: West Contra Costa Transportation Advisory Committee

SWAT: Southwest Area Transportation Committee

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# TRANSPLAN COMMITTEE

## EAST COUNTY TRANSPORTATION PLANNING

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

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December 14, 2023

John Cunningham, Planner  
Department of Conservation and Development  
Contra Costa County  
30 Muir Road  
Martinez, CA 94533

### **RE: Caltrans Sustainable Transportation Planning Grant Program Application: Bay Point Enhanced Active Transportation Improvements Study**

Dear Mr. Cunningham:

On behalf of the TRANSPLAN Committee, we wish to express our enthusiastic support for the advancement of Contra Costa County's ("County") pursuit of grant funding from the Caltrans Sustainable Transportation Planning Grant Program to conduct the Bay Point Enhanced Active Transportation Improvements Study. The study will evaluate the implementation of bicycle and pedestrian improvements, including separated bicycle facilities and green infrastructure, on Willow Pass Road and Port Chicago Highway, along with the segment of McAvoy Road that connects to McAvoy Harbor and the Bay Point Regional Shoreline, in the Bay Point community.

We will look forward to the County's evaluation of critical infrastructure improvements to support multimodal travel in Bay Point in the study. The infrastructure will improve multimodal connectivity to several prominent destinations along the study corridor, including McAvoy Harbor, the Bay Point Regional Shoreline, Ambrose Park, Anuta Park, and the commercial corridor on Willow Pass Road, and in conjunction with planned active transportation improvements projects on Pacifica Avenue and Bailey Road, Rio Vista Elementary School, Shoreview Elementary School, Riverview Middle School, Bel Air Elementary School, and the Pittsburg/Bay Point BART Station. It will address the community's desire for streets to be safer and more multimodal. The study is consistent with a goal of the East County Action Plan to improve multimodal mobility and decrease single-occupant vehicle travel in East Contra Costa County. In addition to providing a friendlier environment for multimodal travel, the active transportation infrastructure to be evaluated will support the aesthetic character of the Willow Pass Road commercial corridor, resulting in enhanced urban design and quality of life.

We appreciate the County in its effort to enhance multimodal transportation in East Contra Costa County and strongly encourage Caltrans to support the County's study.

Sincerely,

Shanelle Scales-Preston, Chair  
TRANSPLAN Committee

# BAY POINT ENHANCED BICYCLE/PEDESTRIAN IMPROVEMENTS STUDY

## CONCEPT FOR ENHANCED BICYCLE FACILITIES TO IMPROVE BIKE/PED SAFETY: MCAVOY HARBOR TO CITY OF PITTSBURG



Railroad crossing at McAvoy Road, facing Port Chicago Highway



Port Chicago Highway, approaching the intersection with Willow Pass Road



Willow Pass Road

**Study Description:** Evaluate potential enhanced bicycle and pedestrian facilities, including Class IV separated bike lanes and green infrastructure, along Port Chicago Highway between McAvoy Harbor/Bay Point Regional Shoreline and Willow Pass Road and Willow Pass Road east to the border with the City of Pittsburg.

**Background:** Willow Pass Road acts as the main street along a commercial corridor in the Unincorporated community of Bay Point. The roadway is currently a four-lane road, transitioning to a two-lane road east of Bailey Road, with a center turn lane. It has Class II bicycle lanes and sidewalks.

Port Chicago Highway, another major roadway in Bay Point, runs north from Willow Pass Road through residential neighborhoods, in proximity to two schools, a public library, McAvoy Harbor, and the Bay Point Regional Shoreline. Railroad tracks separate McAvoy Harbor and the Bay Point Regional Shoreline from Port Chicago Highway. Segments of Port Chicago Highway are either two lanes or four lanes. The roadway has an incomplete network of Class II bicycle lanes and sidewalks.

Both roadways are part of the County's High-Injury Network, as identified in the County's *Vision Zero Report*.

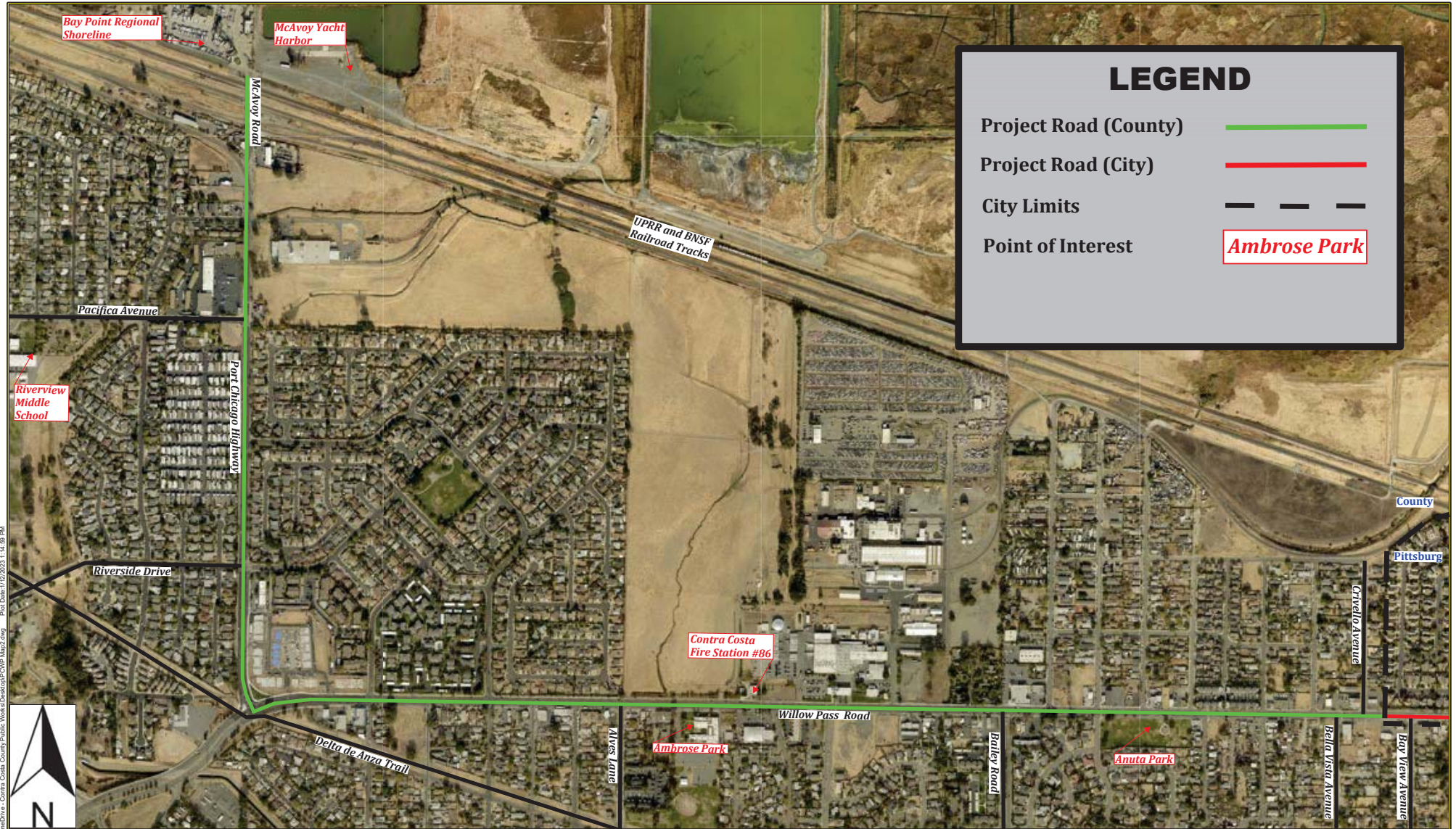
The Delta de Anza Trail, a major regional trail, crosses the intersection of Willow Pass Road and Port Chicago Highway.

Bay Point is classified as a Disadvantaged Community, due to a combination of disproportionate pollution exposure, health issues within the population, including asthma and heart disease, and socioeconomic factors, such as lower educational attainment and greater poverty and unemployment.

**Benefits:** The study will identify potential improvements that will increase roadway safety along the two corridors and encourage alternative travel modes to driving. The improvements will provide enhanced bicycle and pedestrian access to major neighborhood destinations: the Bay Point Regional Shoreline, McAvoy Harbor, Rio Vista Elementary School, Shoreview Elementary School, Riverview Middle School, the Bay Point Library, the main commercial strip and two parks (Ambrose Pak and Anuta Park) along Willow Pass Road, and Bel Air Elementary School and the Bay Point BART Station, both of which are located along Bailey Road within a half-mile from the study area. The improvements will close major gaps in the County's low-stress bicycle network, increase overall circulation for active transportation, increase mode share for active transportation in the County, which is a goal of the County's *Active Transportation Plan*, and address safety concerns on the County's High Injury Network in Bay Point. The improvements will alleviate some of the conditions that contribute to Bay Point's designation as a Disadvantaged Community and provide a benefit to Bay Point residents, particularly those who do not drive.

**Policies:** The study is consistent with several Contra Costa County and Contra Costa Transportation Authority (CCTA) planning documents that support active transportation in Bay Point. The County's *Active Transportation Plan* proposes Class IV bicycle facilities along both roadways and calls them out as near-term priority projects for further study and implementation. A priority project listed in the County's *Vision Zero Final Report* is the construction of separated bicycle lanes along Willow Pass Road. The inclusion of Class IV bicycle facilities will be consistent with the CCTA *Countywide Bicycle and Pedestrian Plan's* Low-Stress Network, which identifies proposed separated facilities on both roadways. Finally, the CCTA *Pittsburg/Bay Point Community-Based Transportation Plan* recommends that infrastructure be installed or upgraded along Willow Pass Road to improve the pedestrian and bicycle experience and safety.





### LEGEND

- Project Road (County) —
- Project Road (City) —
- City Limits
- Point of Interest *Ambrose Park*

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Contra Costa County  
 Public Works Department  
 255 Glacier Drive Martinez, CA 94553  
 PH: (925) 313-2000 FAX: (925) 313-2333

**Sustainable Transportation Planning Grant**  
**Port Chicago Highway / Willow Pass Road**  
**County Map**

DRAWN BY: RH	DATE: JAN 2023
CHECKED BY: CS	SHEET: 2 OF 3
CAD FILE: PCWP MAP2.DWG	

**SCALE:**  
**1" = 750'**