

MEETING THE TRANSPORTATION GOALS IN CONTRA COSTA COUNTY'S CLIMATE ACTION AND ADAPTATION PLAN

Presentation to the Sustainability Committee

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May 12, 2025

2024 Climate Action and Adaptation Plan

Transportation and buildings are key emissions sources we can influence.

Proportion of Greenhouse Gas Emissions, 2019

Sector	2019
Transportation	47%
Energy - Residential	19%
Energy - Nonresidential	9%
Solid waste	22%
Agriculture	4%
Off-road equipment	5%
Water and wastewater	Less than 1%
BART	Less than 1%
Land use and sequestration	-7%
Total Annual MTCO ₂ e	100%

Note: Total may not equal the sum of individual rows due to rounding.

Source: Updated 2024 CAAP

The CAAP Set Goals for Transportation

CAAP Strategy TR-1: ***Improve the viability*** of walking, biking, zero emission commuting, and using public transit for travel within, to, and from the county.

We'll do this by:

1. Building out a safe, accessible, countywide bike and pedestrian network and ensuring people use it; and
2. Ensuring public transit is safe, affordable, efficient, and accessible for all.

During the development of the 2045 General Plan and the CAAP, residents across the County asked for better access for bikes and pedestrians, and reduced collisions with vehicles that result in serious injuries or death.

KEY POLICY LEVERS FOR ACTIVE TRANSPORTATION

State Policy Drivers

Senate Bill (SB) 375

- Set stage for integrating transportation, land use, and housing decisions.
- Requires each Metropolitan Planning Organization to prepare a Sustainable Communities Strategy (SCS) with strategies that effort to meet California Air Resources Board's Greenhouse Gas Reduction targets.

2008

2013

Senate Bill (SB) 743

- Changed the way that transportation impacts are analyzed under California Environmental Quality Act (CEQA).
- Vehicle Miles Traveled (VMT) replaced automobile delay metrics (i.e. level of service or "LOS").



County Complete Streets Policy

"A complete street is a transportation facility that is planned, designed, operated, and maintained to provide safe mobility for all users, including bicyclists, pedestrians, transit vehicles, truckers, and motorists, appropriate to the function and context of the facility. Every complete street looks different, according to its context, community preferences, the types of road users, and their needs." - Caltrans Complete Streets Program

- April 2008, County General Plan amended to support the 'Complete Streets' philosophy
- September of 2008, the Governor signed the California Complete Streets Act (CS Act)
- July 2016, County Board of Supervisors adopted Resolution No. 2016/374, Complete Streets Policy of Contra Costa County

County Vision Zero Policy



February 2022, the County adopted the Vision Zero Final Report developed by the Public Works Department, the Department of Conservation and Development, and the Department of Health Services.

Vision Zero is a change in how we think about and approach fatalities and major injuries on our roadways.

Instead of accepting collisions that result in fatalities and serious injuries as inevitable, Vision Zero requires us to instead think of these collisions as preventable through a Safe System Approach.

A Safe System approach addresses the five elements of a safe transportation system through a shared responsibility and redundancy: safe road users, safe vehicles, safe speeds, safe roads, and post-crash care.



County Active Transportation Plan

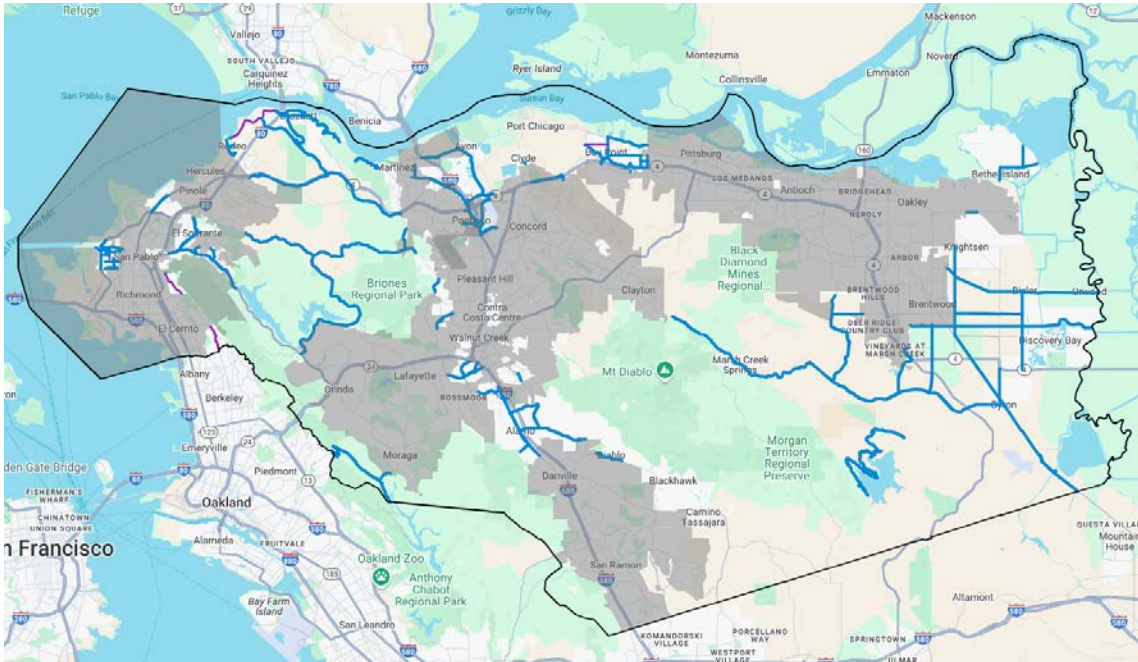


Contra Costa County's ATP is a roadmap to enhance active transportation safety and mode share for unincorporated areas by providing a comprehensive look at active transportation needs and opportunities and outlines investments in new bicycle facilities, upgraded crossings, enhanced trail connections, and improved walkways.

March 29, 2022, the County adopted the ATP, developed collaboratively between the Public Works Department and the Department of Conservation and Development.

ATP Guiding Principles:

- Prioritize active transportation investments based on factors such as collision history or systemic risk, location in an **impacted community**, location near key destinations, and funding opportunities.
- **Shift trip modes** by Contra Costa County residents and visitors from motor vehicles to active modes such as walking and biking to create a more sustainable community **and reduce greenhouse gas emissions**.
- Provide a vision for arterials and collectors within the unincorporated County roadway network to assist County departments in planning for private development, capital projects, and maintenance efforts.



County Complete Streets Projects

Fred Jackson Way, North Richmond



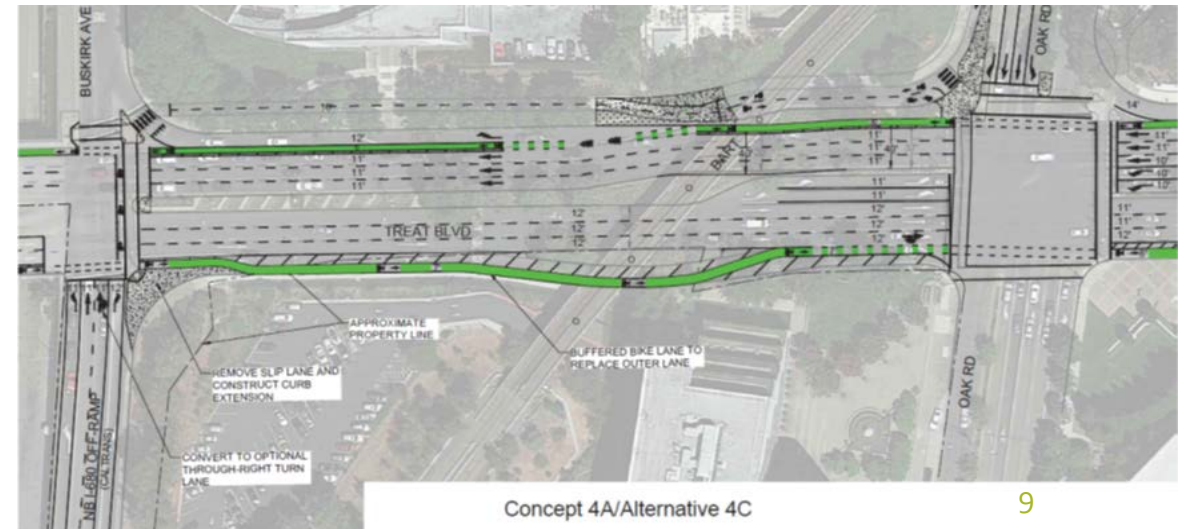
Bailey Road/SR-4 Interchange, Bay Point



Danville Boulevard, Alamo



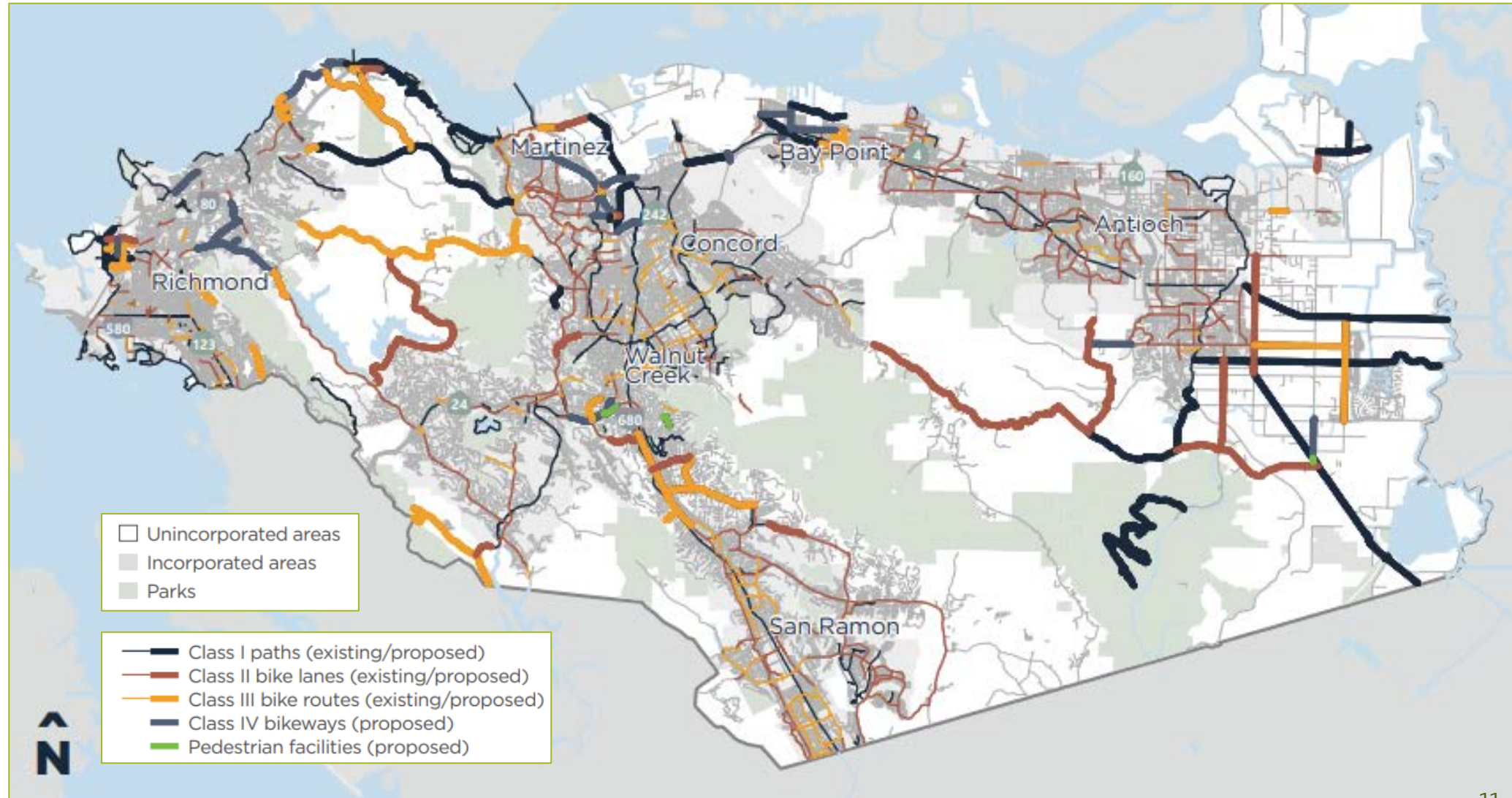
Treat Boulevard, Walnut Creek (planned)



Concept 4A/Alternative 4C

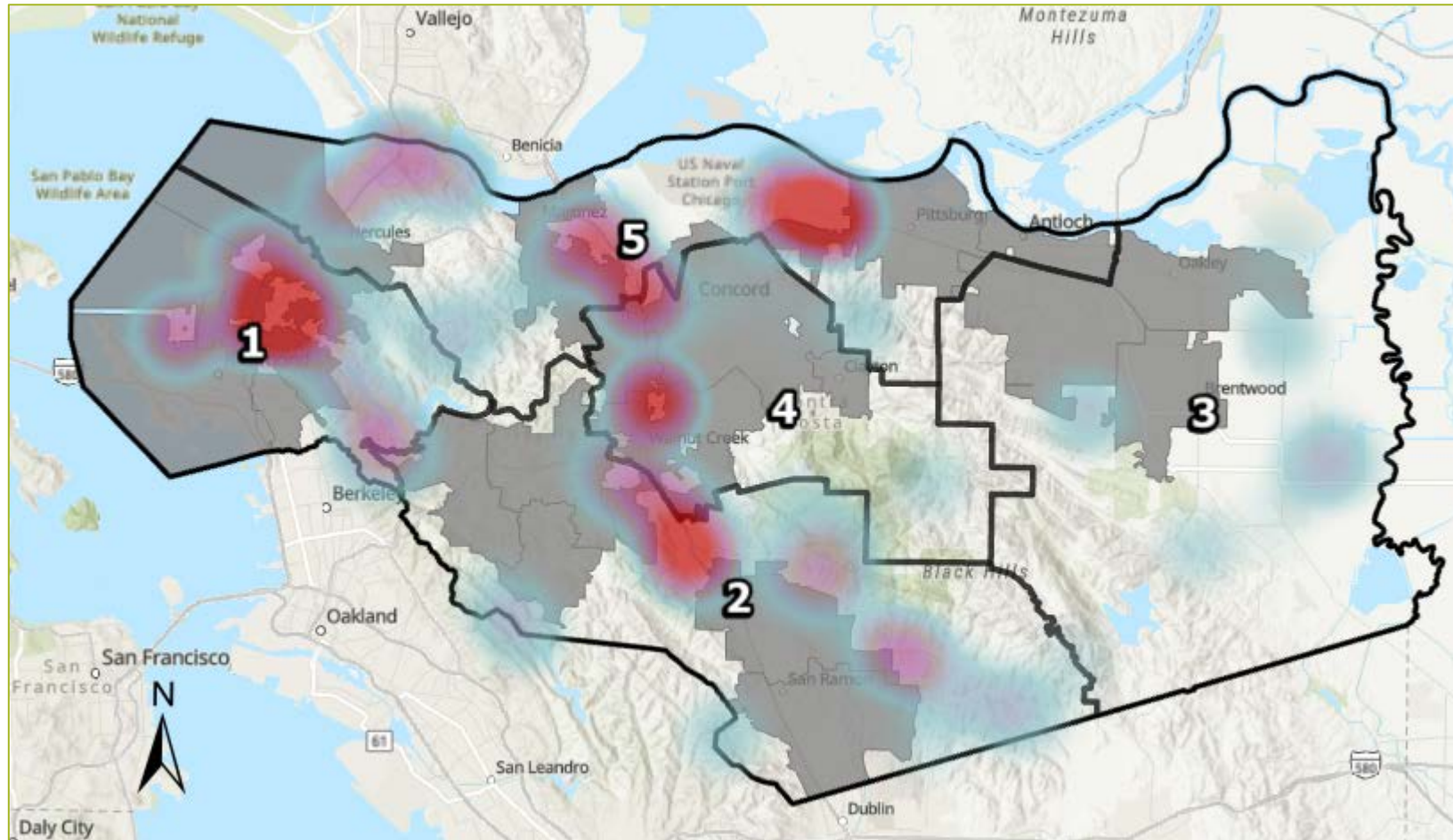
COUNTY ACTIVE TRANSPORTATION INFRASTRUCTURE

Current Bike/Ped Network



Source: Contra Costa County Active Transportation Plan, Figure 26

Bike/Pedestrian Collision History in Communities in Unincorporated County (2020 – 2024)



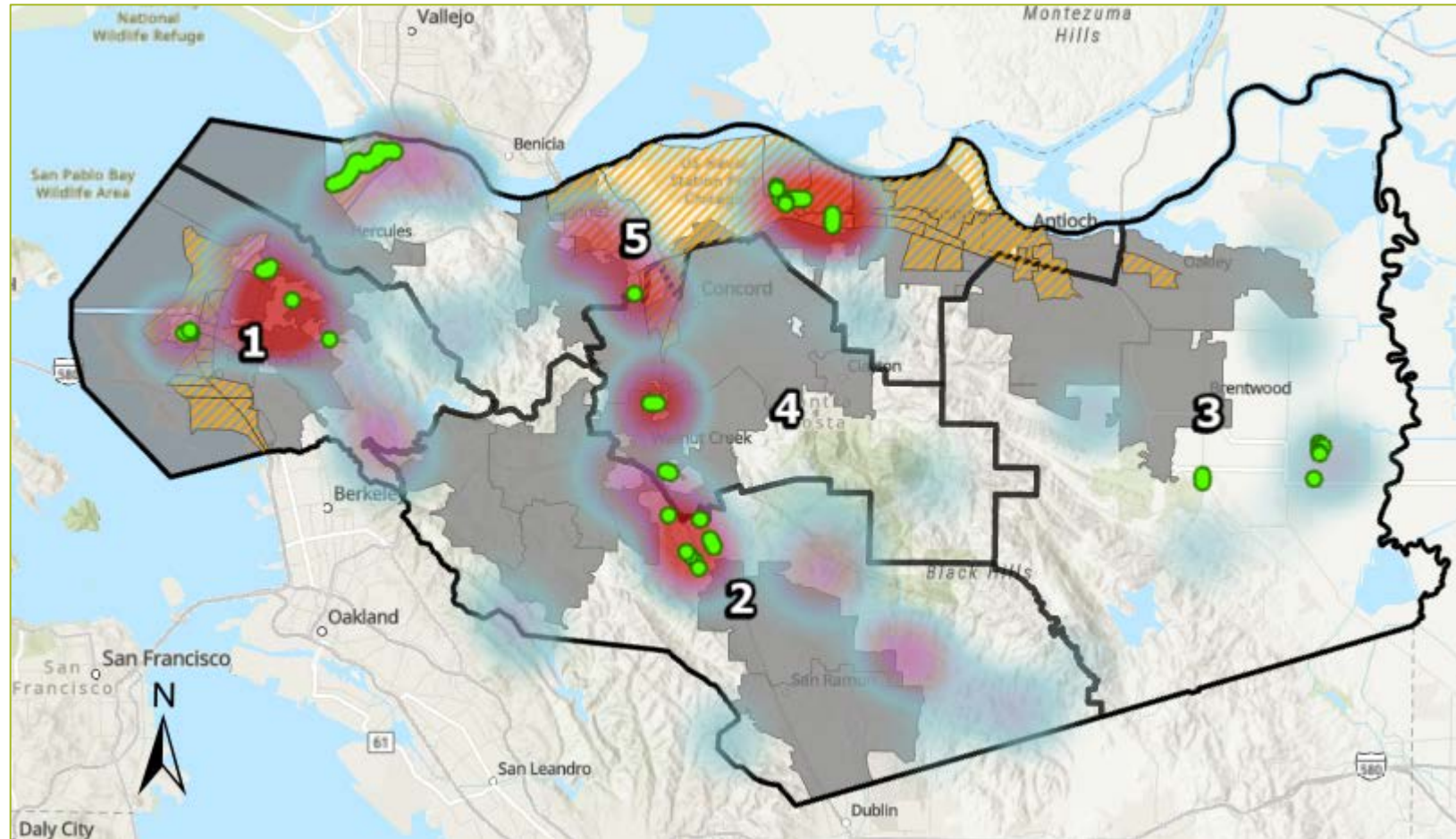
Bike & Ped Collisions Frequency/Severity



Low/Minor



High/Major

Grant Awards for Active Transportation Infrastructure*



 Awarded Grants
 SB 535 DAC

District	Award Summary
1	\$ 4,864,840
2	\$ 440,000
3	\$ 399,415
4	\$ 1,891,000
5	\$ 24,128,000
TOTAL	\$ 31,723,255

*Projects in Design/Construction
Grants awarded 2020 - 2024

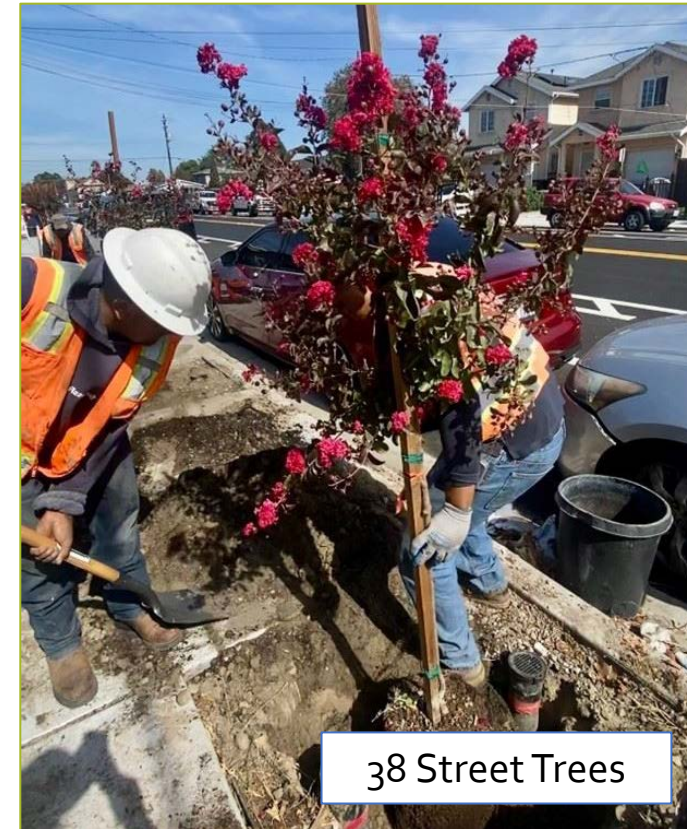
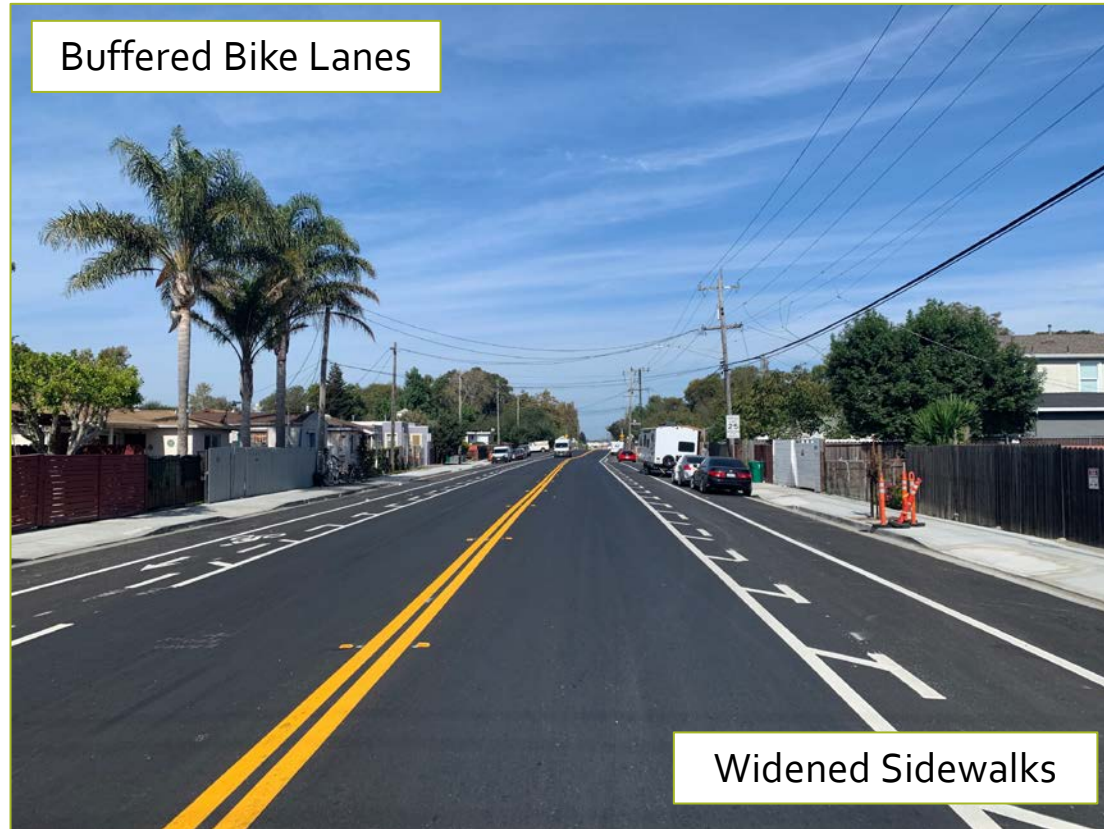
Active Transportation Projects and Awards

PROJECT	PROGRAM	DISTRICT					Community	Total Cost	Grant Award
		1	2	3	4	5			
San Pablo Avenue Complete Streets/Bay Trail Gap Closure	ATP, STMP, CDS					X	Rodeo/Crockett	\$14,200,000	\$12,717,000
North Bailey Road Active Transportation Corridor	ATP, SR2B					X	Bay Point	\$11,321,000	\$7,059,000
Verde K-8 Safe Routes to School	ATP	X					North Richmond	\$5,522,000	\$4,360,000
Pacifica Avenue Safe Routes to School Project	ATP					X	Bay Point	\$4,342,000	\$3,902,000
Treat Blvd Corridor Improvements	STIP, HSIP				X		Contra Costa Centre	\$5,106,300	\$1,946,000
Central County Crosswalk Improvements	HSIP		X			X	Alamo, Pacheco	\$629,400	\$350,000
Appian Way at Fran Way Pedestrian Crossing Enhancements	HSIP, TDA	X					El Sobrante	\$510,800	\$349,840
Walnut Boulevard Bike Safety Improvements	HSIP			X			Brentwood	\$1,150,000	\$249,415
San Miguel Drive Pedestrian Path	TDA				X		Walnut Creek	\$1,416,000	\$120,000
Bixler Road and Regatta Drive Intersection Improvements	TDA			X			Discovery Bay	\$228,000	\$100,000
Livorna Road Shoulder Widening	TDA		X				Alamo	\$160,000	\$100,000
Driftwood Drive and Mariners Cove Drive Pedestrian Improvements	TDA					X	Bay Point	\$232,000	\$100,000
Iron Horse Trail Crossing Enhancements in Alamo	TDA		X				Alamo	\$276,000	\$90,000
Tara Hills Curb Ramps on Shawn Drive	TDA	X					Tara Hills	\$310,000	\$80,000
Olinda Road Crosswalk Improvements Project	TDA	X					El Sobrante	\$385,000	\$75,000
Miranda Avenue Safe Routes to School Project	TDA		X				Alamo	\$888,000	\$75,000
Timber Point Crosswalk Improvements Project	TDA			X			Discovery Bay	\$324,000	\$50,000

ATP = Active Transportation Program; HSIP = Highway Safety Improvement Program; TDA = Transportation Development Act; SR2B = Safe Routes to BART; STIP = State Transportation Improvement Program; STMP = Sub-Regional Transportation Mitigation Program; CDS = Congressionally Directed Spending

Project Example – Constructed 2021

Fred Jackson Way First Mile/Last Mile Connection



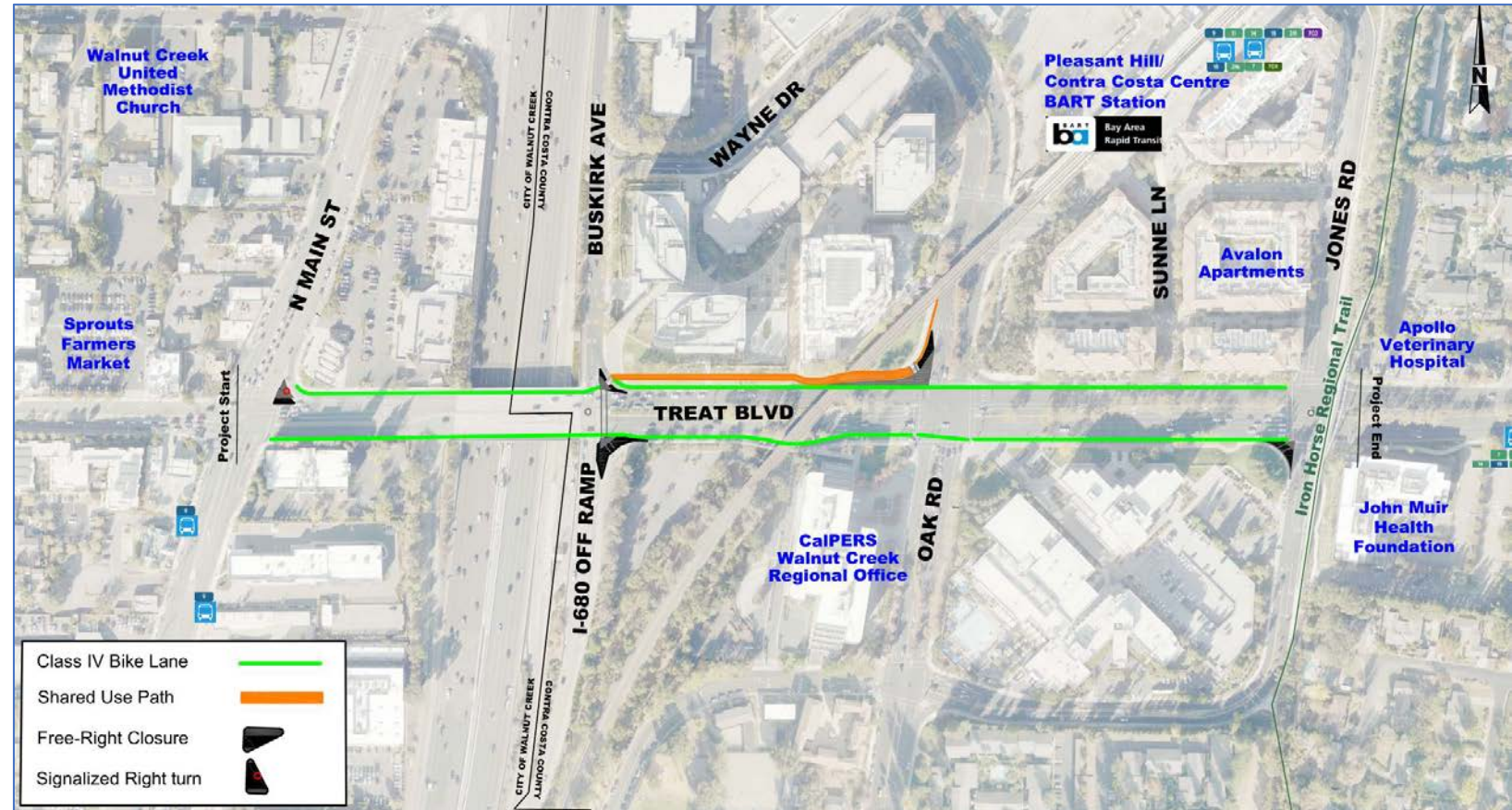
+ C.3 Bioretention Facilities (Accomplishes Goal TR-A5.2)

<https://www.contracosta.ca.gov/8457/Fred-Jackson-Way-1st-MileLast-Mile-Urban>

Project Example – In Design

Treat Boulevard Corridor Improvements

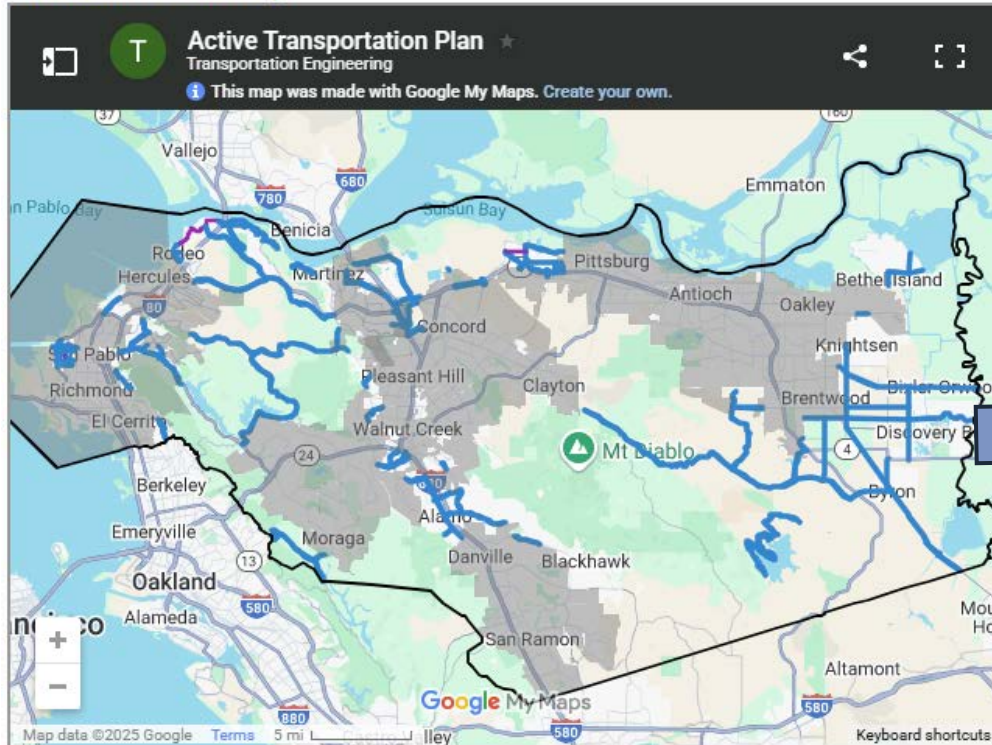
- Class I Shared-Use Path
- Class IV Bikeways
- Removing Slip Lanes
- Curb Ramps
- Signal Timing
- 2026 Construction Year



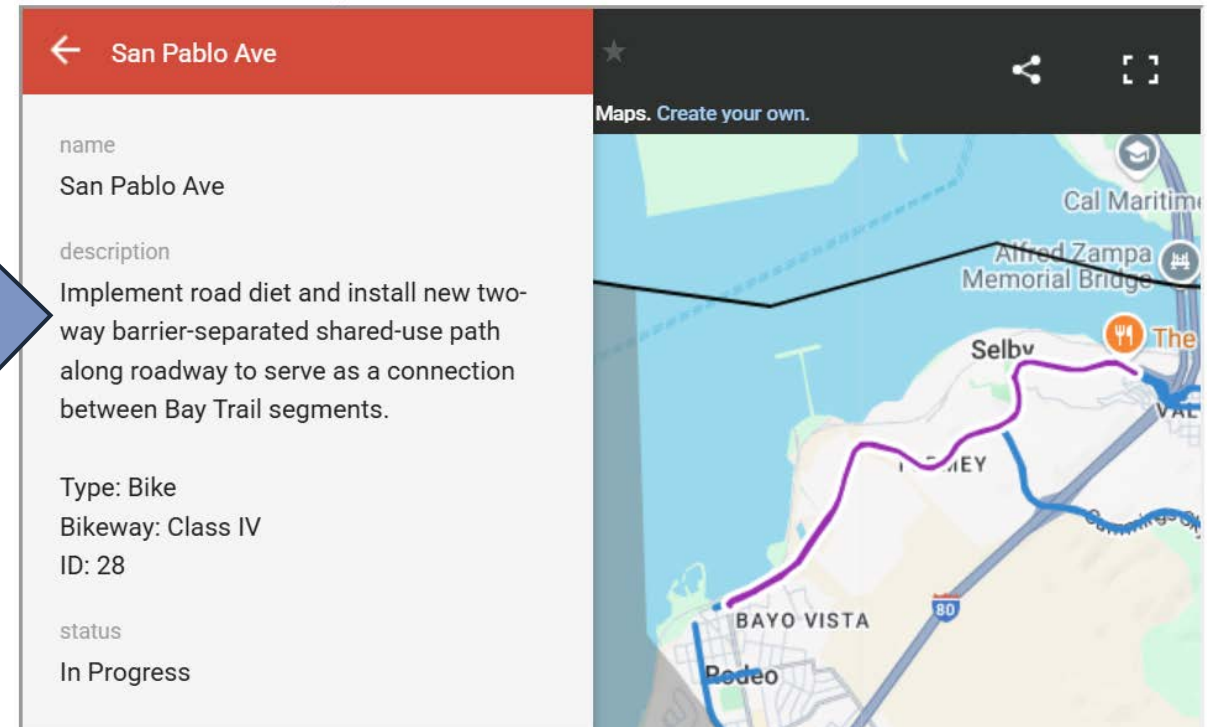
Active Transportation Plan



Interactive Webmap



Interactive Webmap





cchealth.org

Public Health Programs for Active Transportation

Emily Warming, MPH, MSW
Program Manager
CCH Building Healthy
Communities Program

Sustainability Committee Meeting
Contra Costa County
May 12, 2025

Injury Prevention and Active Transportation Promotion

Building Healthy Communities Program

works to prevent serious injuries
and deaths on roads and promote
active transportation

to improve community health in
Contra Costa County, with special
attention to those who are most
vulnerable.



Health and Active Transportation





CCH Safe Routes to School Programs

**West County Walk & Bike
Leaders for Clean Air**



Bike/ped community health education



Integrate Public Health Principles in Road Planning and Engineering



Collaborate with transportation planners and engineers to provide public health perspectives on community and road design.



Planning Integration Team for Community Health



CREATED IN 2007 TO
DISCUSS ISSUES AND
INITIATIVES RELATED
TO THE IMPACT OF
THE BUILT
ENVIRONMENT ON
PUBLIC HEALTH



MULTI-
DEPARTMENTAL
STAFF
COORDINATION



MEET SEVERY OTHER
MONTH



OPPORTUNITY TO
COORDINATE ON
GRANTS, PROJECTS,
PROGRAMS,
POLICIES, ETC.



SUBMITS AN ANNUAL
REPORT ON
PITCH ACTIVITIES TO
THE BOARD OF
SUPERVISORS

Participants:

- Public Works
 - Transportation
 - Engineering Services
 - Flood Control and Clean Water
 - Parks and Special Districts
- Conservation and Development
 - Transportation
 - Advance Planning
 - Sustainability
- Health
 - Community Wellness
 - Green Business



Strategies to Accelerate Our Work

- Continue to leverage General Fund dollars as matching funds for grants
- Connection with CRIPP and/or Active Transportation Plan
- Continued support from Board of Supervisors for better access for bicyclists and pedestrians

FEEDBACK AND DISCUSSION
