



San Mateo County Bicycle and Pedestrian Advisory Committee

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About SVBC



Mission

Our purpose is to create a healthy community, environment, and economy through bicycling for people who live, work, or play in San Mateo and Santa Clara Counties.

Vision

We envision a community that values, includes, and encourages bicycling for all purposes for all people.

How we do what we do

Change the built environment



Change behavior



Types of Bike Lanes

Class II Bike Lanes



San Jose, CA

Buffered Bike Lanes



Veteran's Boulevard,
Redwood City

Green Bike Lanes



Cupertino, CA

Class IV Protected
Bike Lanes



Davis, CA



San Francisco, CA

Intersections + Bikes

Intersection Markings

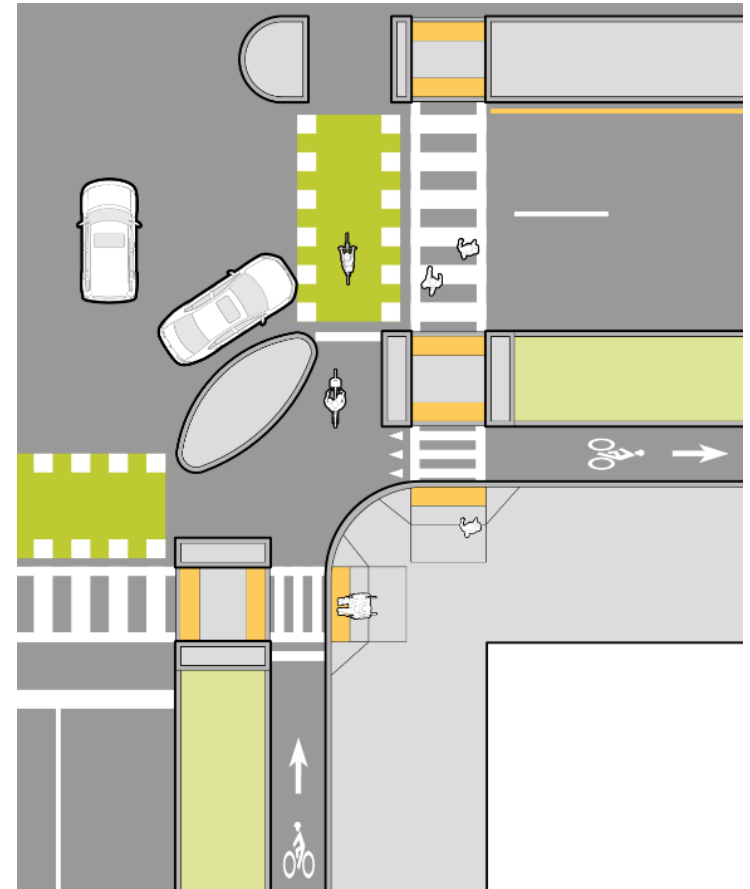


Davis, CA



Davis, CA

Protected Intersection



Advocacy Initiatives



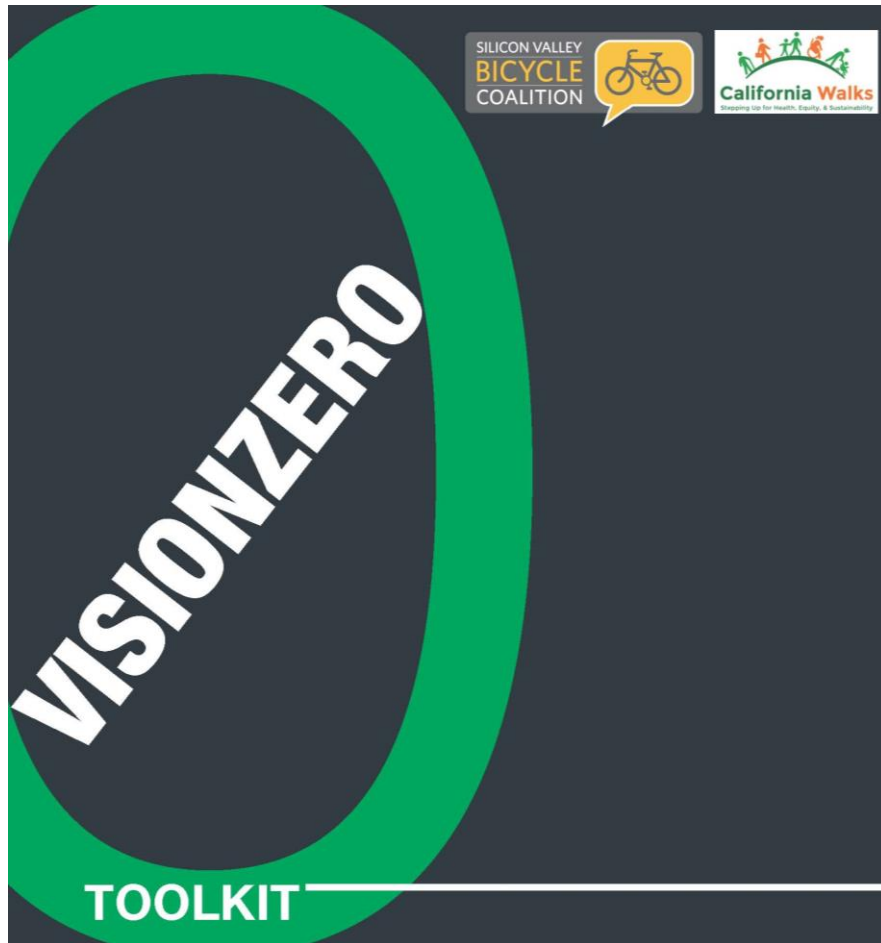
- El Camino Real Bikeways
- Vision Zero
- Connecting Our Communities
- Bikes + Transit
- Safe & Comfortable Freeway Crossings

Current Campaigns

- RWC El Camino Real
- Vision Zero San Mateo County
- Dumbarton Trail
- Middlefield Road in North Fair Oaks
- Caltrain bike access and parking
- Woodside/101, Holly/101, University/101, and Willow/101



What is Vision Zero?



Vision Zero =
Zero deaths
or major
injuries on
our roadways

<http://bikesiliconvalley.org/resources/vision-zero-toolkit/>

<http://californiawalks.org/vision-zero-toolkit/>

The 5 E's

- Evaluation & Planning
- Engineering
- Enforcement
- Education
- Encouragement
- + Engagement and Equity



Crosswalk Location (before)



Photo Credit: Ventura / Kings Canyon Corridor Complete Streets Plan

Crosswalk Location (after)

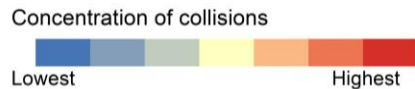
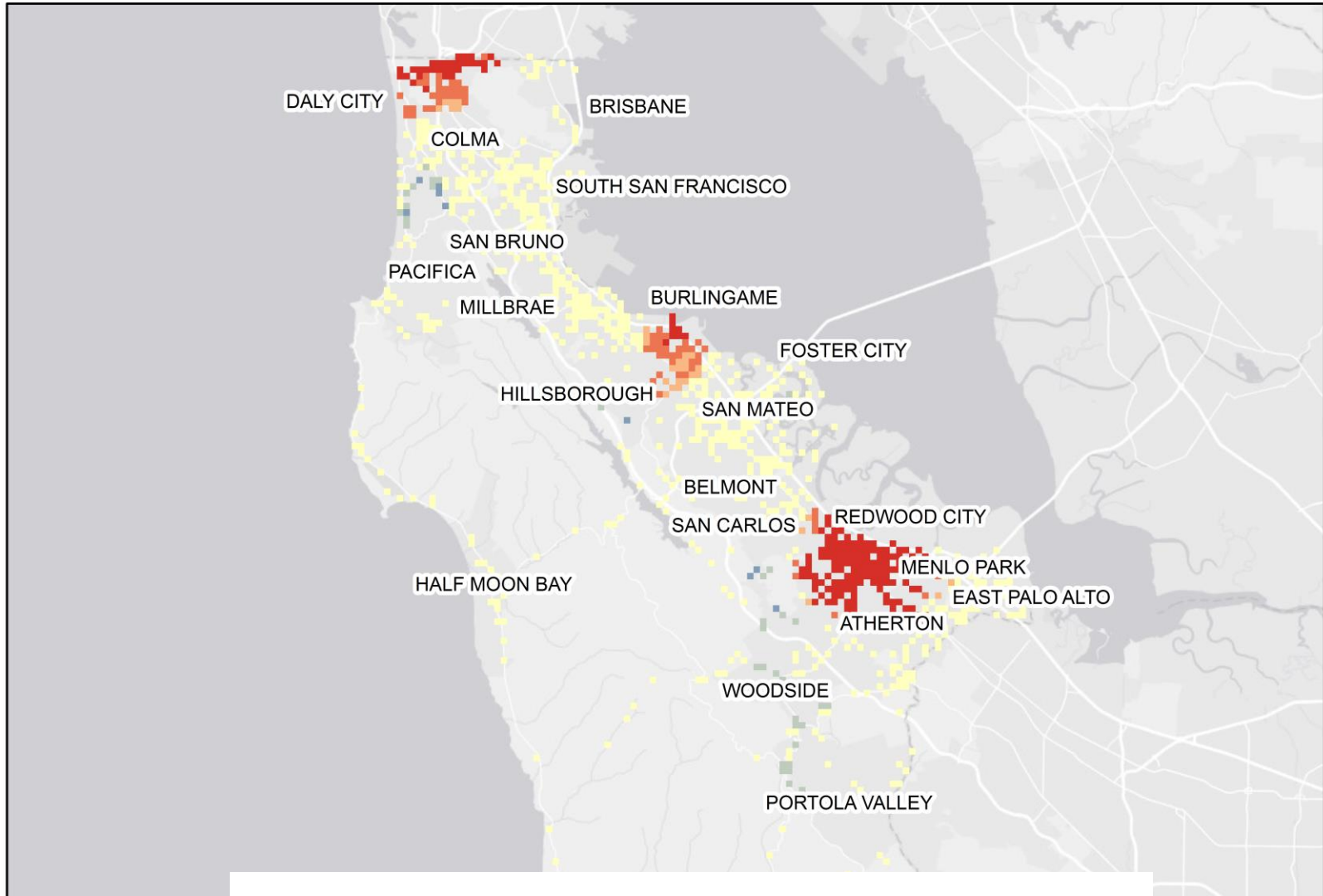
Equity and Engagement



“[R]esidents of low-income and minority neighborhoods are disproportionately represented in bike and pedestrian injuries and fatalities, and low-income neighborhoods often have fewer sidewalks and other safe infrastructure. Safe non-motorized travel, and safe access to transit stops, is essential for disadvantaged Americans seeking to reach jobs, schools, and other opportunities...” – US Department of Transportation report, “Safer People, Safer Streets”

Concentration of Bike and Pedestrian Collisions

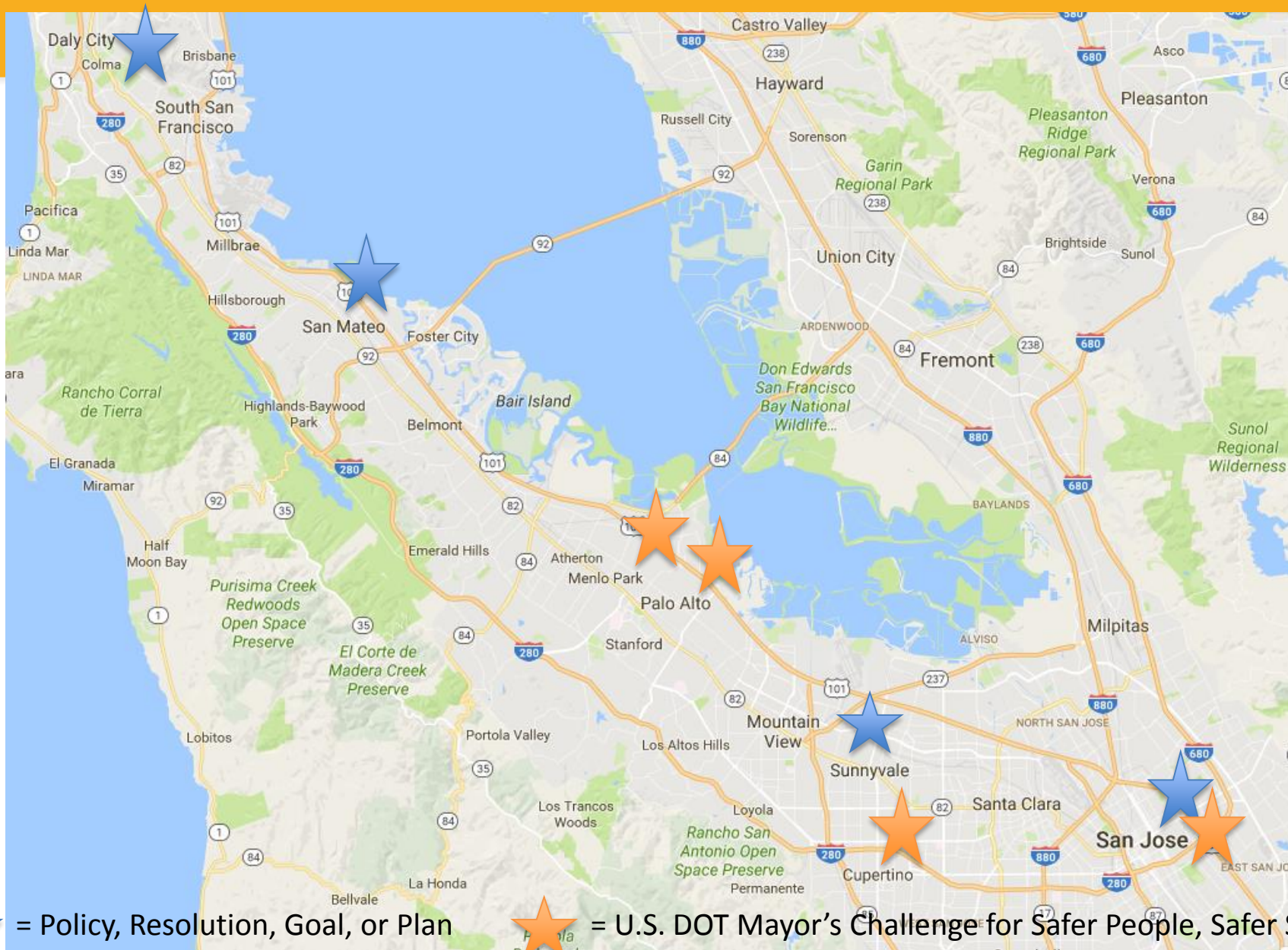
San Mateo County, 2009-2013



Source: Statewide Integrated Traffic Records System, 2009-2013
Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri



Vision Zero Status



= Policy, Resolution, Goal, or Plan



= U.S. DOT Mayor's Challenge for Safer People, Safer Streets

El Camino Real:

1% of streets in San Mateo County, yet:

14% of
bicycle collisions
occurred on or
within 50 ft. of ECR
from 2009-13

19% of pedestrian
collisions occurred
on or within 50 ft. of
ECR from 2009-13

Why Bike and Walk on El Camino Real?



- Best north-south route – provides direct, continuous access
- Access to shops, services, jobs, school, residences
- Access to transit
- Grand Boulevard Initiative, Complete Streets
- People are already using it – need for safety

Local El Camino Real Projects

Menlo Park El Camino Real Corridor Study: Buffered Bike Lanes



Alternative 2 – looking southbound towards El Camino Real/Santa Cruz Avenue intersection



Alternative 2 – looking southbound at El Camino Real/Santa Cruz Avenue intersection



Engineering – Slow Drivers' Speeds

HIT BY A VEHICLE
TRAVELING AT:

**20
MPH**

10%
DEATH RISK



HIT BY A VEHICLE
TRAVELING AT:

**30
MPH**

40%
DEATH RISK



HIT BY A VEHICLE
TRAVELING AT:

**40
MPH**

80%
DEATH RISK



Engineering + Engagement



Education



APPROACHING A CROSSWALK ?

Crosswalks prioritize space on the roadway for people on foot. Whether you are approaching a crosswalk in a car or on a bike, always yield to pedestrians. It's the law.

What to know about crosswalks...

1 When approaching a crosswalk, watch for pedestrians and stop well before reaching it. Some crosswalks include flashing beacons to highlight when people are crossing.



2 Some crosswalks include a row of triangles before the crosswalk that look like shark teeth. Always stop behind the "shark teeth" if pedestrians are present.



3 Yellow crosswalks mean you are in a school zone. Take extra care and watch for children entering the street. Stop well before you reach the crosswalk to help other drivers see children crossing.



Our Palo Alto
CALIFORNIA DEPARTMENT OF PUBLIC HEALTH

If you're on foot...

1. Always use a crosswalk or cross at an intersection.
2. Look left, then right, then left again before crossing once it's safe to do so.
3. Make eye contact with drivers and bicyclists before stepping into the crosswalk. Make sure they've seen you and are waiting for you to cross.
4. Keep your eyes up and your phone down.

HITTING SOMEONE
AT **40** MPH IS LIKE
THROWING THEM
FROM A
4 STORY
BUILDING



Watch and Slow for Walkers

WalkSmartCA.org

IT'S UP TO
ALL OF US

SILICON VALLEY
BICYCLE
COALITION



Encouragement



SMC + Vision Zero Current Efforts

Category		Agency responsible
Evaluation and Planning	2011 San Mateo County Comprehensive Bicycle and Pedestrian Plan; Health System collision analysis 2015; Annual bike/ped count program	C/CAG Health System Office of Sustainability
Engineering	green bike lanes, bike boulevards, bulb-outs/curb extensions, and crosswalks Focus on corridors and intersections with high collision rates Incorporate Complete Streets improvements in repaving/maintenance projects	Public Works, Caltrans, Cities
Enforcement	Saturation Traffic Enforcement Program (S.T.E.P.)	CHP, Sheriff, Local PD
Education	Safe Routes to School Program	Office of Education
Encouragement	Bicycle Sunday, bike racks, bike and walk to school events and maps, Bike to Work Day	Sheriff Public Works, cities Office of Ed Commute.org
Equity	Safe Routes to School equity analysis	Office of Ed, Health System
Engagement	SMC BPAC, CCAG BPAC, Caltrain BAC, city BPACs NFO Forward	Office of Sustainability CCAG Caltrain Cities Supervisor Warre



Recommendations

- County form a Vision Zero task force composed of staff, advocates, law enforcement, first responders, public health, and elected leaders
- Pass a Vision Zero policy at the Board level
- Evaluation and Planning
 - Index funding to mode share goals
 - Update countywide bike/ped plan
- Engineering
 - Adopt NACTO guidelines
 - Increase bike parking
- Education
 - Adult bike and ped safety education classes
- Encouragement
 - Wayfinding
 - Community-wide Transportation Demand Management (TDM)

Local Advocates are Here to Help!

- Lead rides and walking tours
- Implement and manage SR2S programs
- Review designs and grant applications
- Provide letters of support
- Assist with community outreach
- Aid in policy development



Thank You!



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