Active Transportation Committee Kick-Off Meeting

Robert Guerrero, Director of Planning Dulce Jimenez, Planning Assistant May 10, 2023



Meeting Agenda

- 1. Committee Member Introductions
- 2. Comprehensive Transportation Plan Schedule and Purpose
- 3. Overview of the Active Transportation Element
- 4. Safe Routes to School Program and Plan
- 5. Active Transportation and Land Use
- 6. Committee Member Round Table Discussion
- 7. Future Topics

Meeting Objectives



Introduce the Comprehensive Transportation Plan (CTP) Update Effort and Active Transportation (AT) Element Development Process



Provide an overview of Active Transportation-Related Plans and Programs



Set the stage for Transformative Active Transportation Projects

Active Transportation Committee Members

Policy Board Members:

- 1. Alma Hernandez, City of Suisun City (Chair)
- 2. Terry Scott, City of Benicia
- 3. Jim Ernest, City of Dixon
- 4. K. Patrice Williams, City of Fairfield
- 5. Edwin Okamura, City of Rio Vista
- 6. Jeanette Wylie, City of Vacaville
- 7. Peter Bregenzer, City of Vallejo
- 8. Wanda Williams, County of Solano

Representatives:

- 1. Gretchen Bennitt, YSAQMD
- 2. Tyler Meirose, BAC
- 3. Bob Berman, PAC
- 4. Dave Belef, SR2S Advisory Committee
- 5. Erin Morris, Planning Directors Rep
- 6. Kara Oberg, MTC
- 7. Paul Kaushal, TAC Representative
- 8. Katera Afshar, Caltrans

























STA's Advisory Committee Members

Bicycle Advisory Committee (BAC)



- Dave Belef- Vallejo
- Jodie Stueve- Dixon
- Dennis Elliott- Rio Vista
- Tyler Meirose- Suisun City
- Neal Iverson- Vacaville
- Mike Segala- Solano County
- Jason Gray- Member-At-Large

Safe Routes to School (SR2S)

Advisory Committee



- Jeff Henderson- Suisun City
 Police Dept
- Karin Bloesch- YSAQMD
- David Belef- BAC
- Gwen Owens- Vacaville
- Tina Tran- Fairfield
- Diane Dooley- PAC
- Jennifer Leonard- Solano
 County Office of Education
- Dail Montañez- Solano
 County Public Health

Pedestrian Advisory Committee (PAC)

- Bob Berman- Bay Area Ridge Trail
- Dian Dooley- Benicia
- Joseph Green- Heffern-Fairfield
- Michael Hayes-Rio Vista
- Teresa Booth- Vallejo
- Joseph Joyce- Solano County
- Cookie Powell- Dixon

| Date | CTP Subcommittees Schedule Line Up |
|----------------------|--|
| May 10, 2023 | Active Transportation Committee Kick-off Informational Meeting- Background to the CTP and Active Transportation Element |
| June 14, 2023 | Arterials/Highway/Freeway Committee Kick-off |
| July 12, 2023 | Transit Committee Kick-off |
| October 11, 2023 | Active Transportation Committee Active Transportation Funding Draft of project priorities |
| December 13, 2023 | Arterials/Highway/Freeway Committee |
| January 10, 2023 | Transit Committee |
| April 10, 2024 | Active Transportation Committee • Final draft list of project priorities |
| May 8, 2024 | Arterials/Highway/Freeway Committee |
| June 12, 2024 | Transit Committee |
| Fall 2024 | *Possible Fourth Committee* Wrap up the CTP Completion |

Comprehensive Transportation Plan

- Foundational document for Transportation Projects and Programs to be eligible for STA's discretionary funding and support
- Includes the following elements and chapters:
 - **Active Transportation Element**
 - Arterials, Highways and Freeways Element
 - Transit and Rideshare Element
 - Land Use Chapter
 - Figure 1 Equity Chapter
- Transportation Projects and Programs identified in the CTP are also eligible to be included in MTC's Regional Transportation Plan called Plan Bay Area 2050



Active Transportation Concepts in the Comprehensive Transportation Plan

- Complete Streets framework
- Sustainable transportation network
 - Integrating transportation and land use while planning to include the unique needs of Solano's residents and communities
- Reducing the Greenhouse Gas (GHG) emissions



Role of the Active Transportation Committee

- Assisting in guiding the development of the Element and Chapters that will contribute to the update of the Transportation Priority Projects and Programs for Solano County.
- Committee members are encouraged to engage with their respective city staff to understand their community's project priorities
- Active Transportation Projects will be the main focus of this committee



What is Active Transportation?

A means of getting around that is powered by non-motorized forms of travel, such as walking, biking, or rolling.



The Active Transportation Committee will focus on the bicycle and pedestrian infrastructure in Solano County.



STA's Role: Plan, fund, and deliver active transportation infrastructure for Solano County residents of all ages and abilities to feel comfortable walking and biking.

Why Focus on Active Transportation?



State's aggressive Greenhouse Gas Emissions Goals

- Target of cutting 48% of GHG below 1990 levels by 2030
- Sustainable Communities Strategy
- Switch from Level of Service (LOS) to Vehicle Miles Traveled (VMT)



Benefits to Solano County Residents

- Lower cost means of transportation for commuting and recreational activity
- Increases physical activity among Solano residents



Greater focus on Clean Air Projects for key Federal, State and Regional funding programs

Setting the Stage for Transformative Projects: Recent Policies and Areas of Focus



Developing a Active Transportation Network for All Ages and Abilities

• Complete Streets Policies



Bicycle and Pedestrian Safety

 Vision Zero Policies, Local Road Safety Plan, and Safe Streets for All Grant Program



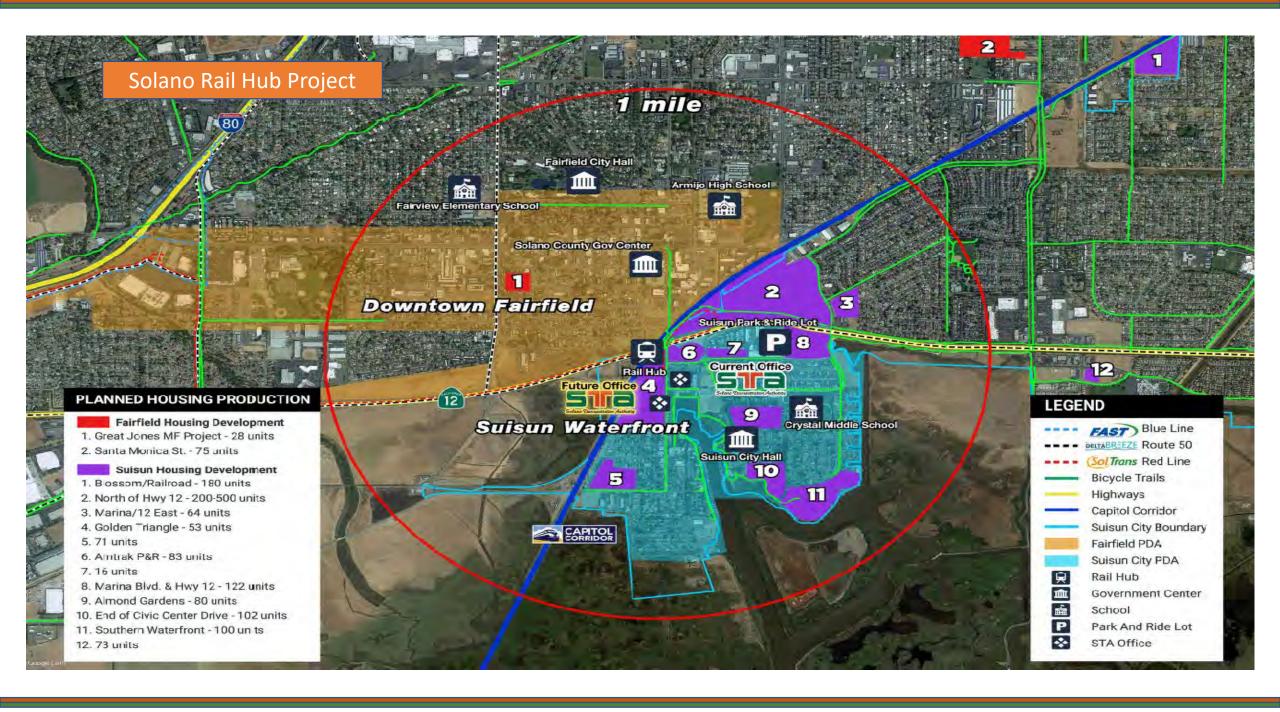
First and Last Mile Connections

 Enhance connectivity to mobility hubs that link to local or regional centers by providing alternative modes of travel to the mobility hubs

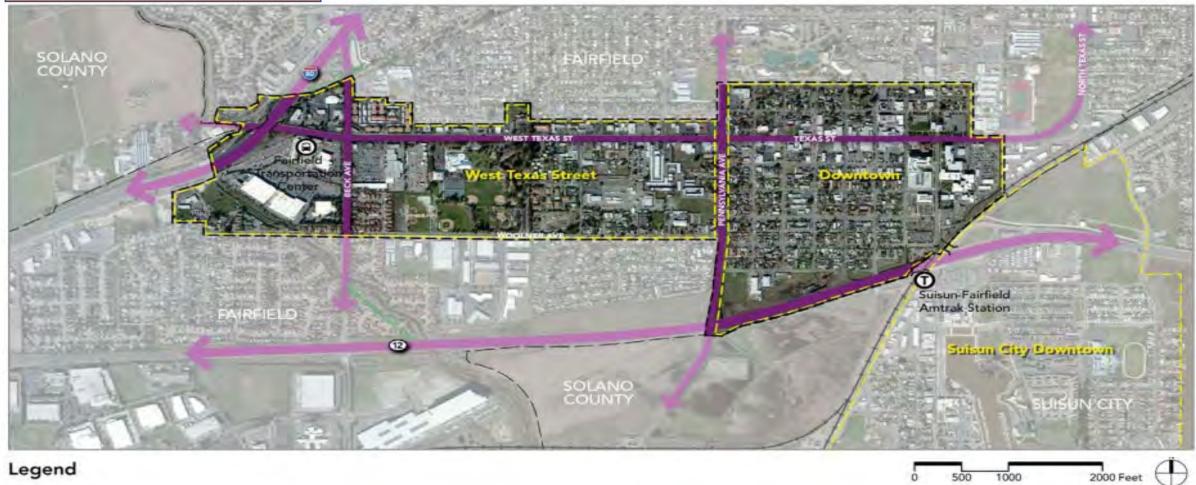


Equity Focus

Equity Designations such as Equity Priority Communities, Disadvantaged
 Communities, Areas of Persistent Poverty



Heart of Fairfield Plan Area



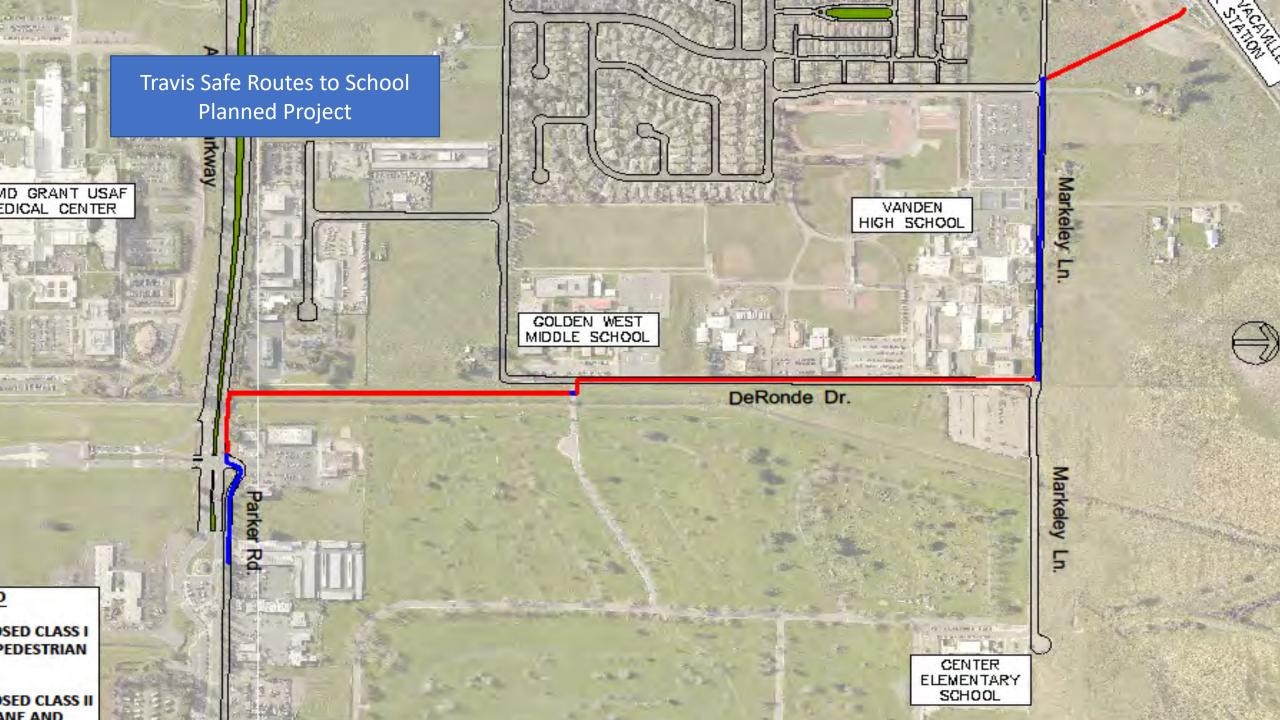
Plan Area

Major Highway and Roads

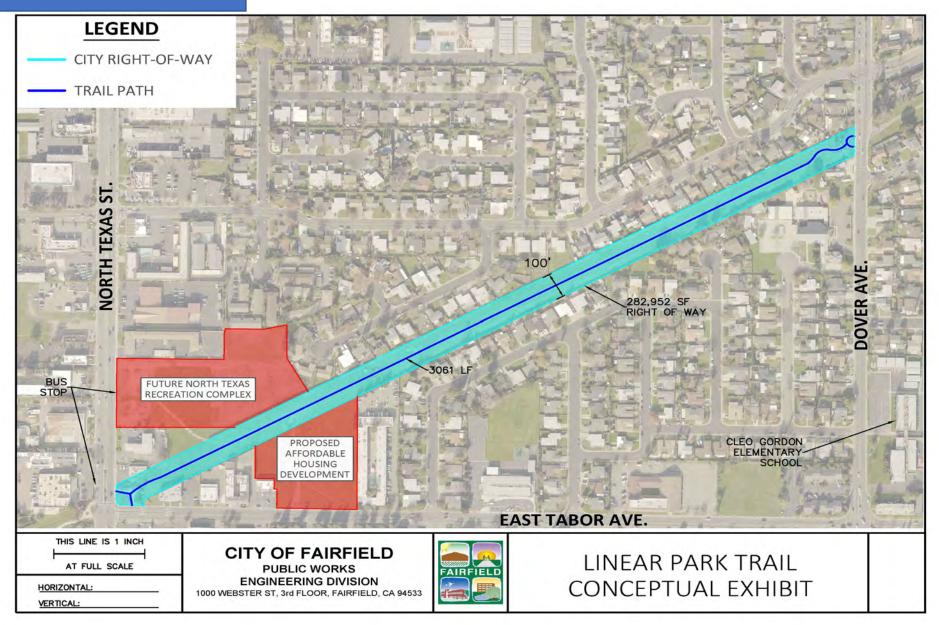
Rail

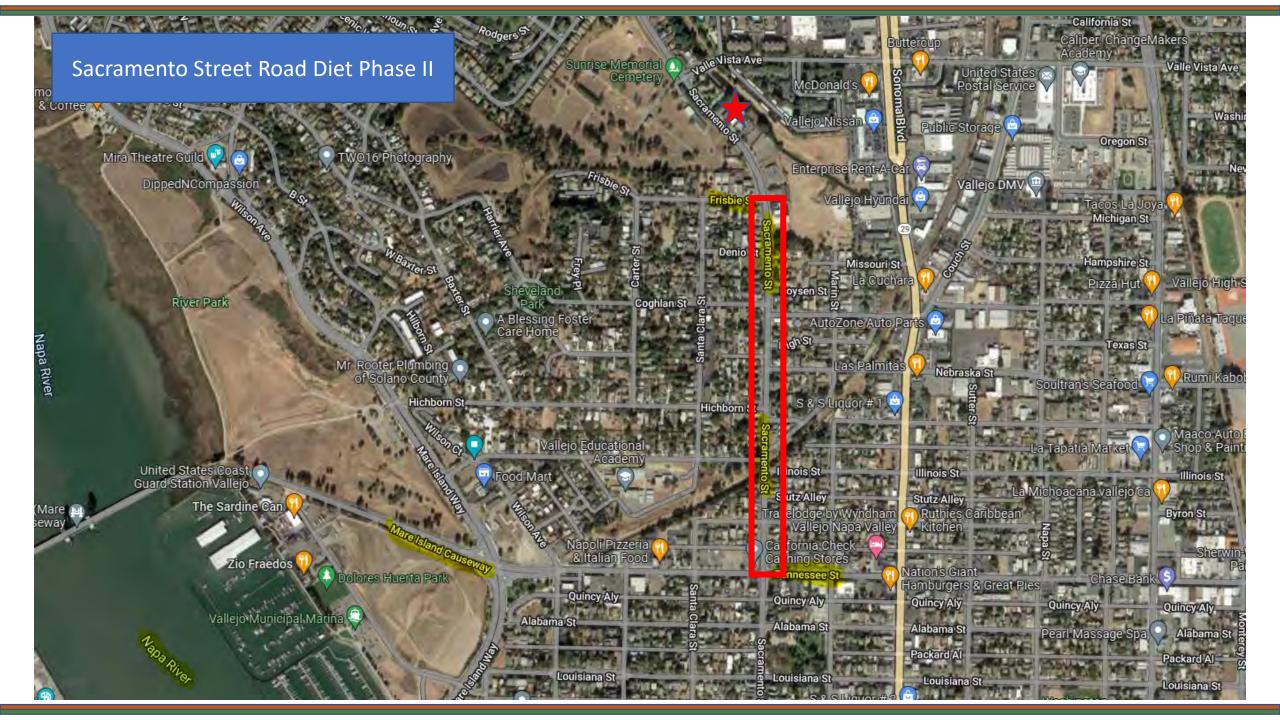
Fairfield Transportation Center

Suisun-Fairfield Amtrak Station



Linear Park Node Project Phase 4





State Route 37 Fairgrounds
Interchange

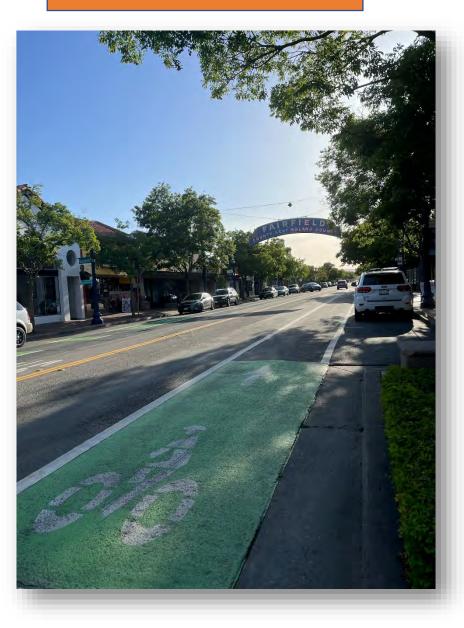


Completed Active Transportation Projects Since 2018

This is not the full list of completed projects

- Benicia- Rose Dr, from Columbus Pkwy to Palace Ct, Class II Bicycle Lane Fairfield- Travis
 Safe Routes to School and Transit Project
- Suisun Grizzly- Island Trail, complete class I multi-use path
- Solano County- Midway Road Bike Improvements, add Class II Bike
- Vaca-Dixon Bikeway Phase 6 Porter Road Bikeway Project
- Rio Vista Montezuma Hills Road Project
- Benicia Panorama Drive Safety Project
- Safe Routes to School Microgrant Cycle 1
- Suisun City Rail Road Avenue Bicycle Lanes Project (TDA)-Completed in Fall 2022
- Suisun City Crystal Middle School Traffic Calming- Completed in Fall 2022
- Solano Farm 2 Market and Solano County Road Preservation were completed in September 2022

Heart of Fairfield Plan Area







Benicia-Military West Project





Suisun City Railroad Pavement Rehabilitation Project-Completed in Fall 2022 E Tennessee St E Kentucky St. Clearbrook Ct Heritage Rose Ln Merganser Dr. Alexander Way Coral Ln. Filbert Ct STATE ROUTE 12 LEGEND: ASPHALT CCONCRETE OVERLAY AND DIGOUT REPAIRS, EASTBOUND LANES ONLY DIGOUT REPAIRS, EASTBOUND LANES ONLY 5' WIDE BICYCLE LANE WITH 2' WIDE STRIPED BUFFER ZONES, BOTH SIDES OF STREET





Vacaville- Marshal Road RRFB

Benicia Joe Henderson RRFB SR2S Microgrant Cycle 2



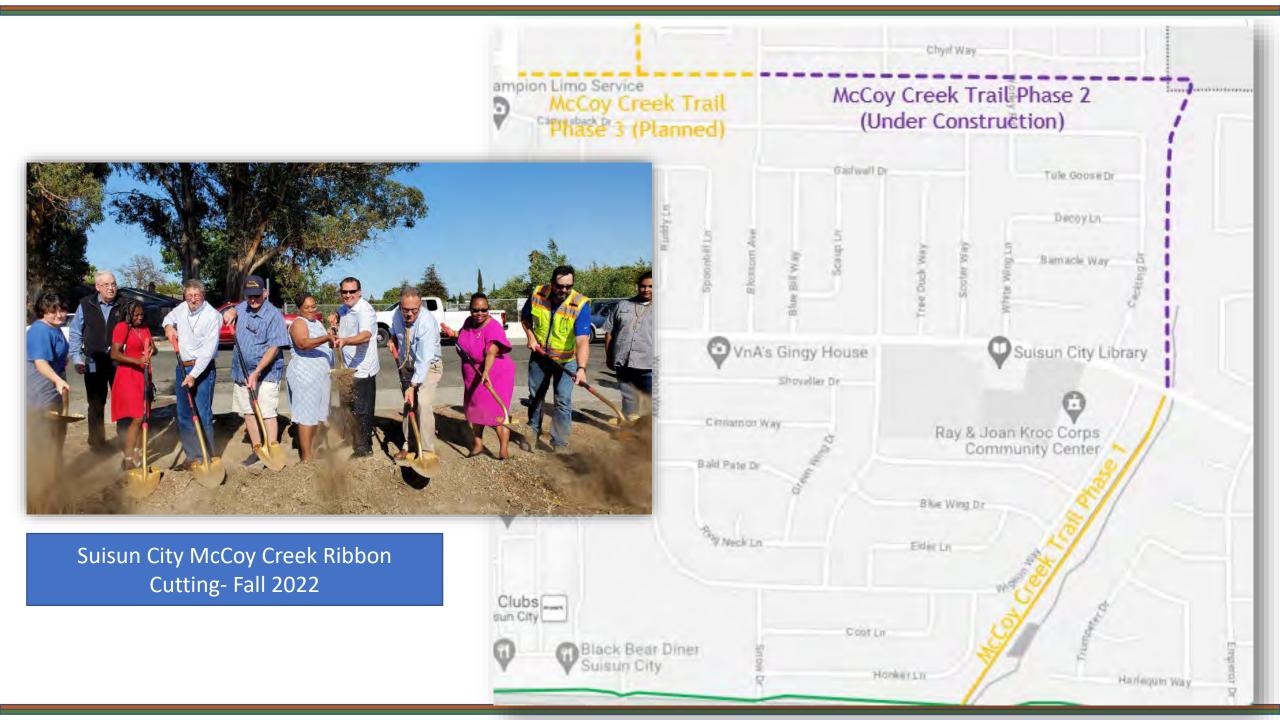




Benicia Panorama Drive Pedestrian Bulb Out Suisun City Crystal Middle School Traffic Calming Project







Active Transportation Projects in Progress

This is not the full list of in-progress projects

- Vacaville- Kairos School Improvements, install RRFB, crosswalk striping, curb improvements (Initial phase complete)
- Vallejo- Bay Trail/Vine Trail Project
- Suisun City McCoy Creek Phase II
- Dixon- SR-113 Pedestrian Improvements at B Street, installing bulb-outs and pedestrian crossings
- Rio Vista Airport Road Bicycle and Pedestrian Promenade, sidewalk gap closure with class IV bike and pedestrian facility
- Vallejo Sacramento Street Road Diet Phase II
- Benicia Military East/East 5th Street Pedestrian and Bicycle Safety Improvements Project
- County of Solano Rockville Parks Crossing Project
- Vacaville Markham School Pedestrian Improvements Project
- Rio Vista Bike Lanes on Norman Richardson Drive and Airport Road
- Solano County Pedrick Road Bicycle Improvements

Questions?

Agenda Item 5.B Overview of the Active Transportation Element

Dulce Jimenez, Planning Assistant



Components to the Active Transportation Element

The Active Transportation Element focuses on bicycle and walking infrastructure, Safe Routes to School, Safe Routes to Transit, as well as Alternative Fuels and Land Use Policies.

- Identifies Countywide Bicycle and Pedestrian Networks
- Overview on potential Alternative Fuels and EV Charging Stations
- Incorporates Sustainable Communities Development
- Assesses Bicycle and Pedestrian Projects and Priorities
- Identifies potential funding programs to match projects







State and Regional Related Plans to the Active Transportation Element *This is not a full list of Plans related to the Element*

sira

Caltrans Bay Area Bike Highway Study

State Bike
Plan Towards
an Active
California

State Bicycle and Pedestrian Plan Draft (In Progress)

> State Plan for Aging 2021

MTC Equity Platform Caltrans CAPTI

SOLANO COUNTY COMPREHENSIVE TRANSPORTATION PLAN MTC Plan Bay Area 2050

Bay Area Clean Air Plan

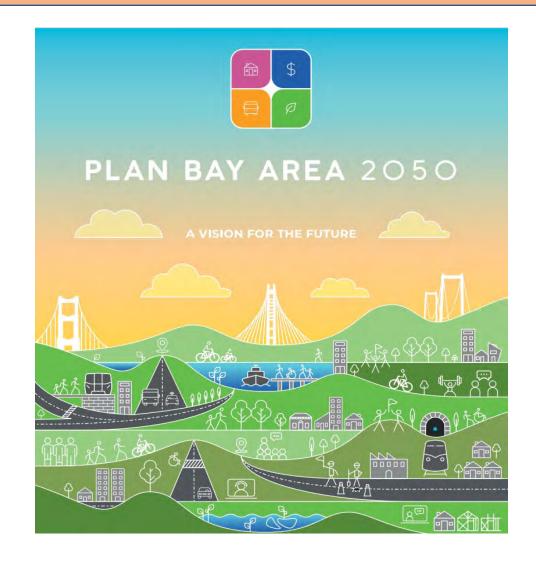
San Francisco
Bay Trail
Project Gap
Analysis Study

Caltrans
District 4 Bike
Plan

Ride Trail Strategic Plan

Plan Bay Area 2050

Long-range Plan developed and adopted by the Metropolitan Transportation Commission and the Association of Bay Area Governments (ABAG) that lays out a more equitable and resilient future for Bay Area Residents.



Plan Bay Area 2050- Four Main Elements

Housing

- Protect and Preserve Affordable Housing
- Spur Housing for Residents of all income levels
- Create Inclusive
 Communities

Economy

- Improve Economic Mobility
- Shift location of jobs

Transportation

- Maintain and optimize the existing system
- Create healthy and safe streets
- Build a Next generation transit network

Environment

- Reduce risks and hazards
- Expand access to parks and open spaces
- Reduce climate emissions

MTC's Regional Active Transportation Plan

In 2020 MTC initiated work on a regional Active Transportation Plan, intended to serve as a blueprint to strategically guide active transportation policy and investments



Developing an Active Transportation Network for All Ages and Abilities

 Complete Streets Network, including the construction of 10,000 miles of new bike lanes and multi-use paths



Bicycle and Pedestrian Safety

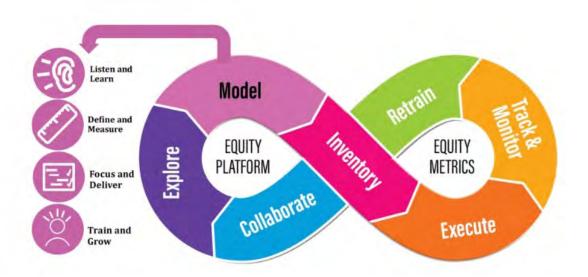
 Safety polices enacted at the local and regional levels in accordant to MTC's adopted Vision Zero Policy



Equity Focus

Plan Bay Area 2050- Equity Focus

The 35 identified strategies are centered advancing equity, through careful considerations of investments and polices that affect historically and systematically marginalized communities.



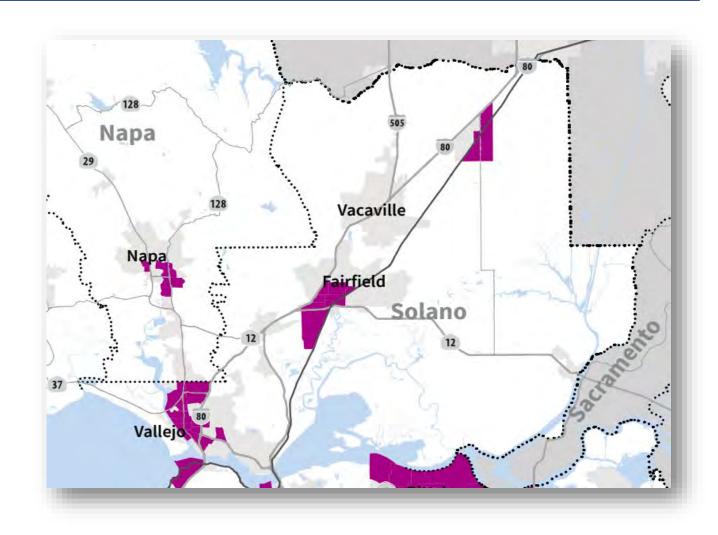
MTC Equity Definition:
Just inclusion in the Bay Area
where everyone can participate,
prosper and reach their full
potential



Plan Bay Area 2050

Equity Priority Communities:

Geographic areas that have a concentration on both residents of color and residents with low-income and other factors such as seniors or people with disabilities, areas with low proficiency in English.



Caltrans District 4 Bike Plan

The State highway system, is a multimodal network of Caltran's owned and operated State highways/Interstate Freeways, park ride lots and bridges.



Caltrans D4 Plan builds on the California State Bicycle and Pedestrian Plan known as Active California, which focus on the following four broad goals:

Safety: Reduce number, rate and severity of bike/ped collisions

Mobility: Increase walking and bicycling in CA

Preservation: Maintain a high-quality active

transportation system

Social Equity: Invest resources in communities that are

most dependent of active transportation

Caltrans District 4 Bike Plan- Role of Caltrans in Active Transportation

Role in connecting and expanding the regional bicycle network and removing barriers to bicycling

Identifies infrastructure improvements that can enhance bicycle safety and mobility throughout District 4

Prioritize safety and comfort while incorporating social equity when designing bicycle facilities

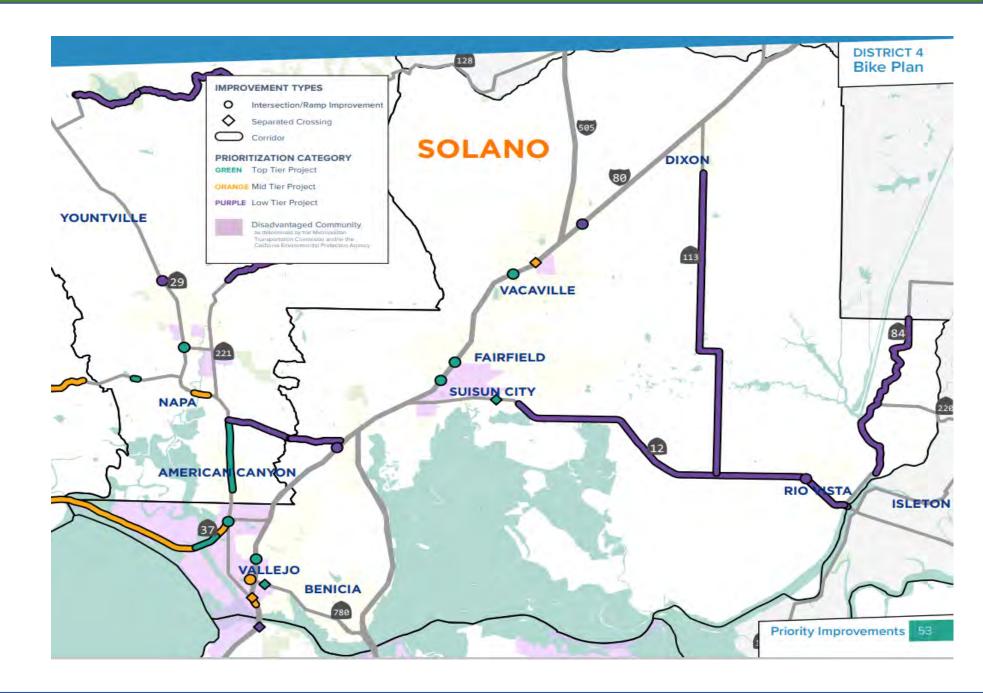
Plan informs future investments and identifies/prioritizes bicycle improvements on the State network that will be competitive for state/regional funds

Reduce Traffic Congestion

Improve Public Health

Create
Connections to
Key Destinations

2018 Caltrans D4 identified Top Tier Projects for Solano County



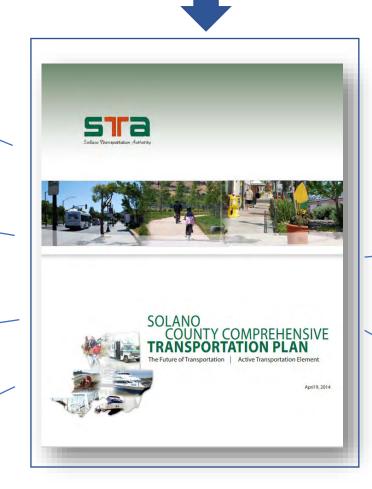
Local Related Plans to the Active Transportation Element *This is not a full list of Plans related to the Element*

2013 STA Alternative Fuels Study

2013 Safe Routes to School Plan

2016 STA PCA
Plan: Access
to Parks and
Community
Hubs

2018 Solano
Electrical
Vehicle
Transition
Program



2020 SR 37 Public Access Plan

> 2020 Active Transportation Plan

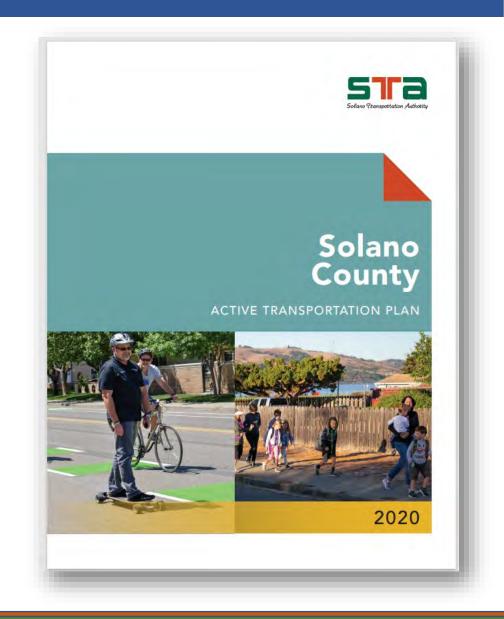
2023 Safe Routes to School Plan Update In Progress

2020 Active Transportation Plan

The Active Transportation Plan (ATP) provides a framework to help STA improve Active Transportation conditions throughout Solano County, the plan also builds on previous plans:

- Countywide Bicycle and Pedestrian Plans
- Safe Routes to School (SR2S)
- Safe Routes to Transit (SR2T)

The development of the ATP plan was completed in 2020



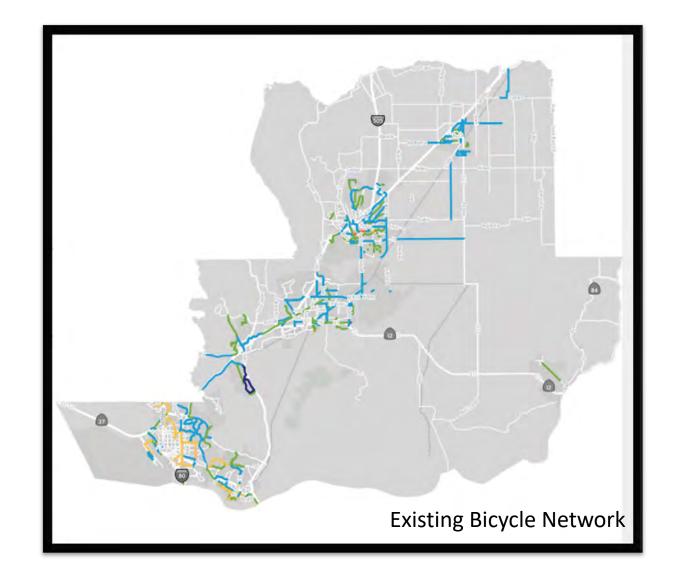
2020 Active Transportation Plan (ATP)

The ATP Plan establishes countywide priorities and provides project lists and program guidance that STA and local jurisdictions can use to help people of ages and abilities feel comfortable walking and bicycling.

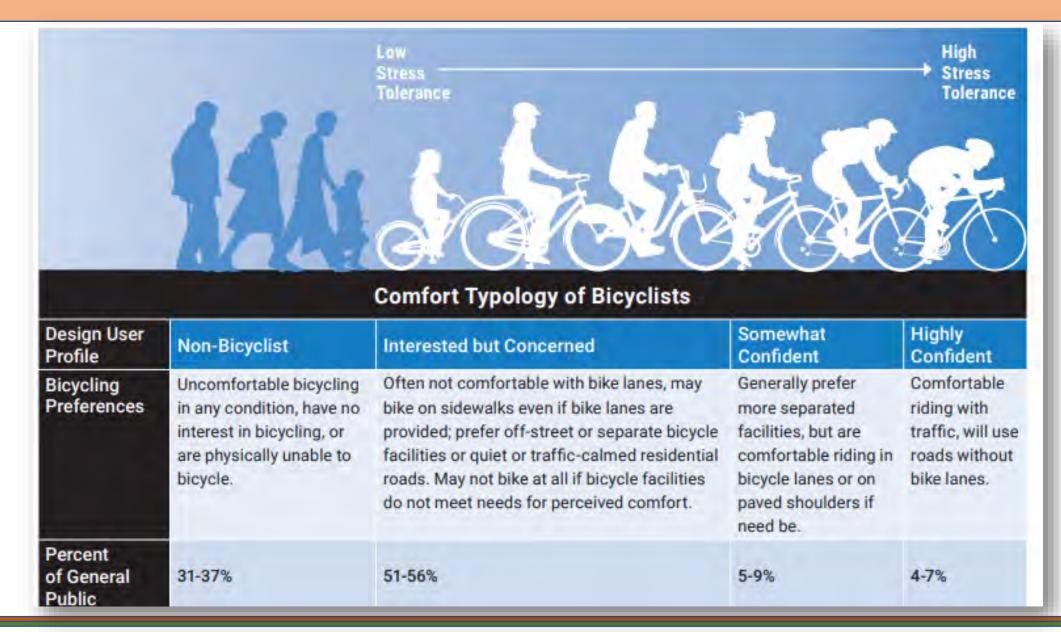
The Solano ATP is used as a basis from which future bike and pedestrian projects are selected and prioritized by STA for grant funding sources

- 312 bikeway projects
- 148 pedestrian projects

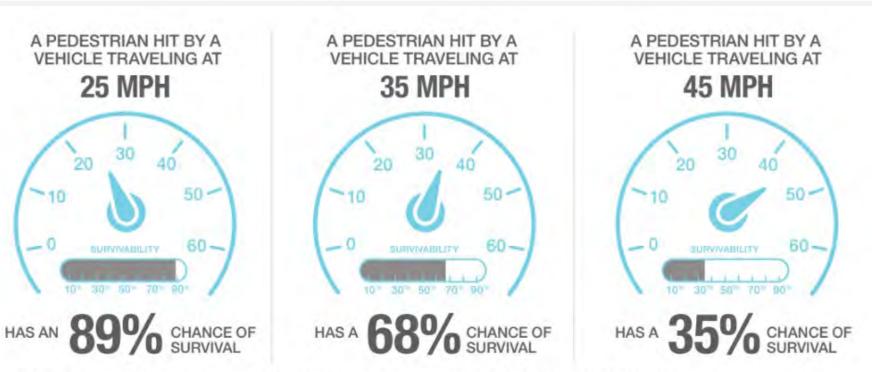
In May 2022 and additional 39 projects were adopted to be included into the Active Transportation Plan.



2020 Active Transportation Plan- Types of Users



2020 Active Transportation Plan- Safe Speeds



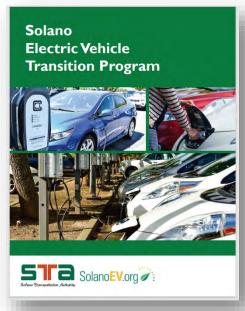
Tefft, B. C. Impact speed and a pedestrian's risk of severe injury or death. Accident Analysis & Prevention 50 (2013) 871-878.

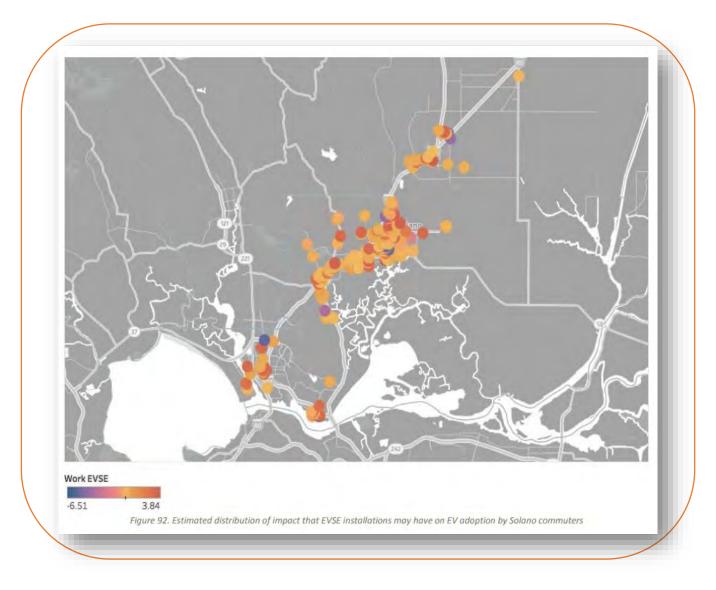
Reducing vehicle speeds by as little as ten miles per hour has a significant impact on the risk of fatality for vulnerable road users like bicyclists and pedestrians.

Alternative Fuels and Infrastructure

Solano Electrical Vehicle (EV) Transition Program

By supporting cleaner transportation options, such as active transportation in combination with cleaner vehicles and fuels can improve air quality that all residents across Solano County can benefit from.

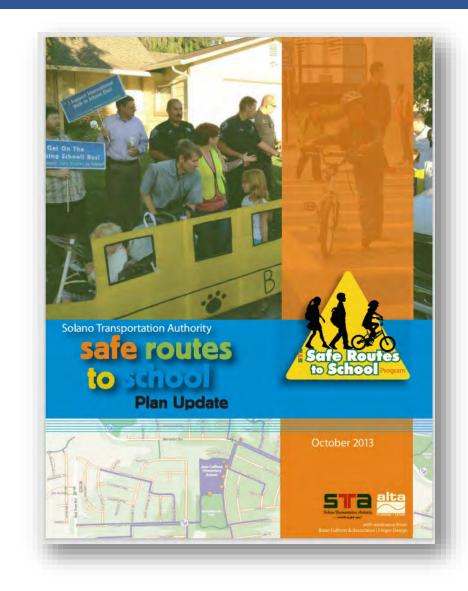




Safe Routes to School Program and Plan

The Safe Routes to School (SR2S) Plan guides the Safe Routes to School (SR2S) Program. The SR2S Program is a multifaceted effort to increase the number of students who walk, bike, rideshare, or take transit to and from school.

The SR2S Program uses a comprehensive approach, the program includes the 6 "E's" which are education, encouragement, enforcement, engineering, engagement, and evaluation.



Questions?

Solano Safe Routes to School Program



Amy Antunano Assistant Program Manager- SR2S

















What is Safe Routes to School?

Since 2008 Safe Routes to School, a program of the STA, has encouraged students to safely get to school by working with schools, police, public health staff, city traffic engineers and other community members to improve traffic safety and the health and well-being of youth in Solano County

The SR2S Program:

- ➤ Increases the number of students walking and biking to school safely
- Reduce traffic congestion and improve air quality around schools
- Increase daily physical activity levels and reduce obesity and other health risks





SR2S Program Challenges



COVID-19 Pandemic



Staff Turnover



School/Community
- Buy-in



Car-Centric Society







STA BOARD OF DIRECTORS – 7 SOLANO COUNTY MAYORS

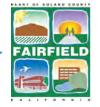
























Vacaville Unified School District

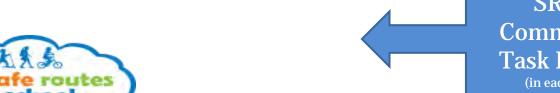




SR2S Countywide Advisory Committee

(in each city)











SR2S Program offerings based on 6 E's

1. Education

Helmet Fitting, Bike Mobile, and Safety Assembly

2. Encouragement

Int'l Walk to School Day, Walk or Wheel (WOW) Programs, Bike to School Day

3. Enforcement

Enforcement Grants with Local Police Departments

4. Engagement

Outreach in the community

5. Evaluation

Hand Tally's and Walk Audits

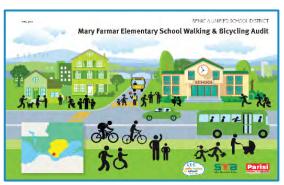


6. Engineering

SR2S Micro Grant Program







What Can We Offer Your School?

Bike Mobile

- We contract with The Bay Area Bike Mobile to provide students with handson bike repair at your school.
- The Bike Mobile staff shows students how to perform easy maintenance on their bikes and fixes flat tires, adjusts bike seats and replaces worn brakes

Helmet Fitting

- Bike safety are helmets are provided to students with an economic need.
- Groups of 4-6 students are fitted with new helmets Students are taught the importance of wearing a helmet and other bike safety information. .







Walking School Bus (WOW Days)

- ➤ A Walking School Bus an organized group of students who walk to and from school under the supervision of a trained adult volunteer
- ➤ A WSB can range from informal groups of families walking to school with an adult volunteer, to highly structured organizations with specified schedules and routes.
- It can be everyday or one day a week, you make it work for you!







Bike Rodeo's

- Educational event to teach youth how to be safer pedestrians, bicyclists, and scooter riders.
- Students walk, ride, and roll through a mock city with intersections, crosswalks, bike lanes, traffic signs &signals, & railroad tracks.







Solano SR2S Micro Grant Program

Overview

The SR2S Micro-Grant Program's goal is to support small-scale infrastructure projects or supplies that promote safe, active transportation to and from school, address safety around schools and/or encourage an increase in walking and biking to school.



Solano County schools, school districts, cities and/or CBO's or nonprofit organizations

Types of Eligible Projects

Projects (could include but not limited to): Installing Bike Racks, Safety-related lights, signals and/or signage; restriping, creating green bike lane

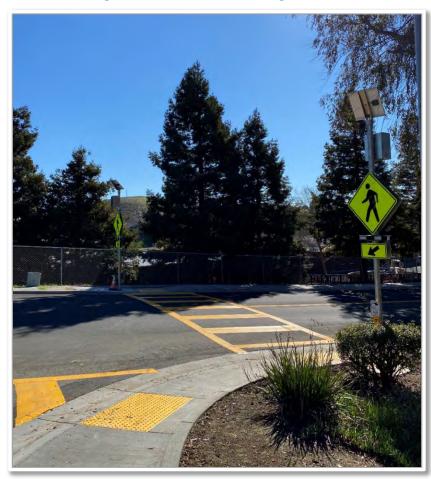
Capital Purchases: Safety equipment such as helmets, vests, reflectors, stop paddles, education materials, etc.



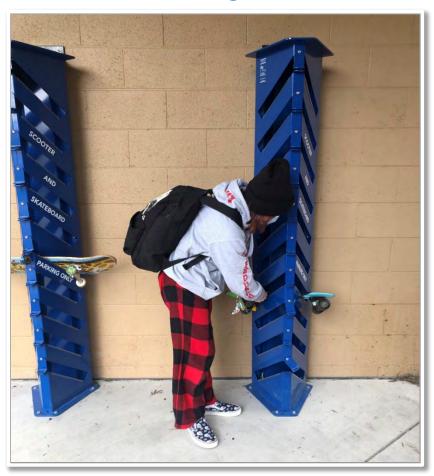




Examples of Completed SR2S Micro Grant Projects



Joe Henderson Elementary, Benicia Rapid Rectangular Flashing Beacon (RRFB)



Vaca Pena Middle School, Vacaville Scooter/Skateboard Racks and Bicycle Air Pumps



Active Schools

Benicia:

- Joe Henderson Elementary
- Mary Farmar Elementary
- Matthew Turner Elementary
- Robert Semple Elementary
- St. Dominic School

Fairfield-Suisun:

- Cordelia Hills Elementary
- Dan O. Root Health & Wellness Academy
- K.I. Jones Elementary
- Nelda Mundy Elementary
- Suisun Elementary
- Fairfield High School
- Green Valley Middle School
- Crystal Middle School

Dixon:

- Anderson Elementary
- Dixon Montessori Charter
- Gretchen Higgins Elementary
- John Knight Middle School



- Browns Valley Elementary
- Eugene Padan Elementary
- Fairmont Charter Elementary
- Hemlock Elementary
- Jean Callison Elementary
- Orchard Elementary

Vallejo:

- Cooper Elementary
- Dan Mini Elementary
- Lincoln Elementary
- Mare Island Health & Fitness Academy
- Pennycook Elementary
- Steffan Manor Elementary
- Highland Elementary School

Travis:

- Foxboro Elementary
- Cambridge Elementary
- Center Elementary

Rio Vista:

DH White Elementary



2023/24 Strategic Goals

SR2S 2023 Plan Update

- Meeting with Community Task Forces
- Meeting with School Districts to update priorities

Program Implementation

- Expanding School Engagement
- Engaging key school/community stakeholders

Evaluation

- Using data to identify safety/perceived safety concerns around schools countywide
- Program elements: What works/What hasn't been working?







707-399-3222 www.solanosr2s.ca.gov



safe rout o school





SolanoSR2S



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Janelle Gregorio
JGregorio@sta.ca.gov



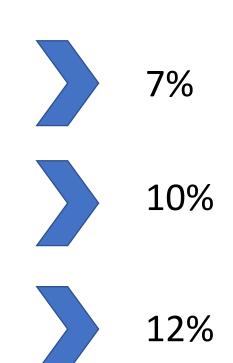


Jennifer Hanley

Jhanley@sta.ca.gov

Suzanne Antone santone@sta.ca.gov

What percentage of Solano County residents use walking/biking as a primary mode of transportation?



What percentage of Solano County residents use walking/biking as a primary mode of transportation?

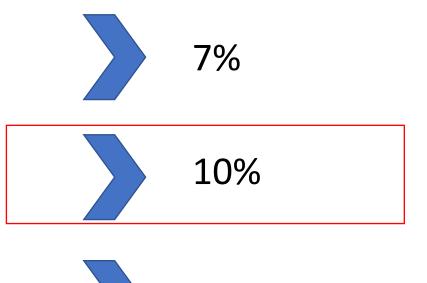










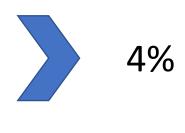


12%



What percentage of Solano County residents use walking/biking as a primary mode to get to work?









What percentage of Solano County residents use walking/biking as a primary mode to get to work?

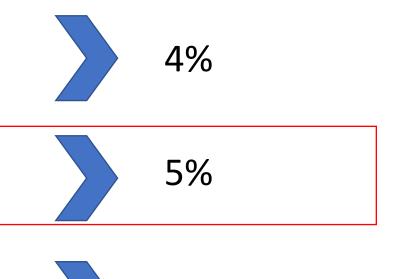










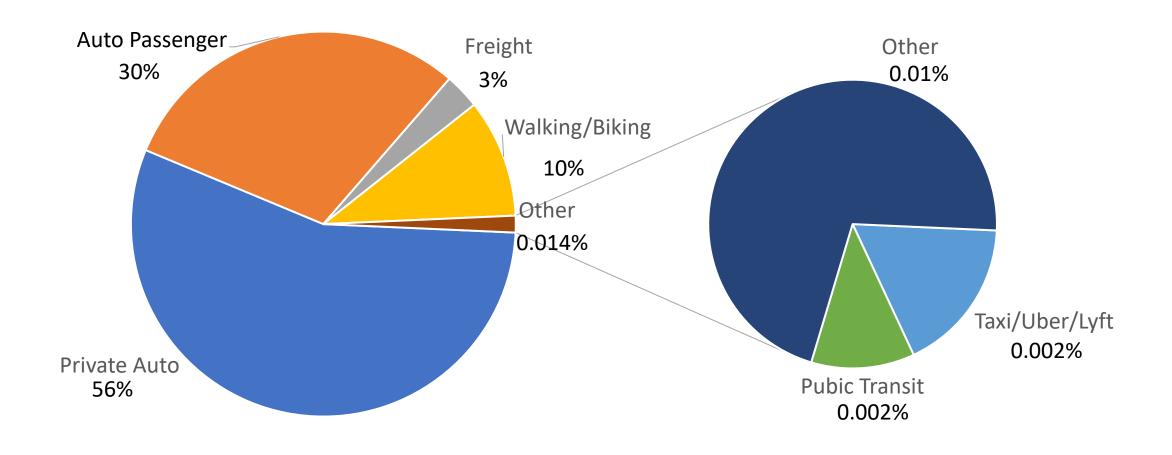


6%





Primary Mode of Transportation for Solano County Residents during an Average Day in Fall 2022



Agenda Item 5.D Active Transportation and Land Use

Robert Guerrero, Director of Planning

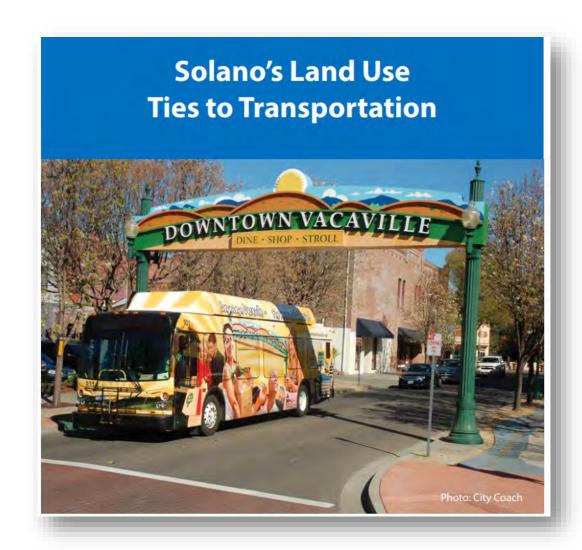


Active Transportation and Land Use

The Land Use Chapter provides information on the land use plans, policies and programs that will support the infrastructure and transportation investments in the Comprehensive Transportation Plan (CTP).

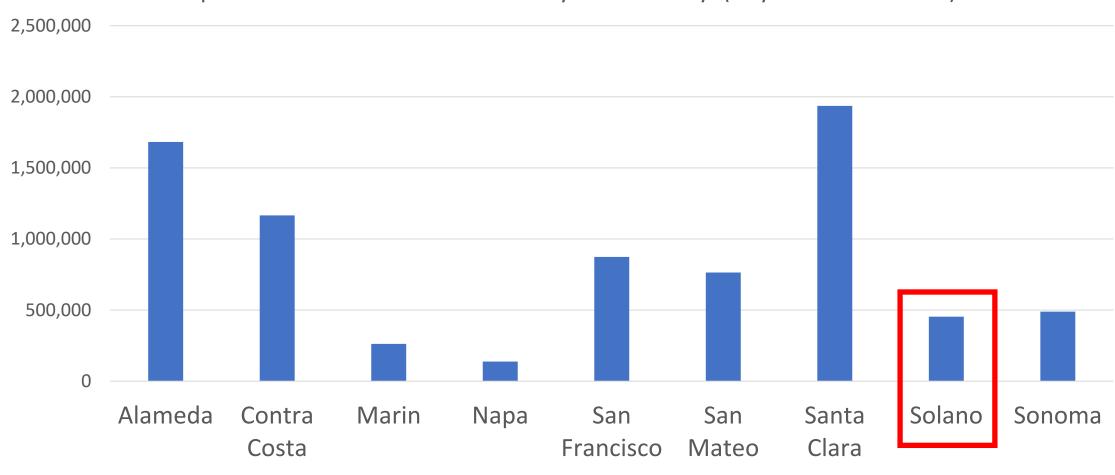
The chapter discusses housing and job production within Solano County and as well as summarizes the history and investments within the following land use designations:

- Priority Development Areas (PDA)
- Priority Conservation Areas (PCA)
- Priority Production Areas (PPA)

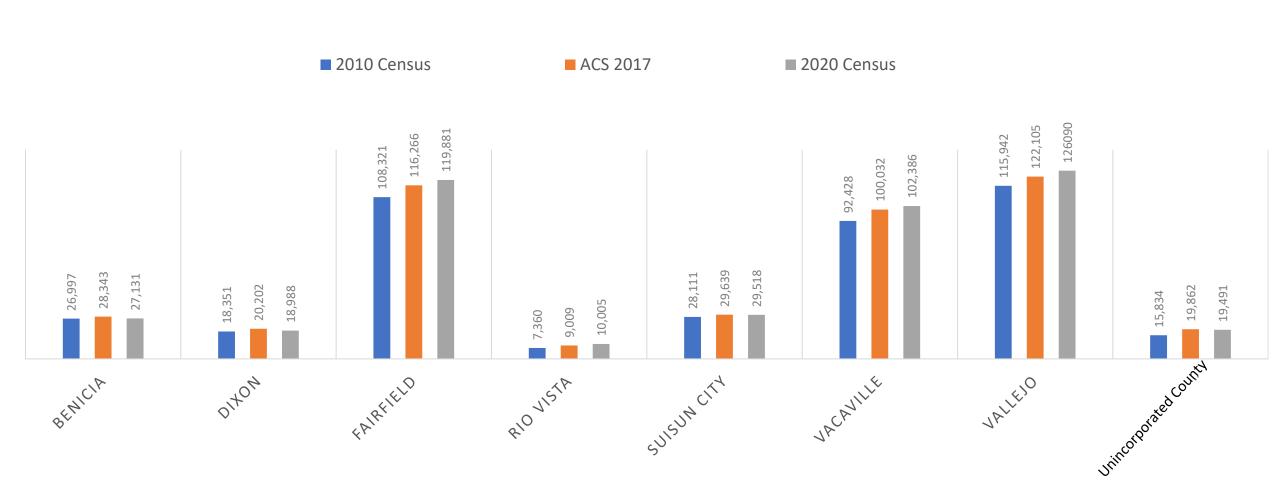


Active Transportation and Land Use-Population by County



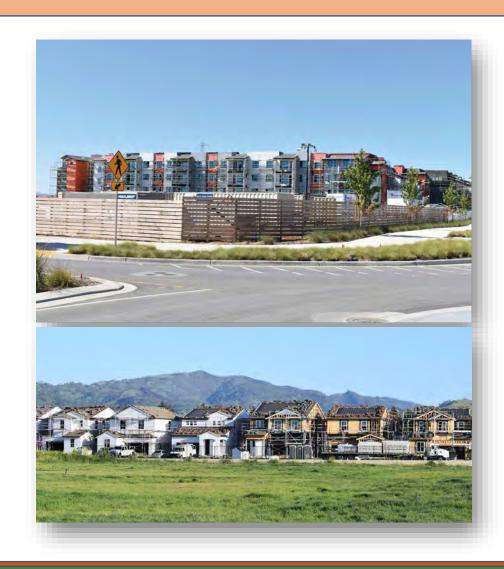


Active Transportation and Land Use- Population by each City and unincorporated County



STA Designated as Solano County Collaborative on Housing

- Designation made available Regional Early Action Planning (REAP) grant resources for the STA and its member agencies to use for Regional Housing Needs Allocation (RHNA) Process and updating their individual Housing Element update.
- Each City and the County of Solano are anticipated to have their Housing Elements approved by the State Housing and Community Development (HCD) in 2023.
- The STA and its member agencies are now starting work to develop a Housing Element Implementation Plan which would provide tools and resources for attracting housing development in Solano County.



Solano County 2021 PDA Designations



Solano County 2021 PPA Designations



Solano County 2021 PCA Designations



Questions?

Committee Member Round Table

Future Topics

Upcoming October 11, 2023 ATC Meeting:

- Introduction of Federal/State/Local Funding Sources
- Presentations of Active Transportation Priorities from Each of the Seven Cities and unincorporated County
- STA staff will be in communication with member agencies to present on their jurisdiction's active transportation project priorities
- Committee members are encouraged to engage with their respective city staff to understand their community's project priorities