



# **District 4 Bicycle Plan Purpose:**

The Plan will identify and prioritize investments to improve bicycling on and across the State-owned transportation network. This Plan complements and builds on statewide, regional and local planning efforts to help create a connected, comfortable, and safer bicycle network for the Bay Area.

# **CA State Bike & Ped Plan**

- Toward an Active California
- Policy-level plan with strategies for Caltrans districts
- Completed June 2017
- Website: <u>www.goactiveca.org</u>

# **Caltrans District 4 Bicycle Plan**

### Purpose:

- Identify and prioritize investments to improve bicycling on and across the State-owned transportation network
- Builds on policy-level CA State Bike & Ped Plan
- Complements regional and local planning efforts
- Scheduled completion: Feb 2018
- Website: <u>www.dot.ca.gov/d4/bikeplan/</u>

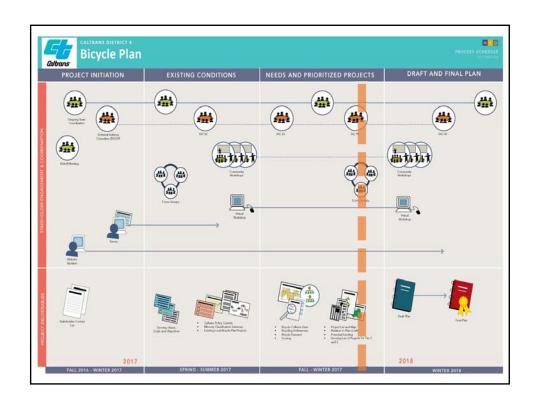




CALTRANS DISTRICT 4 BICYCLE PLAN

# **Tasks**

Task		Status
1	Project Management	Ongoing
2	Public Outreach & TAC	Ongoing
3	Goals and Objectives	Complete
4	<b>Existing Conditions</b>	Complete
5	Needs Analysis	Complete
6	Prioritize Projects	In progress
7	Draft and Final Plan	End of 2017





# **Round 1 Outreach**

- Spring 2017
- Focus groups
- Community workshops
- Online mapping survey



## CalTrans District 4 Bicycle Plan

elcome to the Caltrans District 4 Bicycle Plan (Bicycle Plan) survey. The Bicycle Plan will a visionary and comprehensive planning document to improve safety and mobility for cycless on and across the State transportation network in the Ray Area revion.

The state transportation network, owned and maintained by Calitram, includes more than 700 miles of freeways and expressways and over 1500 miles of non-freeway State highways throughout District 4. While local cities and counties have responsibility for many more streets and roads, this study will address barriers to bicyclists on roads that are typically higher speed and have higher volumes of automobile traces.

Caltrans has an opportunity to help remove barriers to bicycling on the State transportation network and to develop bicycle facilities that are safe, comfortable and convenient. We work you're insural.

convenient. We want your input! This is not your typical survey! For some questions, you will place markers on the man!





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# **Focus Groups**

Partnered with community-based organizations to target traditionally underrepresented communities:

- Cycles of Change
- Rich City Rides
- Sonoma County Bicycle Coalition
- Bike Concord
- Peninsula Conflict Resolution Center
- First Community Housing



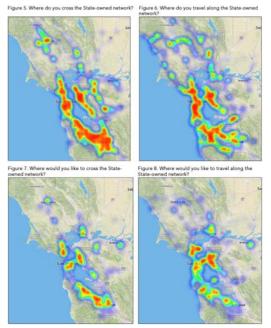
## **Priority Improvements**

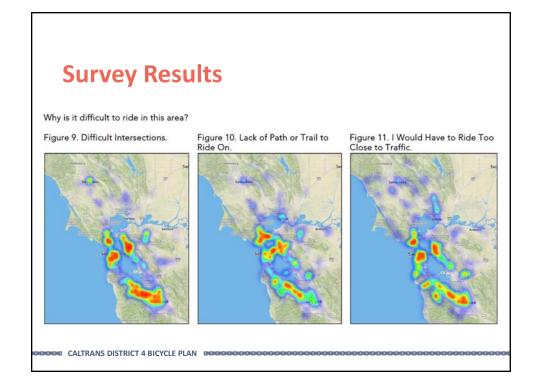
- Dedicated bike lanes
- Bike-friendly transit options
- Expand bike network and improve connectivity
- Cycling amenities (e.g., repair stations)
- Safe bike storage
- Education of drivers and cyclists
- Community bike events



# **Online Survey Results**

- April-May 2017
- 4,721 visitors to the website
- 3,498 respondents completed at least one question in the survey
- 20,157 "pins" on the map





# Round 1 Workshops

- Spring 2017
- Purpose
  - Inform participants
  - Share vision, goals, and objectives
  - Identify bicycle needs and deficiencies
- Round 1 Locations
  - San Francisco
  - Vallejo
  - San Jose



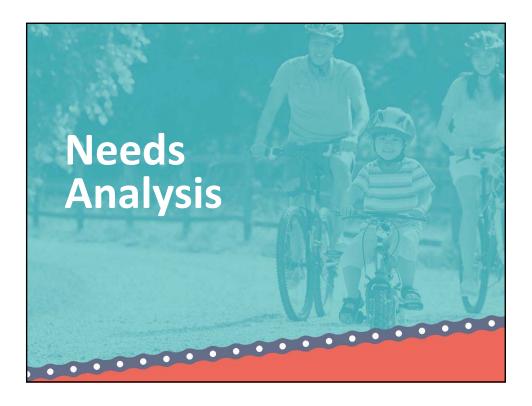


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# **Round 2 Workshops**

- Fall 2017
- Purpose
  - Confirm bicycle needs
  - Review draft priority locations and projects
- Proposed locations:
  - Oakland
  - Petaluma
  - Menlo Park
- Online/virtual component

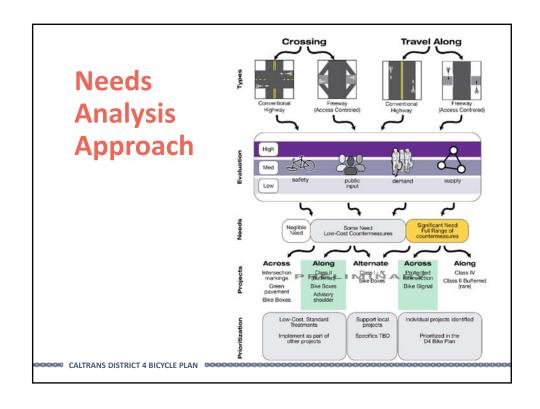


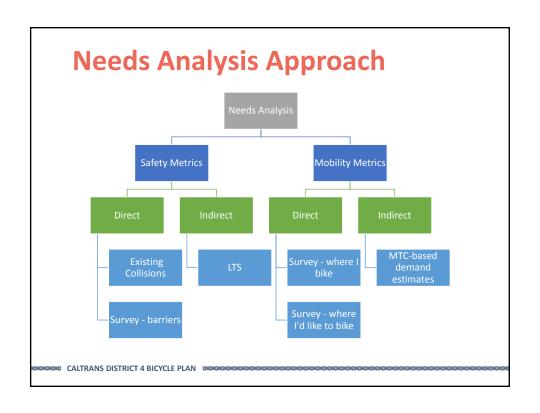


# **Needs Analysis Approach**

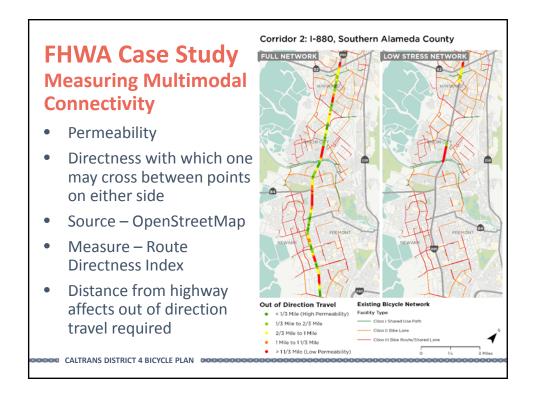
## **Goals**

- Identify where the SHS serves bicyclists
- Identify how the SHS complements local and regional networks
- Prioritize needs on and across the network
  - Demand
  - Safety
  - Supply/connectivity
  - Public input





# Preliminary Needs Analysis Results Thresholds set for each data input Collisions, survey input, LTS, etc. Map Legend Intereshed the mixed the retroord for the restored for





# **Project Types**

## **Striping/Maintenance**

- Extension of bike lane through intersection
- Green markings at conflict areas
- Enhanced Signage
- Rumble Strips
- Flexible Delineators
- Bike Box
- Two-stage turn box

## **Minor Project**

- Enhanced crossing with RRFB
- Enhanced crossing with PHB
- Bike Signal

## **Major Project**

- Protected Intersection
- Roundabout
- Signalized Intersection
- Overcrossing / Undercrossing
- Interchange reconstruction

# **Facility Types**

## **Urban Areas**

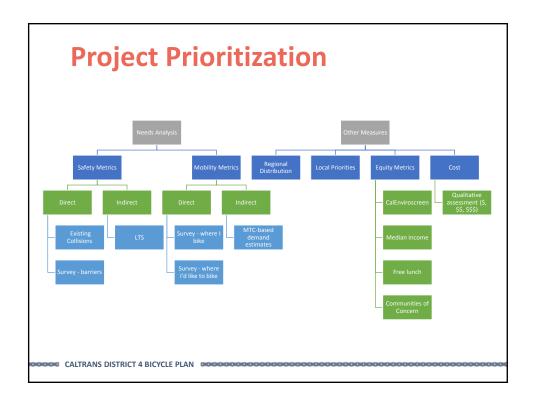
- Conventional highway crossing
- Ramps/Interchange
- Freeway as physical barrier
- Travel along conventional highway

## Suburban/Rural

- Conventional highway crossing
- Ramps/Interchange
- Freeway as physical barrier
- Travel along conventional highway

## Unique

- Travel along fwy/ bridge\*
- Corridors: ECR, San Pablo, E 14th/Intl





# **Final Product**

Online mapping tool GIS data

Short report on methodology Other products:

- Vision, Goals, and Objectives
- Outreach summary
- Bikeway Classification Guide
- Maps
- Project List



# **Implementation**

- State Highway Operation and Protection Program
  - Asset Management
  - Complete Streets component
- SB 1-funded projects
- Active Transportation Program
  - District 4 as applicant
  - Partnership and/or support for locally-sponsored grant applications
- Inform locally-sponsored projects and plans
- Inform corridor plans and Transportation Concept Reports

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# Thanks!

**Hugh Louch** 

Alta Planning + Design hughlouch@altaplanning.com

Sergio Ruiz

Caltrans District 4 Pedestrian & Bicycle Coordinator/Branch Chief <a href="mailto:sergio.ruiz@dot.ca.gov">sergio.ruiz@dot.ca.gov</a>