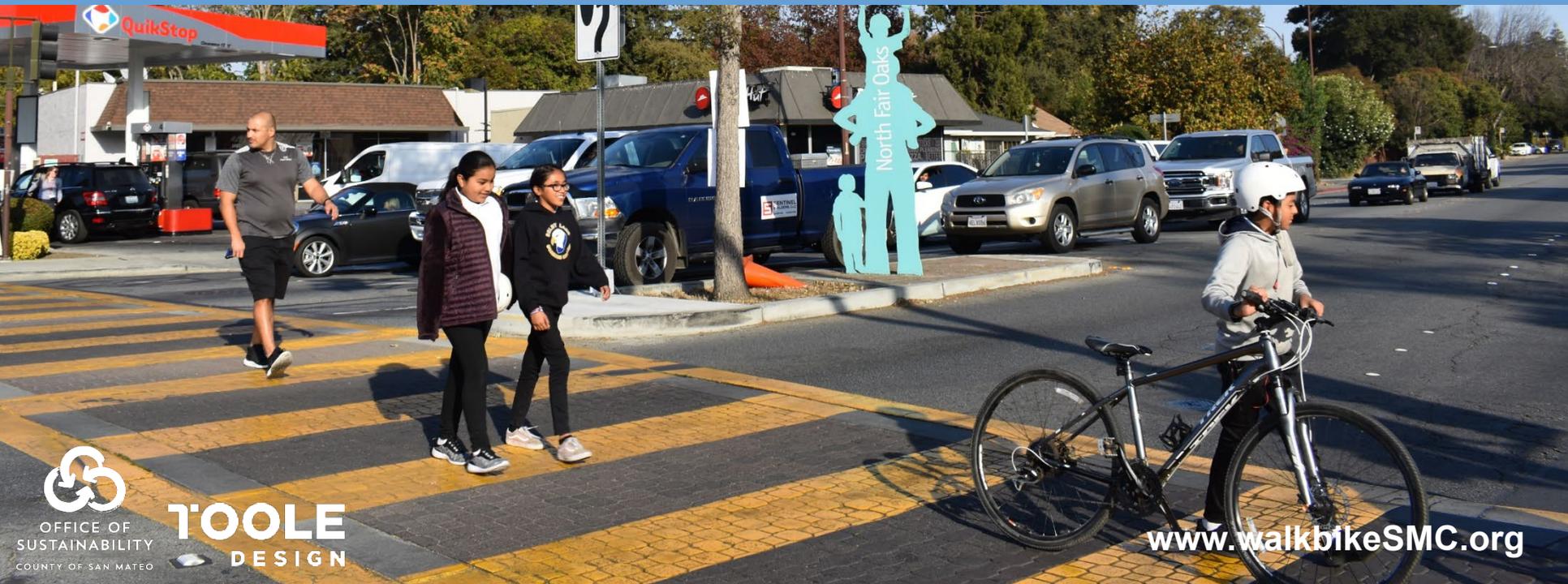


# Unincorporated San Mateo County Active Transportation Plan

November 2019 – Community Council Meetings



OFFICE OF  
SUSTAINABILITY  
COUNTY OF SAN MATEO

**TOOLE**  
DESIGN

[www.walkbikeSMC.org](http://www.walkbikeSMC.org)

# Agenda

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- Project Overview
- Existing Conditions
- Community Engagement
- Demand and Gap Analysis
- Project Recommendations
- Next Steps



# Project Overview

- Low-stress facilities
- Coordination with ongoing projects
- All ages and abilities
- Connecting communities
- Equity and inclusion



# Work Plan & Schedule

Task	Spring 2019	Summer 2019	Fall 2019	Winter 2020	Spring 2020	Summer 2020
Project Kick-Off						
Existing Conditions						
TAC and BPAC						
Public Participation	← Ongoing →					
Analysis, Network, and Recommendations						
Financial and Implementation Plan						
Draft and Final Plan						



# Existing Conditions

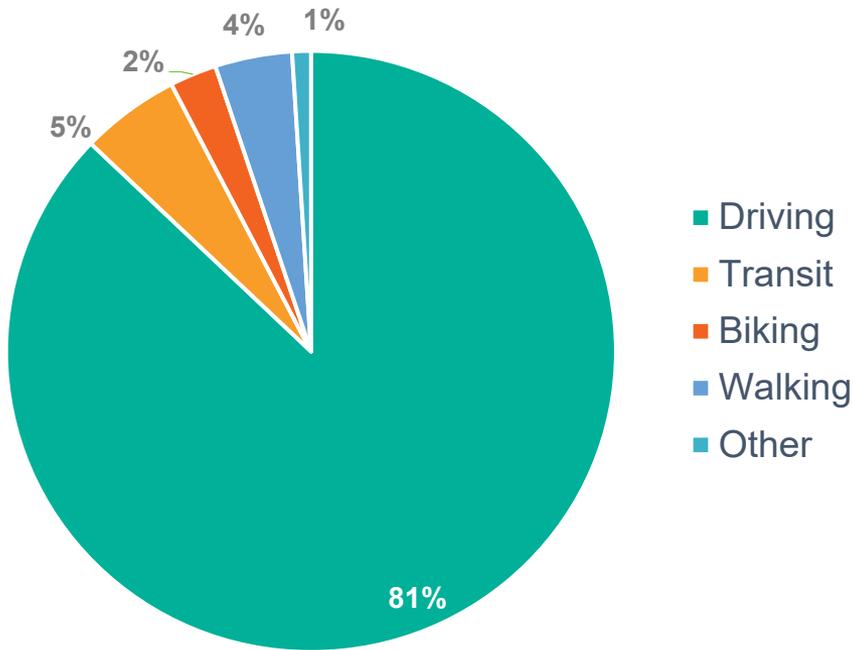
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- Travel Patterns
- Existing Facilities
- Counts
- Collision Analysis

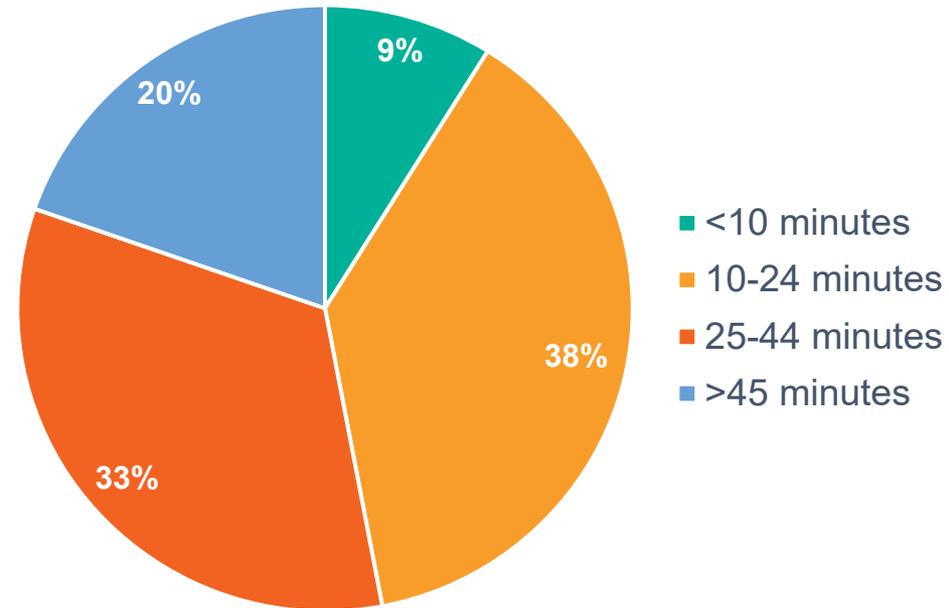


# Travel Patterns - Commute

## Mode Share

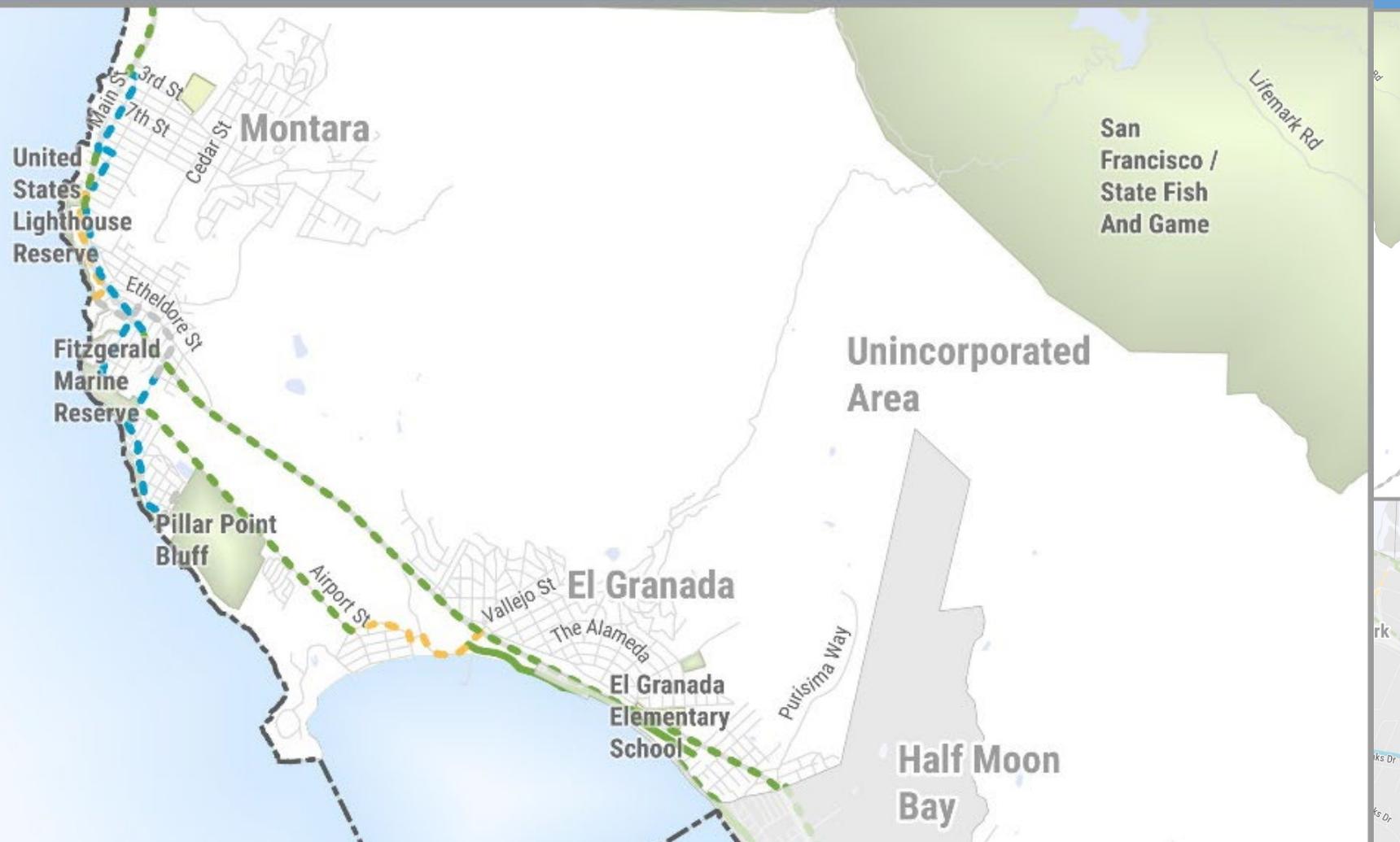


## Commute Length



# Existing Facilities

1



## Bicycle Facilities

- Proposed Bicycle Facilities**
- Class I: Trails
  - Class II: Bicycle Lane
  - Class III: Bicycle Route
  - Unclassified On-Street

## Existing Bicycle Facilities

- Class I: Trails
- Class II: Bicycle Lane
- Class III: Bicycle Route
- Class IV: Separated Bicycle Lane

## Other

- Park
- School
- Water
- Jurisdictions
- Unincorporated San Mateo County
- County Boundary

# Community Engagement – Phase 1

- Road Shows
- Workshops
- Website
- Survey



# Road Shows

## Locations

- Half Moon Bay Coastal Wildflower and Earth Day Festival
- North Fair Oaks Health Fair and Bike Rodeo
- Bike to Work Day in West Menlo Park
- Bicycle Sunday on Cañada Road
- Fair Oaks Community Center
- Pescadero Farmer's Market
- Siena Youth Center
- North Fair Oaks Adult Activity Center

## Key Takeaways

- People want to be able to walk and bike more places in the county
- People are often discouraged from walking and biking due to high vehicle speeds and unsafe facilities
- It's difficult to bike along and cross Highway 1



# Workshops

## Locations

- Half Moon Bay Yacht Club
- Fair Oaks Community Center

## Key Takeaways

- It's difficult to bike on the coast
- Sidewalks are often considered too narrow or nonexistent
- High vehicle travel speeds deter people from walking and biking
- Neighborhood traffic calming is desired
- Safer bike facilities and pedestrian crossings are desired

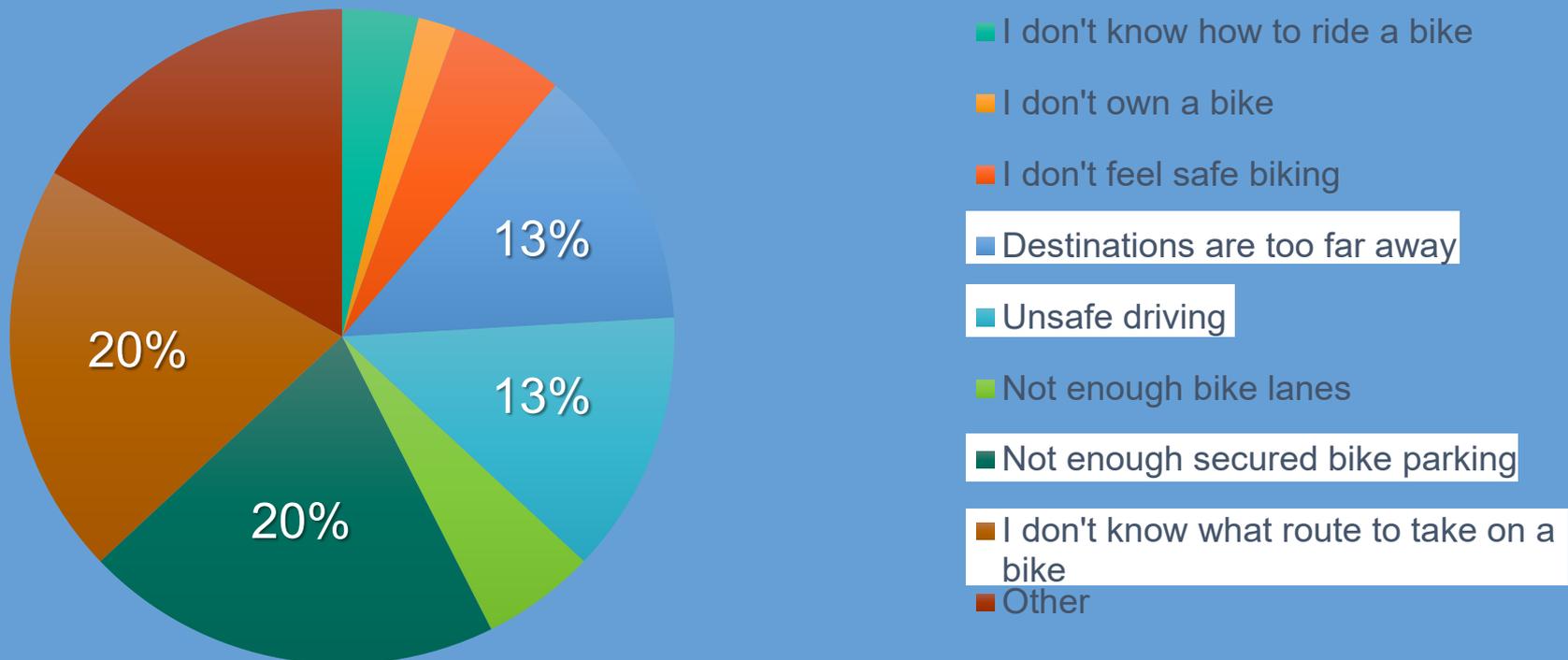




# Survey

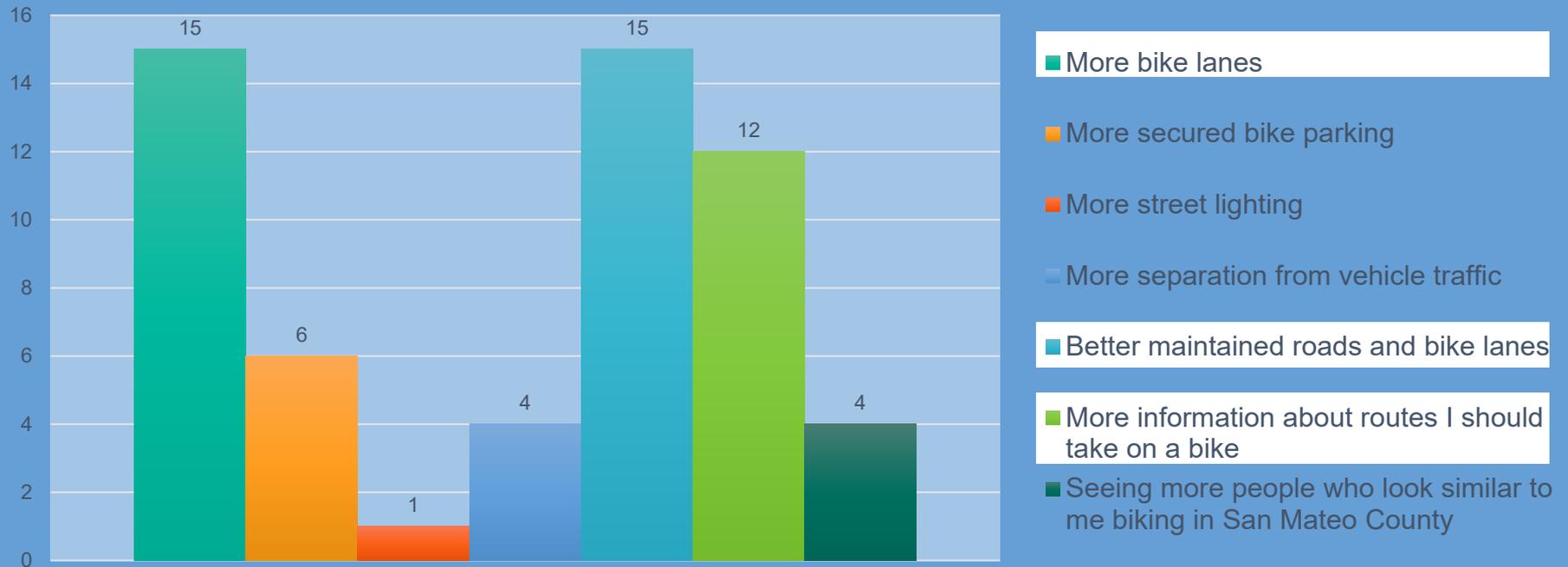
Online survey – 90 responses countywide | 23 responses from the coast and coastal-adjacent areas

*If you don't bike, why not?*



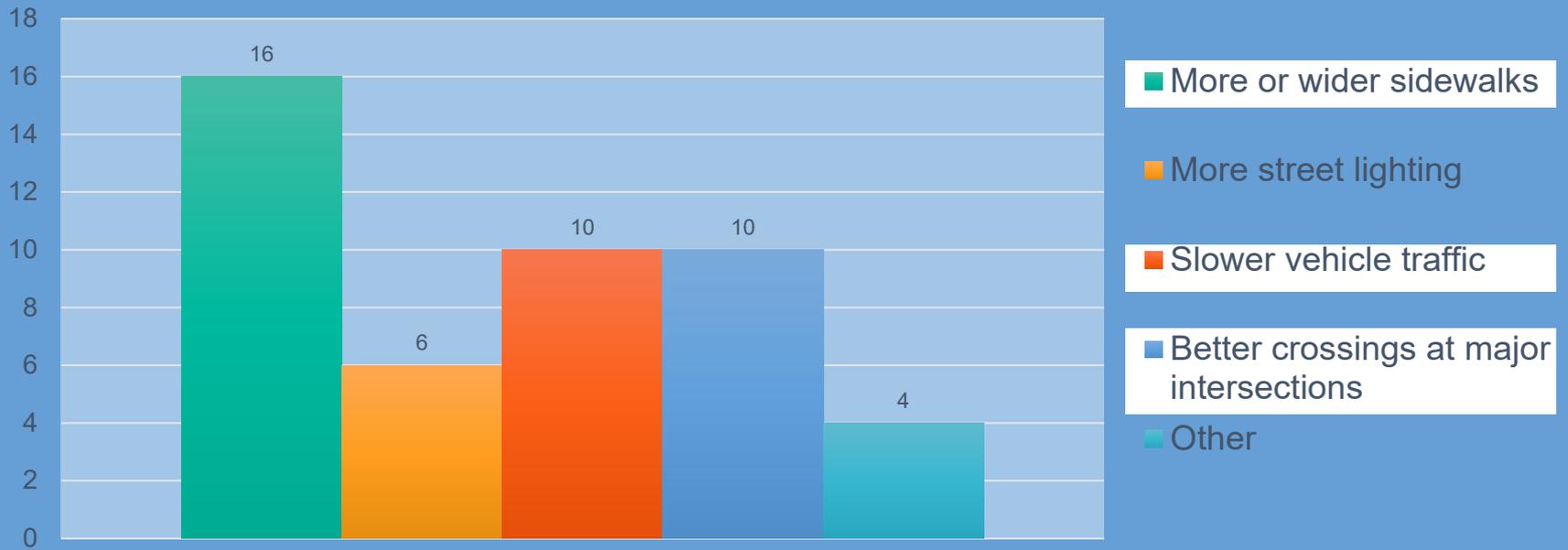
# Survey

*What would encourage you to bike more?*



# Survey

*What would encourage you to walk more?*



# Project Recommendations Process

---

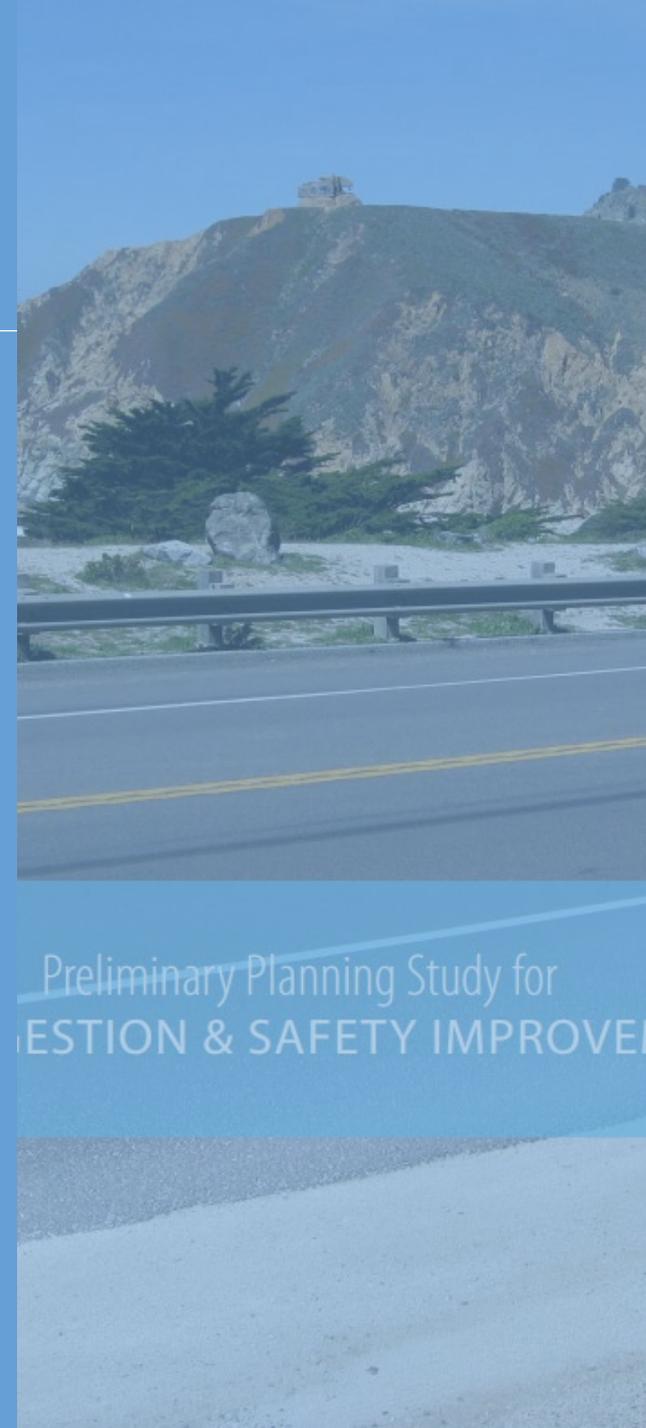
- Plan Review
- Demand analysis
- Gap analysis
- Study network
- Project recommendations



# Plan Review

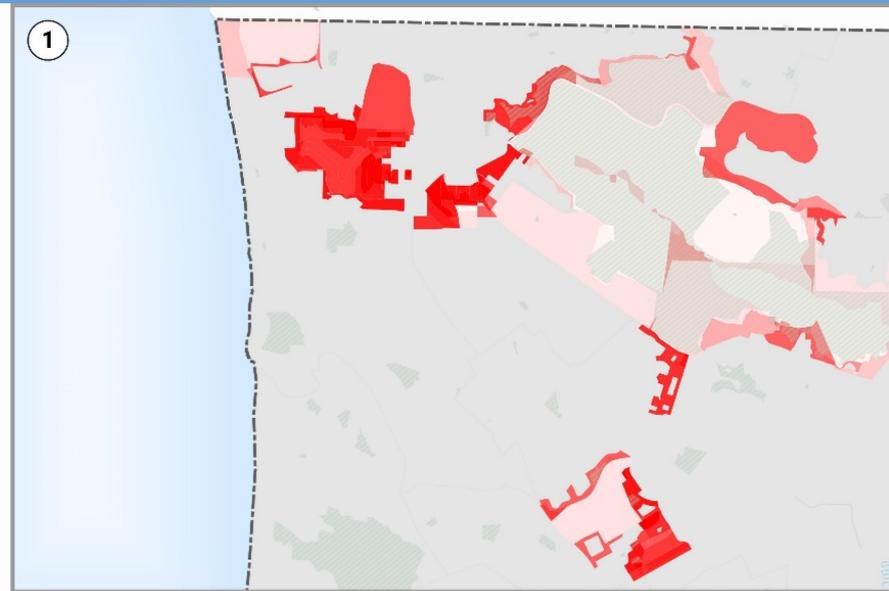
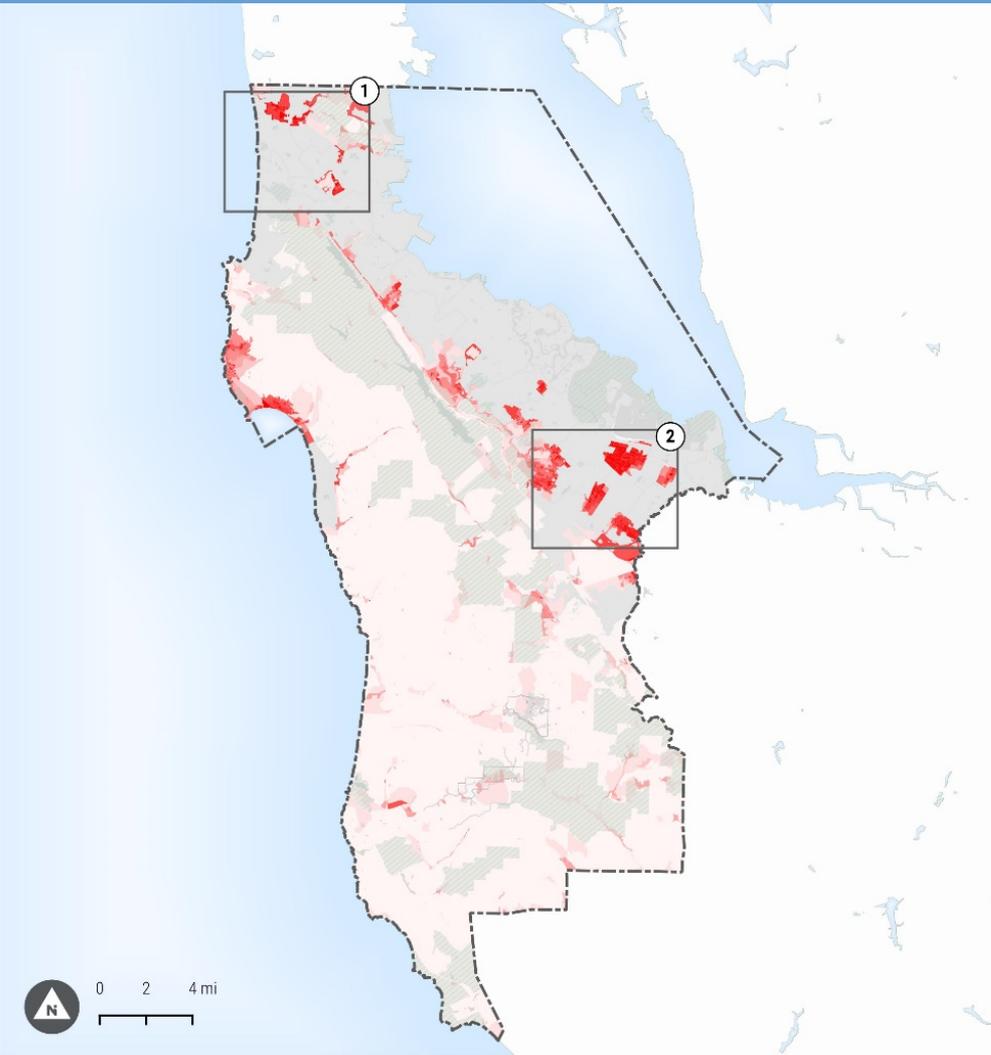
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- Connect the Coastside
- Highway 1 Safety and Mobility Improvement Study
- Plan Princeton
- San Mateo County Sea Level Rise Vulnerability Assessment
- Local Coastal Program Policies
- C/CAG Countywide Bike and Pedestrian Plan
- Caltrans District 4 Bike Plan



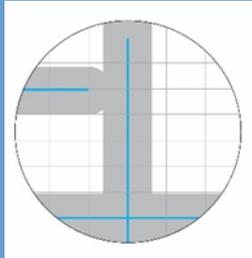
Preliminary Planning Study for  
RESTION & SAFETY IMPROVE

# Demand Analysis

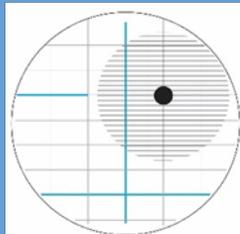


# Gap Analysis

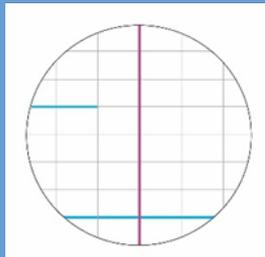
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Area Gaps



Access to Key Destinations



Facility Types



# Project Recommendations – Next Steps

- Develop study network
- Assess study network to provide project recommendations



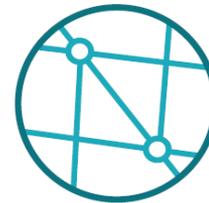
## **Safety**

The frequency and severity of crashes are minimized and conflicts with motor vehicles are limited



## **Comfort**

Conditions do not deter bicycling due to stress, anxiety, or concerns over safety



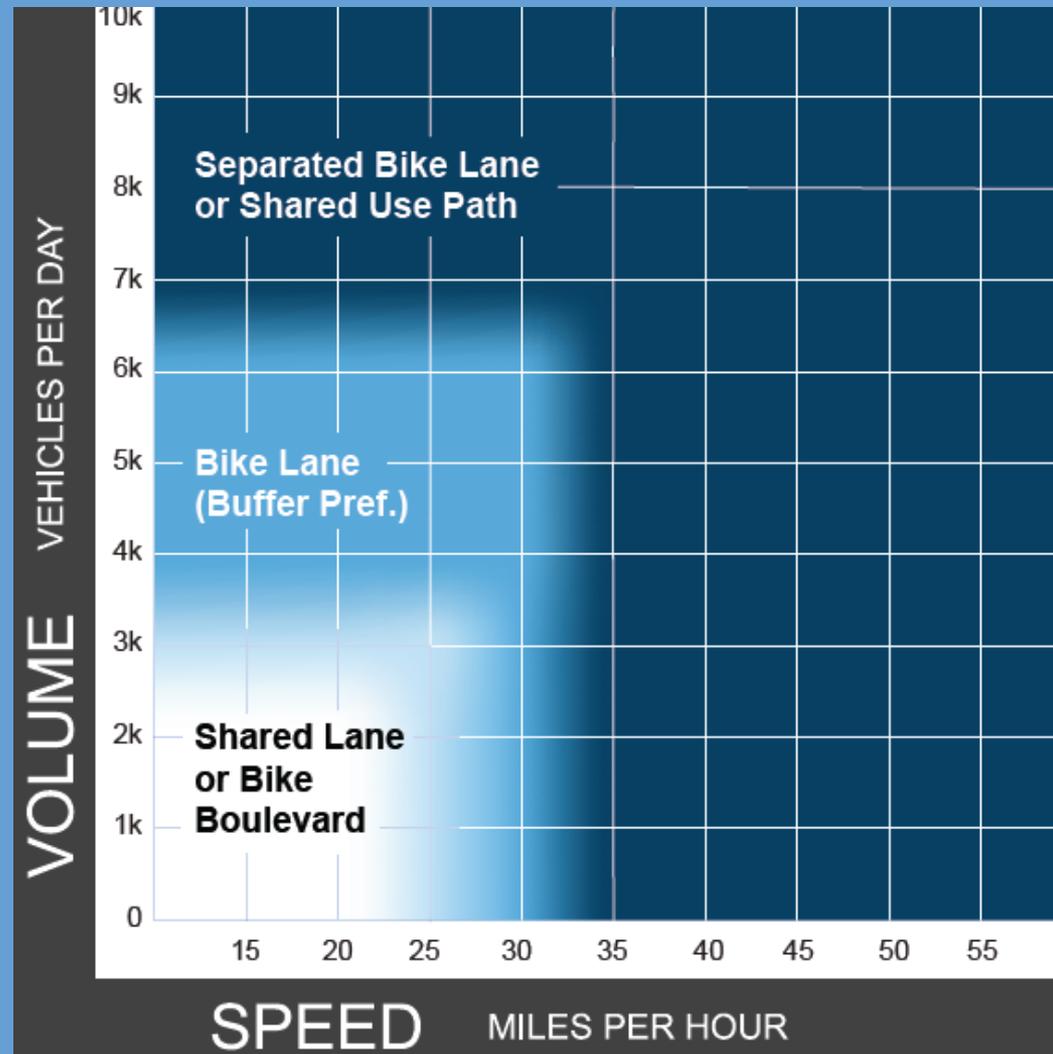
## **Connectivity**

All destinations can be accessed using the bicycling network and there are no gaps or missing links



# Facility Selection

General principle:  
As speeds and volumes increase, need for separation increases.



# Level of Traffic Stress



Not suitable for all ages and abilities

Suitable for all ages and abilities

# Implementation Actions to Consider

- Parking Removal
- Lane Removal
- Shoulder Widening
- Curb Modification





# Next Steps

- Develop project recommendations
- **Phase 2 public outreach – early 2020!**

Task	Spring 2019	Summer 2019	Fall 2019	Winter 2020	Spring 2020	Summer 2020
Project Kick-Off						
Existing Conditions						
TAC and BPAC						
Public Participation	← Ongoing →					
Analysis, Network, and Recommendations						
Financial and Implementation Plan						
Draft and Final Plan						

**Input from Community Councils**



# Questions?

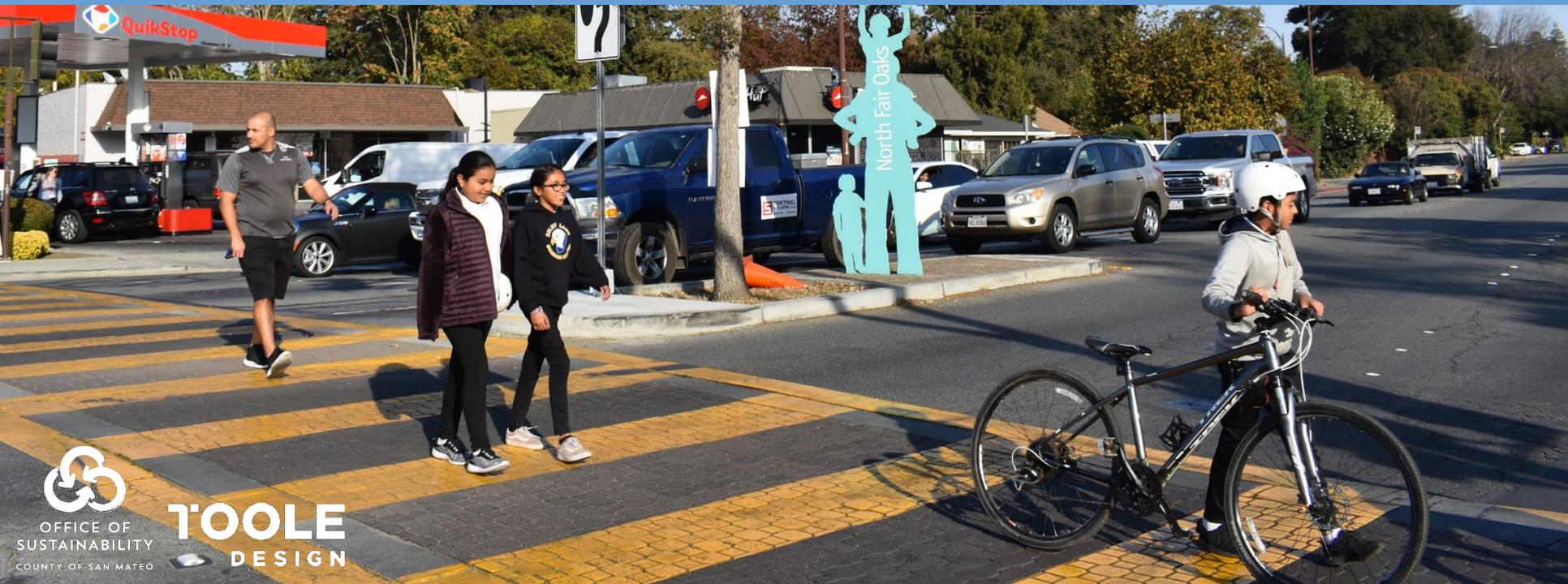
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Julia Malmo-Laycock – [jmalmolaycock@smcgov.org](mailto:jmalmolaycock@smcgov.org)

Sara Rauwolf – [srauwolf@tooledesign.com](mailto:srauwolf@tooledesign.com)



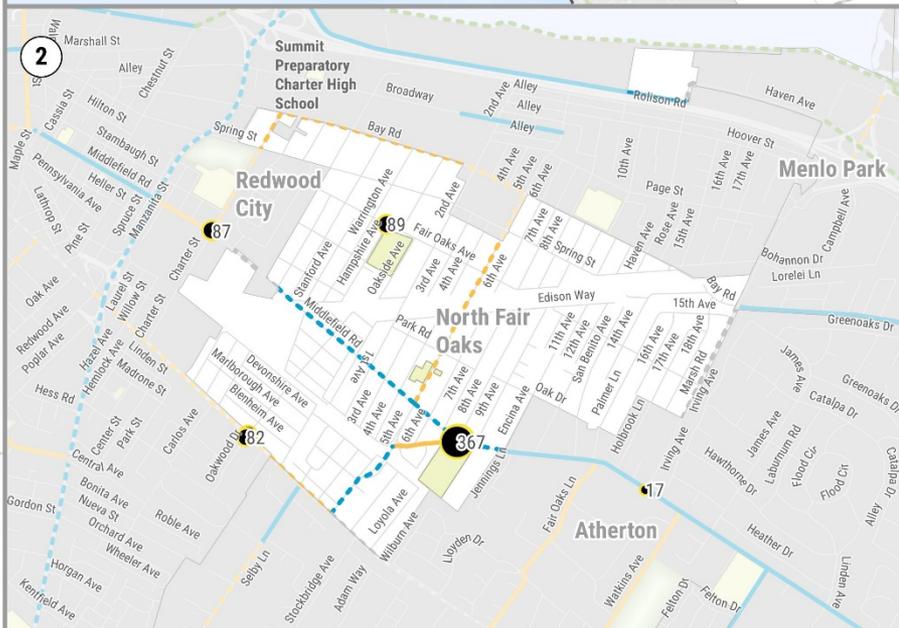
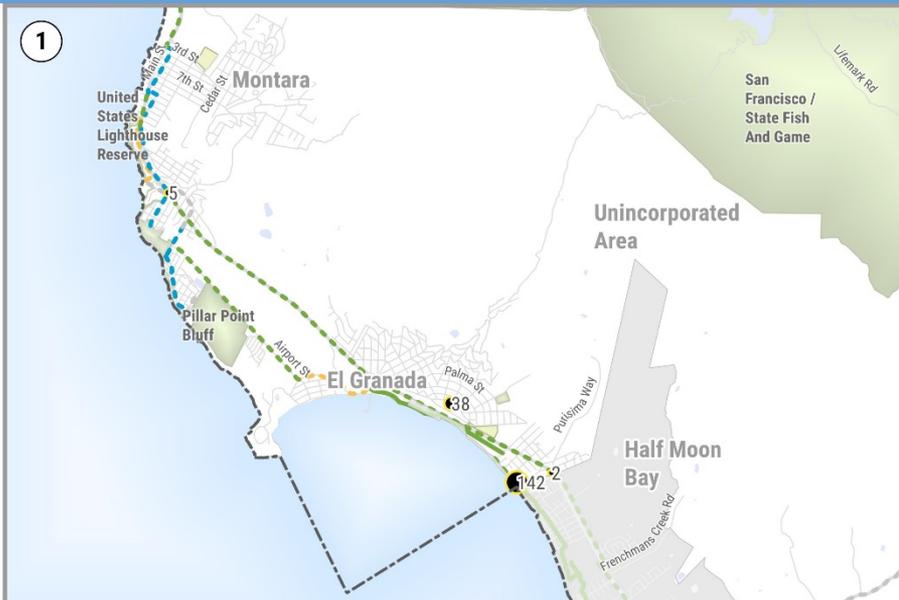
# Reserve Slides



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COUNTY OF SAN MATEO

**TOOLE**  
DESIGN

# Pedestrian Counts



**Pedestrian Counts**  
Average of counts from 2016-2018

● 0-200 (lower limit)  
● 1200-1400 (upper limit)

**Bicycle Facilities**

**Proposed Bicycle Facilities**

- Class I: Trails
- Class II: Bicycle Lane
- Class III: Bicycle Route
- Unclassified On-Street

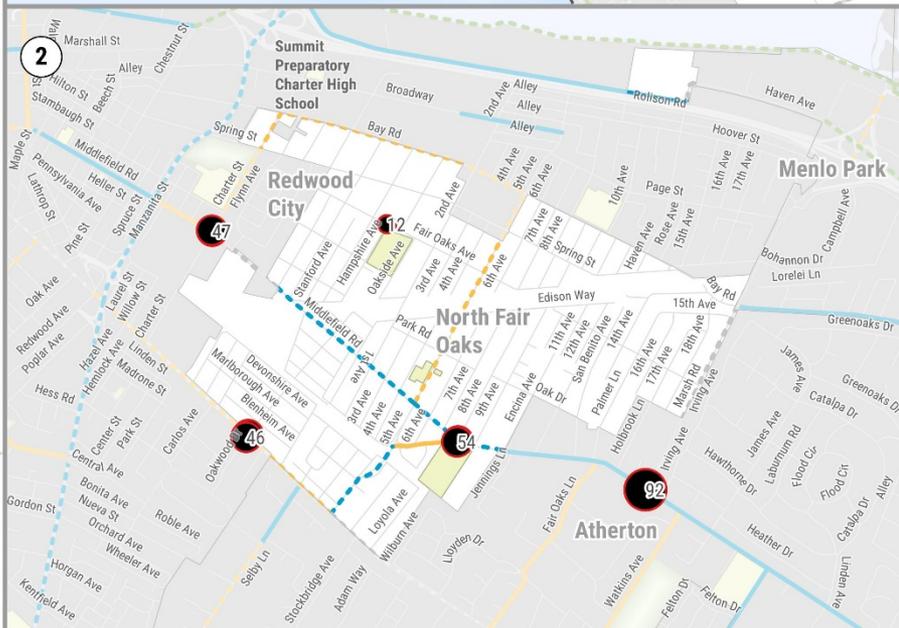
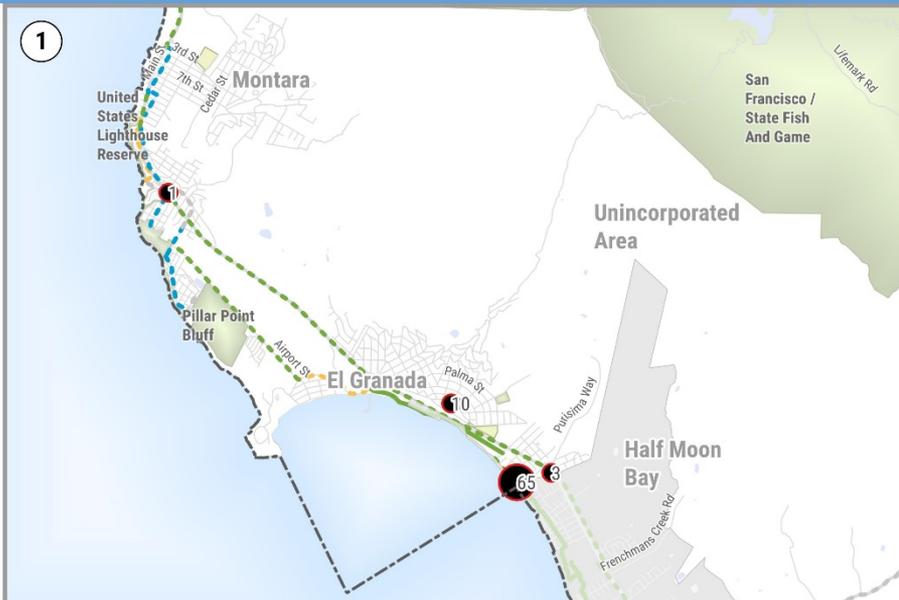
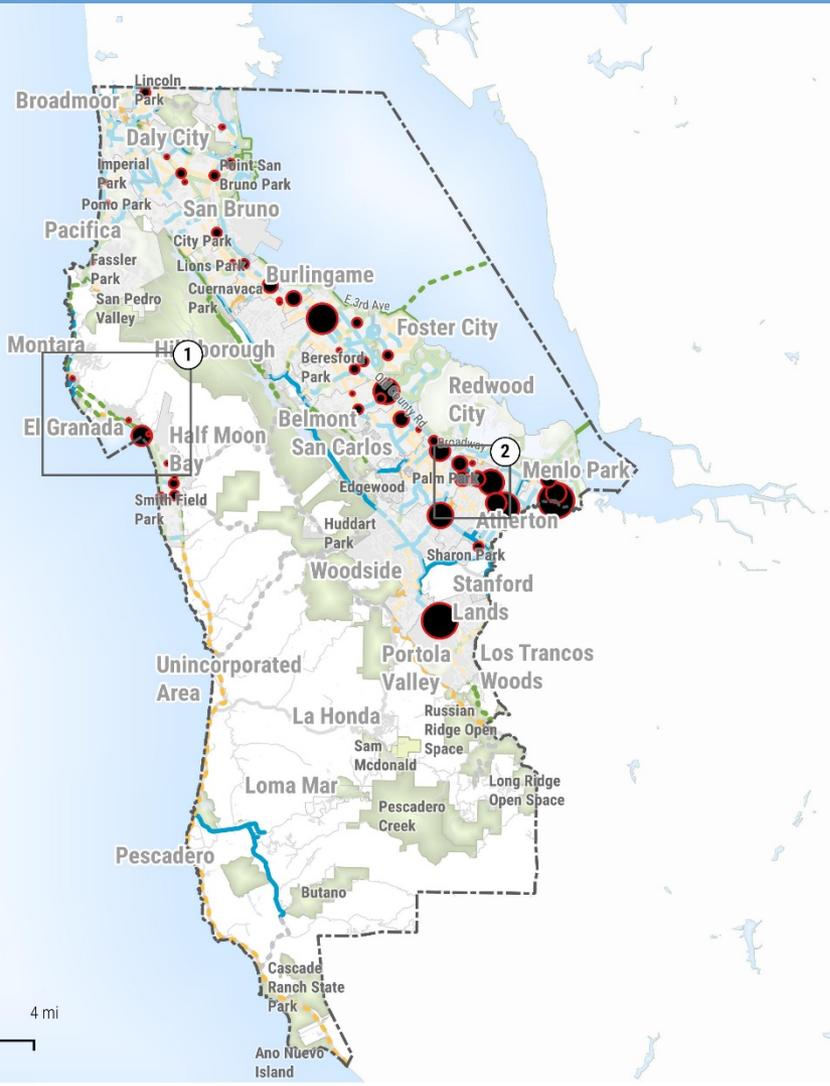
**Existing Bicycle Facilities**

- Class I: Trails
- Class II: Bicycle Lane
- Class III: Bicycle Route
- Class IV: Separated Bicycle Lane

**Other**

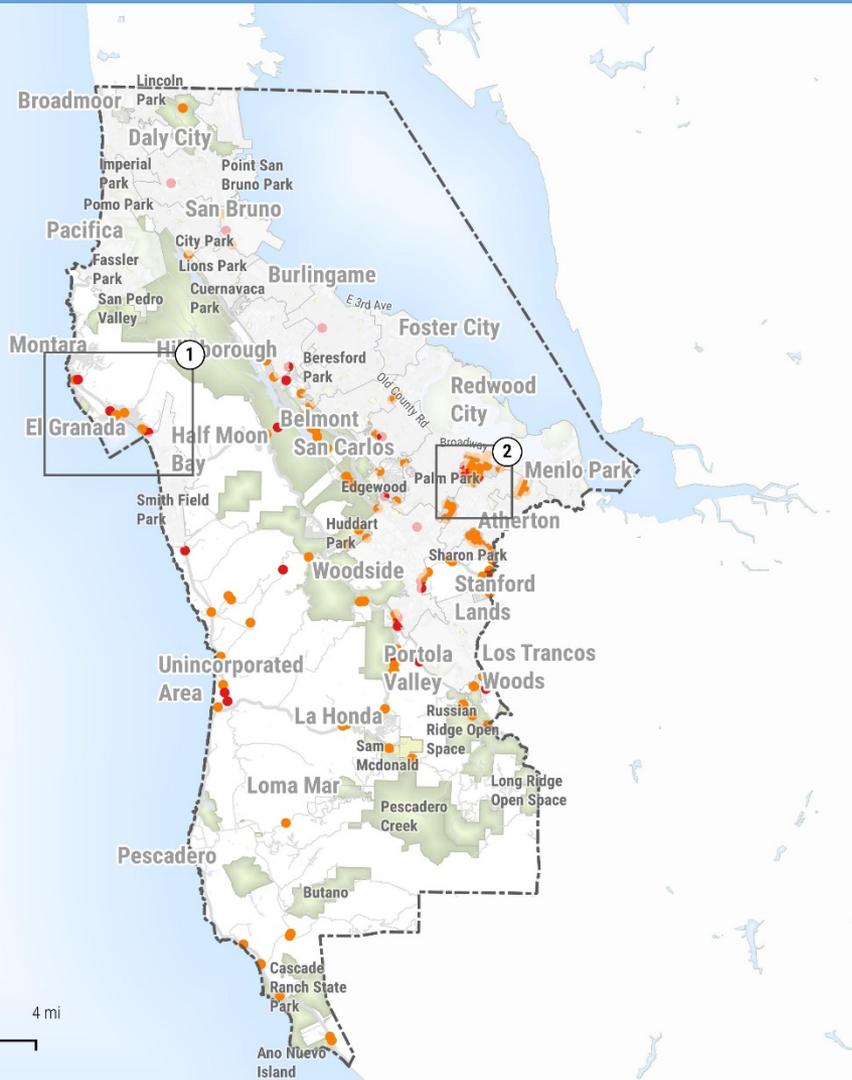
- Park
- School
- Water
- Jurisdictions
- Unincorporated
- San Mateo County
- County Boundary

# Bicycle Counts



<p><b>Bicycle Counts</b> Average of counts from 2016-2018</p> <p>● 0-20 lower limit</p> <p>● 120-140 upper limit</p>	<p><b>Bicycle Facilities</b></p> <p><b>Proposed Bicycle Facilities</b></p> <ul style="list-style-type: none"> <li>--- Class I: Trails</li> <li>--- Class II: Bicycle Lane</li> <li>--- Class III: Bicycle Route</li> <li>--- Unclassified On-Street</li> </ul> <p><b>Existing Bicycle Facilities</b></p> <ul style="list-style-type: none"> <li>--- Class I: Trails</li> <li>--- Class II: Bicycle Lane</li> <li>--- Class III: Bicycle Route</li> <li>--- Class IV: Separated Bicycle Lane</li> </ul>	<p><b>Other</b></p> <ul style="list-style-type: none"> <li>■ Park</li> <li>■ School</li> <li>■ Water</li> <li>■ Jurisdictions</li> <li>■ Unincorporated</li> <li>■ San Mateo County</li> <li>■ County Boundary</li> </ul>
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# Collisions



**Collisions**

- KSI crashes\*
- Other crashes

**Other**

- Park
- School
- Water
- Jurisdictions
- Unincorporated San Mateo County
- County Boundary

\*Killed or seriously injured

