



Moraga Road / Canyon Road Complete Streets - SS4A Project

December 4, 2023



Project Website

[www.moraga.ca.us/606/MoragaCanyon
-Road-Complete-Street-Projec](http://www.moraga.ca.us/606/MoragaCanyon-Road-Complete-Street-Projec)

Questions or Comments

Nate Levine, PE, Senior Engineer
nlevine@moraga.ca.us



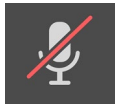
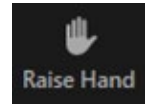
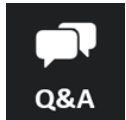
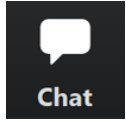
Agenda

- Project Overview and Background
- Public Engagement Process To-Date
- Online Engagement Feedback Summary
- Analysis
- Concept Plans
- Next Steps
- Q&A / Feedback



Using Zoom

- The chat will be open and monitored during the presentation.
- Type questions and comments in the Q&A window.
- Raise your hand to speak during Q&A sessions.
You will be asked to unmute when it's your turn.
- This meeting will be recorded and posted online.





Project Team

Town Staff (~~Local~~ *Agency*)

Nate Levine | Senior Engineer

CCTA Staff (~~Implementing~~ *Agency*)

Andrew Dillard | Senior Engineer

Consultant Team

Joe Paull | Project Manager, *Sandis*

Marisa Lee | Associate, *Fehr & Peers*

Project Background

Project Extents

Moraga Road / Canyon Road

- St. Mary's Road (north) to Sander's Drive (south)
- Includes Lafayette-Moraga Regional Trail Crossing @ St. Mary's Road
- Includes all intersections in between



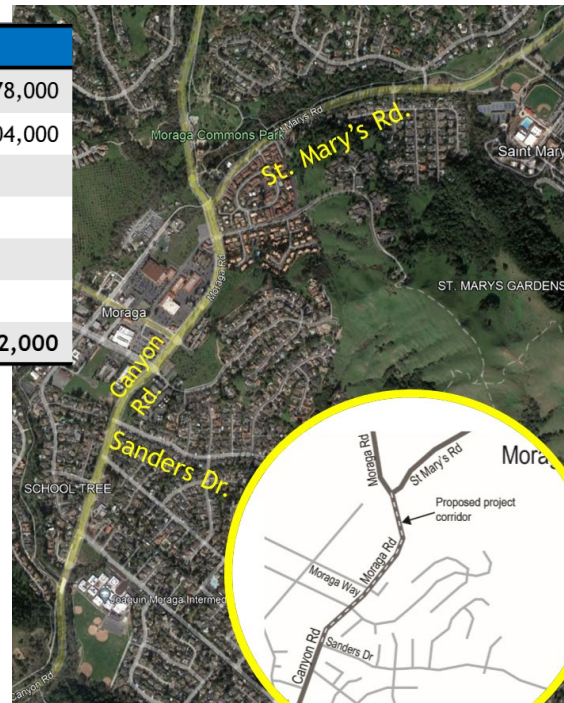


Project Purpose and History

Estimated Cost		Estimated Funding	
CCTA Project Management	\$248,000	Local Funds (Measure J/LFFA)	\$878,000
Environmental Clearance	\$115,000	SS4A Federal Funds	\$3,004,000
Design	\$400,000		
Right-of-Way Acquisition	\$115,000		
Construction	\$2,620,000		
Construction Management	\$384,000		
Total	\$3,882,000	Total	\$3,882,000


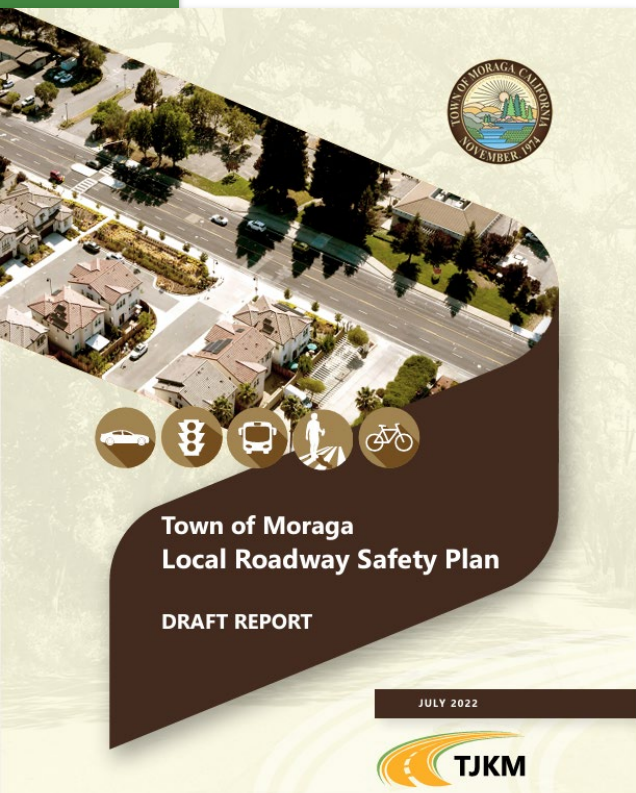
Key Milestones

- **2016** - Moraga/Canyon Rd was identified for safety improvements in the Walk and Bike Plan and CIP Project.
- **2022** - Moraga's SS4a grant application was selected for inclusion in USDOT's SS4A Grant Program
- **Winter 2023** - CCTA was awarding funding to deliver the SS4A projects, Moraga's project was selected and funded
- **Spring 2024** - CCTA and the Town selected a consultant team to deliver the planning and design phases of the project






Planning Studies That Led us Here




Town of Moraga
Local Roadway Safety Plan
DRAFT REPORT

JULY 2022




ID	Intersection	Total Injury Collisions
1	Moraga Rd at Lucas Dr	6
2	Moraga Wy at Moraga Valley Ln	1
3	Moraga Rd at Campolindo Dr	3
4	Moraga Rd at St. Marys Rd	3
5	Moraga Rd at Alta Mesa	3
6	Camino Pablo at Sanders Ranch Rd	2
7	Moraga Rd at Ascot Dr	3
8	Moraga Rd at Donald Dr	2
9	Rheem Blvd at St. Marys Rd	2
10	Moraga Wy at School St	2
11	Moraga Rd at Corliss Dr	1



CONNECT CONTRA COSTA
Planning for Tomorrow's Transportation
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.....
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Lamorinda Action Plan
Proposal for Adoption | March 2023

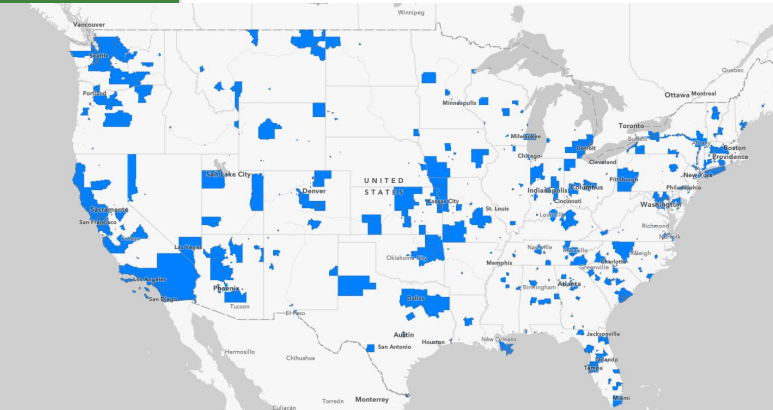


Moraga
Walk|Bike Plan



Safe Streets for All (SS4A) Funding

- ❖ Bicycle and Pedestrian Safety Improvements To Improve Equity Countywide in Contra Costa includes the following five projects:



- Antioch Bicycle Garden (\$4,000,000)
- Antioch L Street Pathway to Transit – Bicycle and Pedestrian Improvements (\$13,008,000)
- Richmond Street Complete Streets Improvements (\$8,003,000)
- Moraga Road and Canyon Road Complete Streets Improvements (\$3,004,000)
- San Francisco Bay Trail Gap Closure – Martinez Intermodal Station to Crockett (SS4A Grant: \$925,000)



Town / CCTA Partnership

- ❖ **Town of Moraga:** Local Agency
- ❖ **CCTA:** Implementing Agency (Project/Contract Management, Federal Funds Administration)
 - Town is ultimate decision-making authority on project design.
 - CCTA streamlined agreement with FHWA to expedite project delivery.
 - SS4A projects must be completed within 5 years (Spring 2029)



SS4A - Safe Systems Approach

Objectives

- Safer People
- Safer Roads
- Safer Vehicles
- Safer Speeds
- Post-Crash Care





WHAT IS A COMPLETE STREET?





Project Schedule



Public Engagement Process



Community Engagement Schedule



Phase 1: Confirm Project Need

- September: Pop-up event at Canyon Club Brewery



Phase 2: Preliminary Concepts

- October: Community Meeting on Project Alternatives
- October-November: Online Alternatives and Priorities Survey



Current Phase

Phase 3: Confirm and Refine

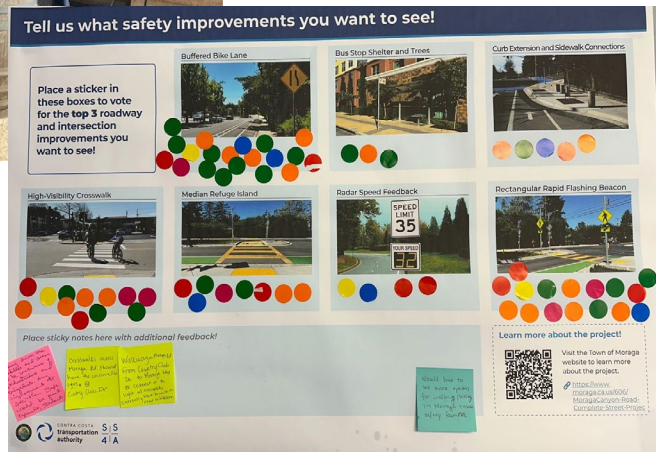
- Finalized Concept for Public Comment at virtual meeting
- Town Council Meeting for Public Comment and Presentation of Finalized Concept



Community Engagement Process

Phase 1: Confirm Project Need

- September: Pop-up event at Canyon Club Brewery





Community Engagement Process

Phase 2: Preliminary Concepts

- October: Community Meeting on Project Alternatives

Outcomes of the Community Meeting:

- Overall support for the project
- Desire for bicycle and pedestrian safety
- Support for:
 - buffered bike lanes
 - enhanced pedestrian crossings
 - improved connectivity in sidewalks





Community Engagement Process

Phase 2: Preliminary Concepts (continued)

- October-November: Online Survey - Alternatives and Priorities

Community Departments Government How Do I... Services

Town of **MORAGA** California

Facebook Twitter LinkedIn Instagram Search

Moraga/Canyon Road Complete Street Project-SS4A

Public Outreach Meeting #2 (Posted 11/21/24)

When: December 4th, from 7:00 PM - 8:30 PM

Where: (Virtual) <https://fehrandpeers.zoom.us/j/85986396095>

At this meeting, we will share what we've heard from you from the October Meeting and survey, present refined preliminary designs, and ask for your input on refinements to incorporate into the final design.

Thank you to those who attended our October Meeting and completed the online community survey!

Community Survey (Posted 10/23/24)

We need to hear from you!

Your input is needed for a successful project, and your opinions matter. Please complete

Upcoming Public Meetings:

12/04/2024 - 7:00 PM

Virtual Meeting:
<https://fehrandpeers.zoom.us/j/85986396095>
<https://fehrandpeers.zoom.us/j/85986396095>

Contact Us

Nate Levine
Senior Engineer
nlevine@moraga.ca.us
Phone: (925) 888-7023

Select Language Google Translate

Community

- Canyon Road Bridge Replacement Project
- Pavement Management Program
- Laguna Creek Restoration Project
- Local Roadway Safety Plan
- Town Facilities Energy Generation Study
- Moraga Road and Hacienda Drainage Project
- 2021 - 2023 Annual Storm Drain Repairs



Community Engagement Summary

Online Engagement

30



Survey Responses

The online survey asked about current uses and biggest concerns on the corridor.

Community Meeting

21



Meeting Attendants & Poll Participants

The community meeting presented preliminary conceptual drawings and asked residents about their preferences for improvements.

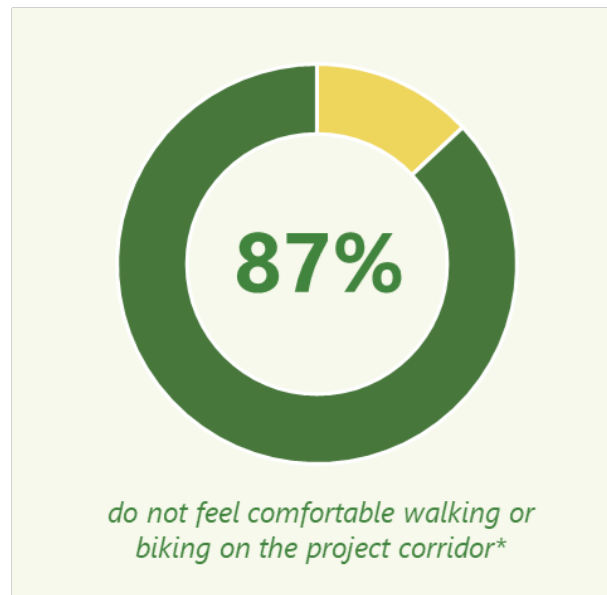
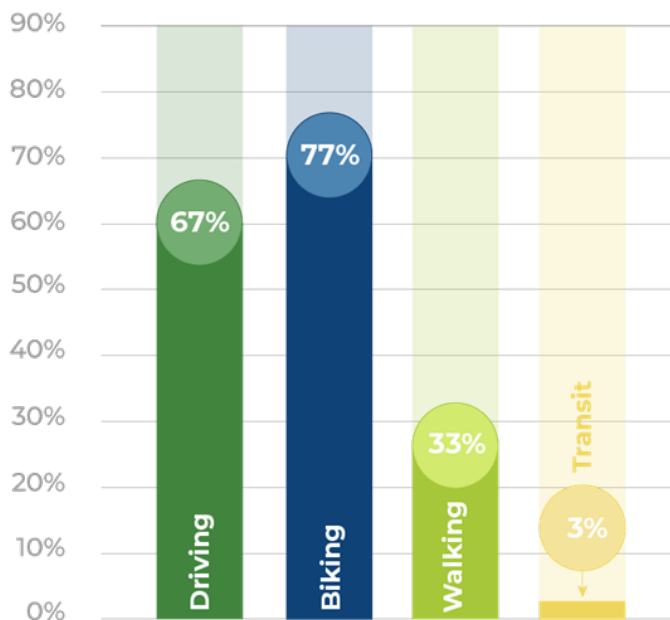
Online Engagement Response Summary



Community Engagement: Online Poll

Current Travel Behavior and Culture

Current Modes of Travel*



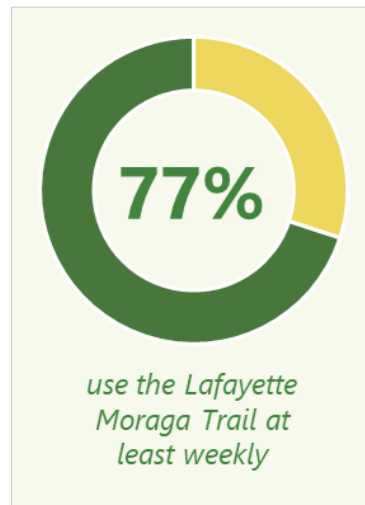
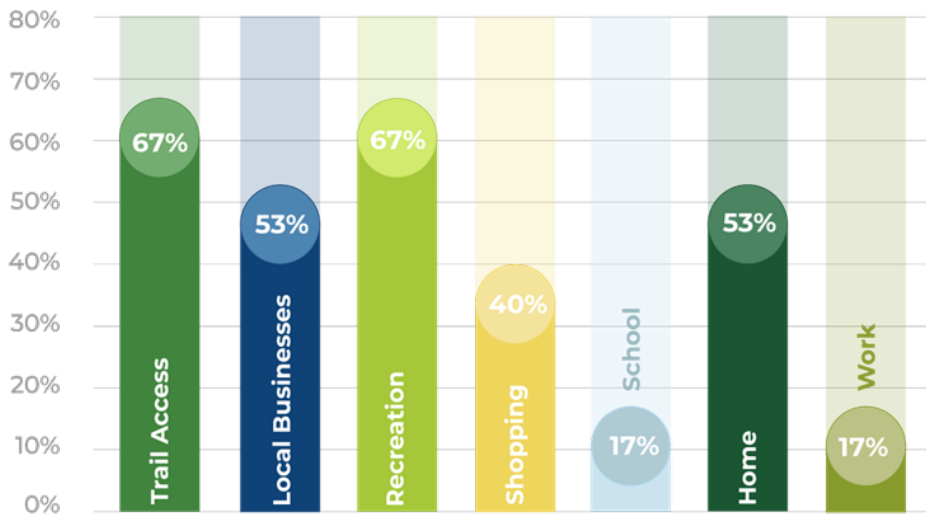
*When using the Moraga Road / Canyon Road corridor



Community Engagement: Online Poll

Current Travel Behavior and Culture

Where are you traveling to?*

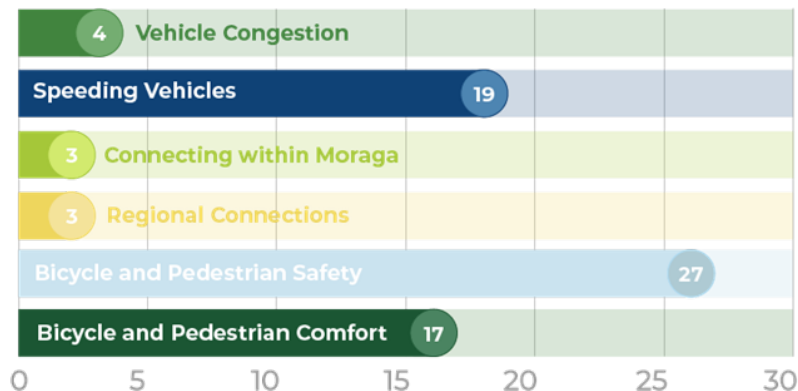


*When using the Moraga Road / Canyon Road corridor

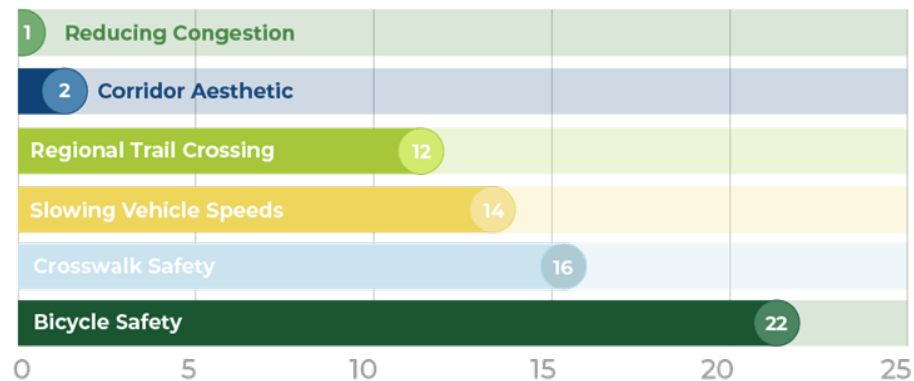


Community Engagement: Online Poll

Community Concerns



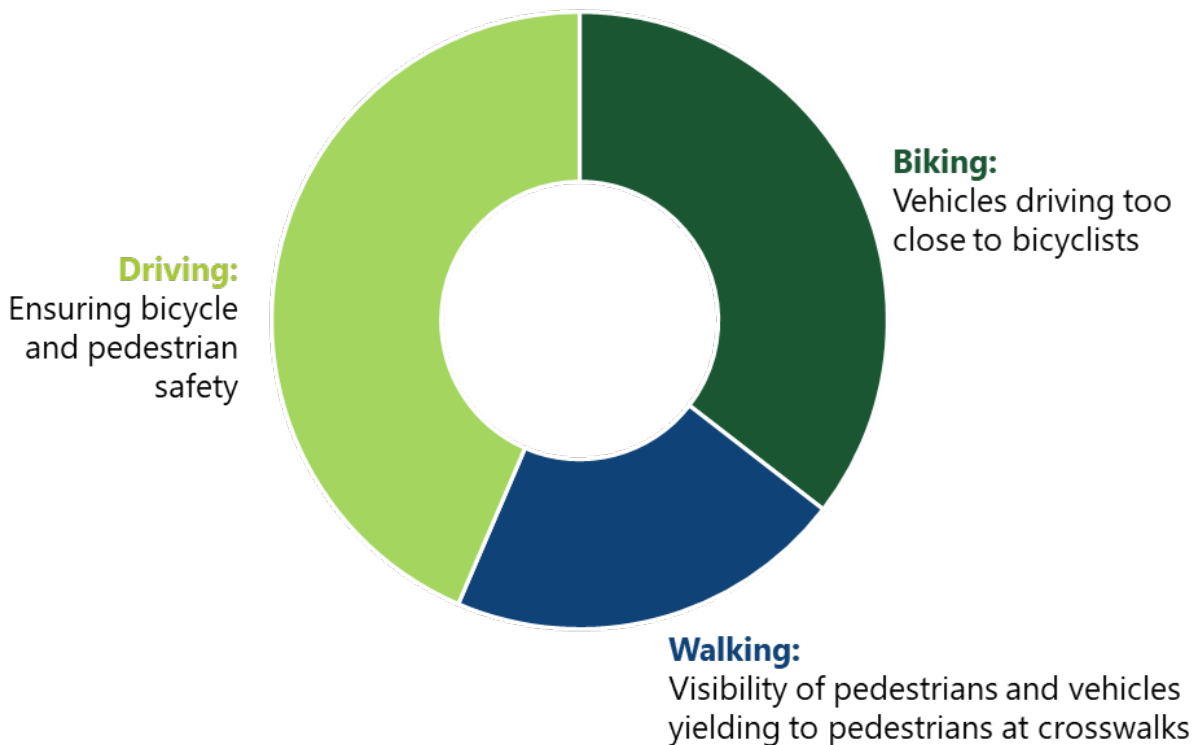
Corridor Priorities





Community Engagement: Online Poll

Highest Concerns by Travel Mode

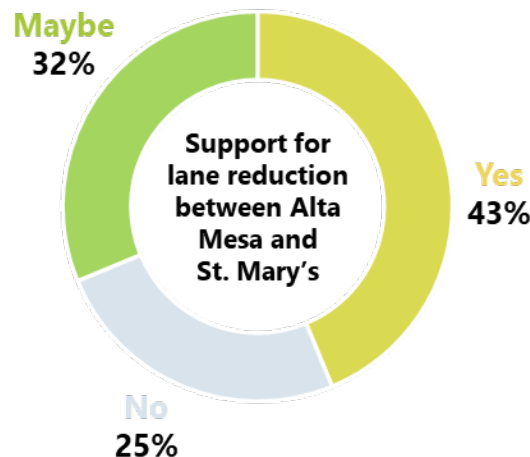
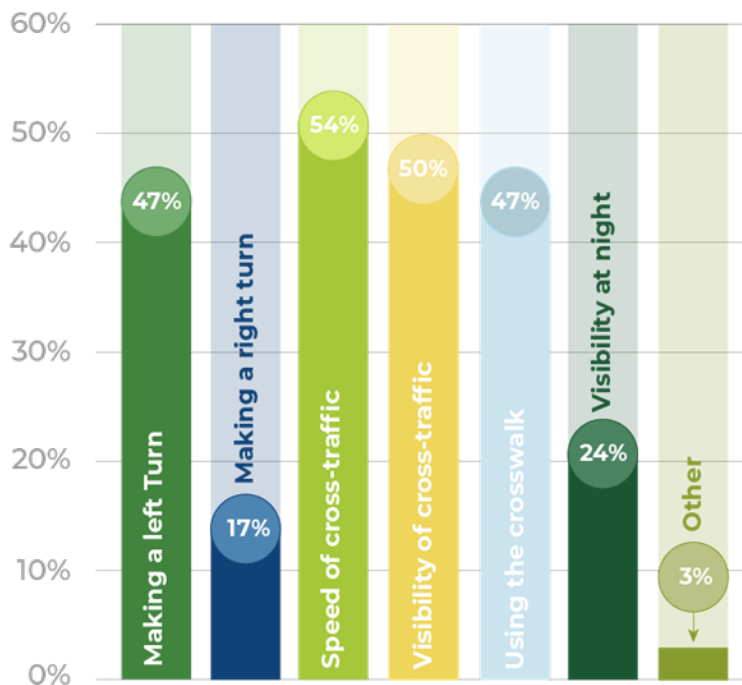




Community Engagement: Online Poll

Key Project Locations – Alta Mesa

Concerns at Alta Mesa*





**Alta Mesa, along with St. Mary's Road and Country Club Drive, were the top 3 priority intersections for survey respondents.*

Analysis



Signal Warrant Analysis Summary

- The need/justification for signalization was reviewed at two locations (Warrant Analysis)
- The Analysis utilized 2024 data, which included traffic volumes, speeds, and collision data

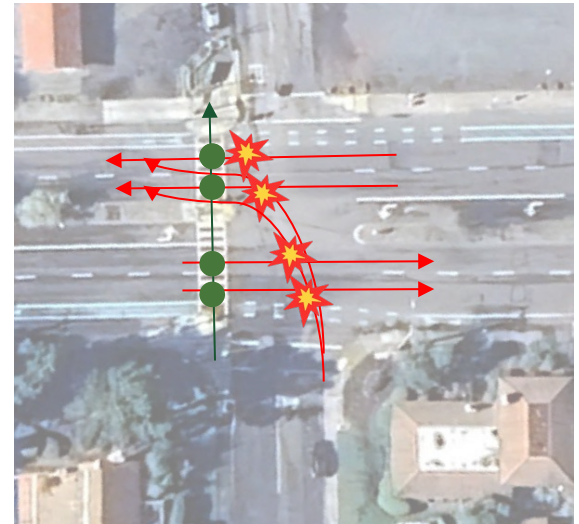
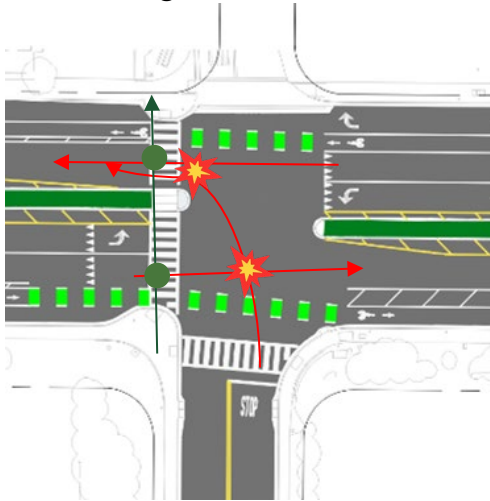
Country Club Drive	Alta Mesa
	
Met	Not Met



Operations Analysis Summary

Alta Mesa: Road Diet

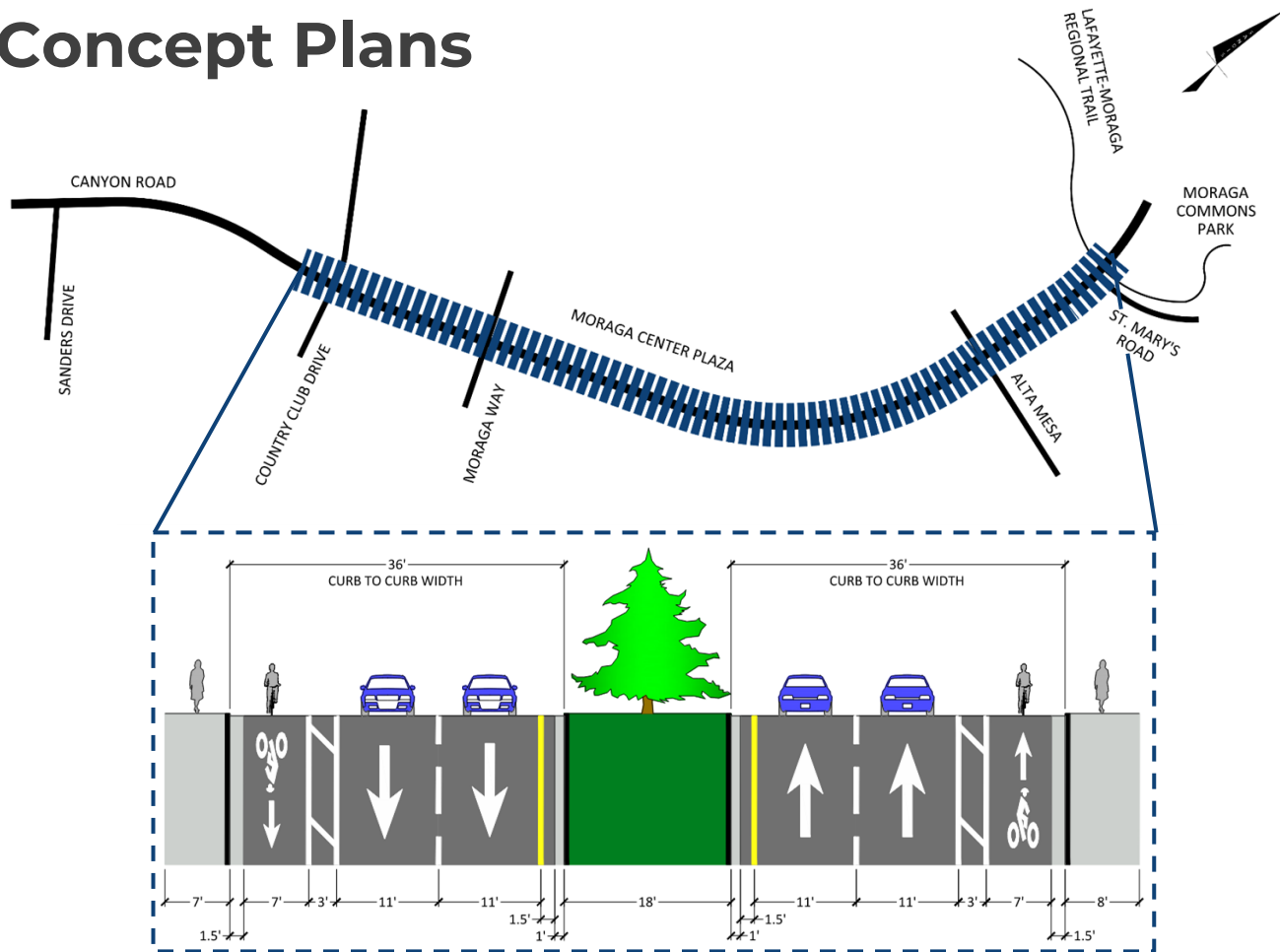
- Increased Safety for Pedestrians and Vehicles
- A minor increase in delay for vehicles turning from Alta Mesa onto Moraga Rd may occur
- No impact on delay for vehicles on Moraga Rd
- Restricting left turns out is not recommended at this time



Concept Plans



Concept Plans



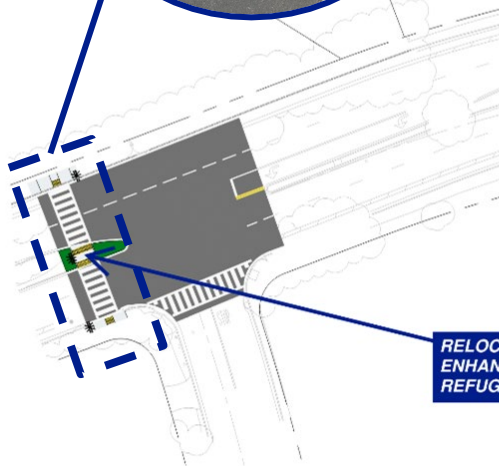


Concept Rendering

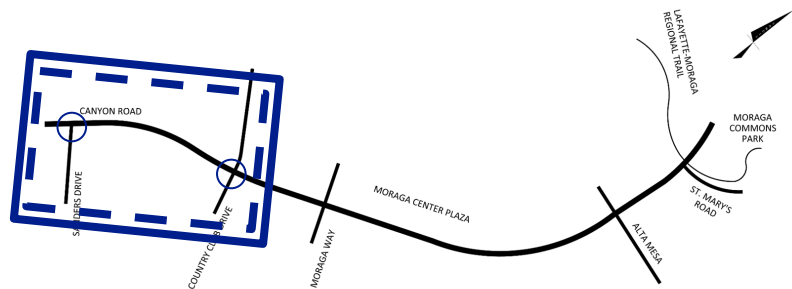




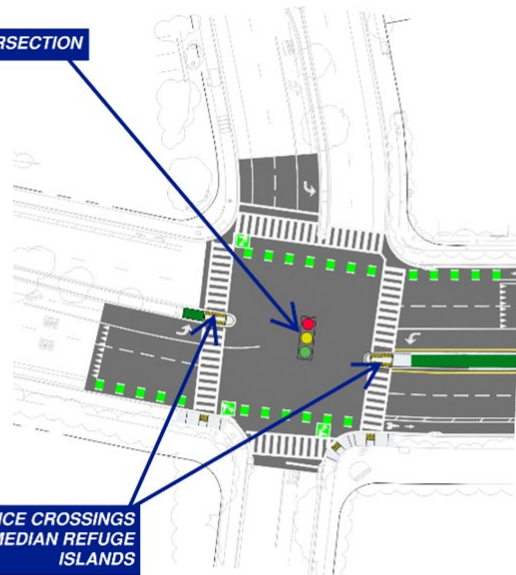
Concept Plans



**RELOCATE CROSSWALK AND
ENHANCE WITH RRFB AND
REFUGE ISLAND**



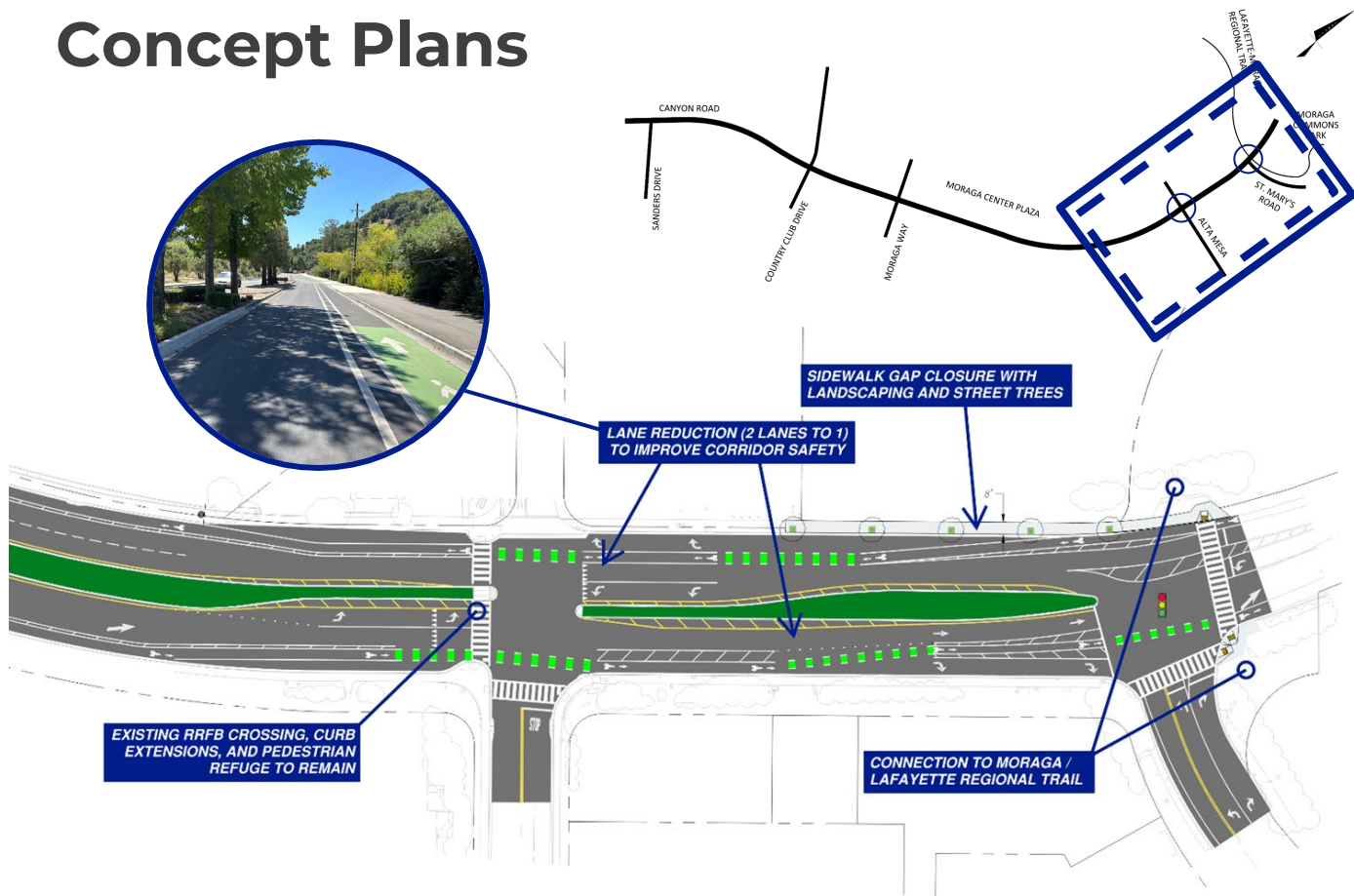
SIGNALIZE INTERSECTION



**ENHANCE CROSSINGS
WITH MEDIAN REFUGE
ISLANDS**



Concept Plans





Concept Plans

Additional Treatments



Bus Stop Improvements



Speed Feedback Signs



Bike Conflict Markings



Concept Plans

**See the full Concept Plans
on the project website, here:**

<https://www.moraga.ca.us/DocumentCenter/View/9488>

Next Steps



Next Steps



Phase 1: Confirm Project Need

- September: Pop up at Canyon Club Brewery



Phase 2: Preliminary Concepts

- October: Community Meeting on Project Alternatives
- October-November: Online Alternatives and Priorities Survey



Current Phase

Phase 3: Confirm and Refine

- Preferred Alternative for Online Public Comment
- Town Council Meeting for Public Comment and Presentation of Finalized Concept

Q&A



Questions

Please use “raise hand” feature to speak OR
Q&A feature in Zoom to leave a written question
in the chat box.

Thank you!

Feedback



Comments and Feedback

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