



MODESTO SAFE STREETS FOR ALL

Draft Recommendation Review Workshop
September 3, 2025



WORKSHOP AGENDA



Project Overview and Status Updates



Recommendation Process



Draft Recommendations



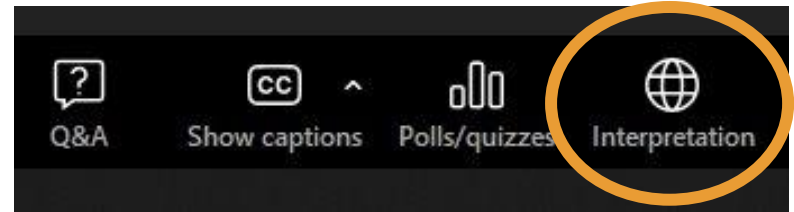
Web Map Demo



Questions and Comments



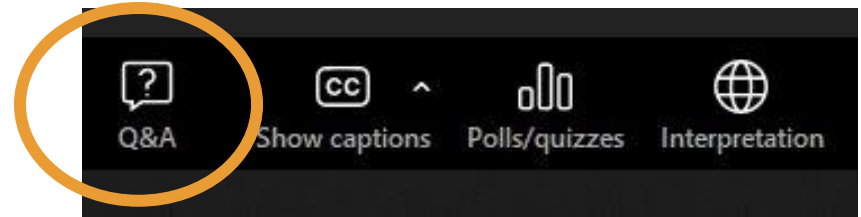
*Una versión traducida de esta presentación
e interpretación en vivo están disponibles.*





QUESTIONS AND COMMENTS

Please submit your questions and comments in the Q&A section.





PROJECT TEAM INTRODUCTIONS



Max Navarro

City Project Manager



Les Brown, AICP, RSP₁

Consultant Team
Project Manager

alta



Richard Virgo

Consultant Team
Engineer Designer

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Kelly Lei

Consultant Team Assistant
Project Manager

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OPENING REMARKS FROM MAYOR ZWAHLEN



PROJECT OVERVIEW & STATUS UPDATES



GOALS AND FOCUS

Improve roadway safety for all

- Build awareness and influence behavior
- Develop data-driven and community supported strategies and recommendations that incorporate diverse perspectives
- Roadmap for implementation and funding
- Create safety champions at the highest levels of leadership





Project Overview & Schedule





Pop-Up Events

modestosafeststreets.com

1

September 4, 7am-9am

Chrysler 99 Park at
Hetch Hetchy Trail

4

September 6, 5pm-7pm

East La Loma Park

2

September 6, 9am-11am

Virginia Corridor Trailhead
at Rumble Rd

5

September 10, 7am-9am

Monterosso Trailhead

3

September 6, 1pm-3pm

Ellison Park

6

September 11, 11am-1pm

Farmer's Market
at Modesto's Downtown





RECOMMENDATION PROCESS

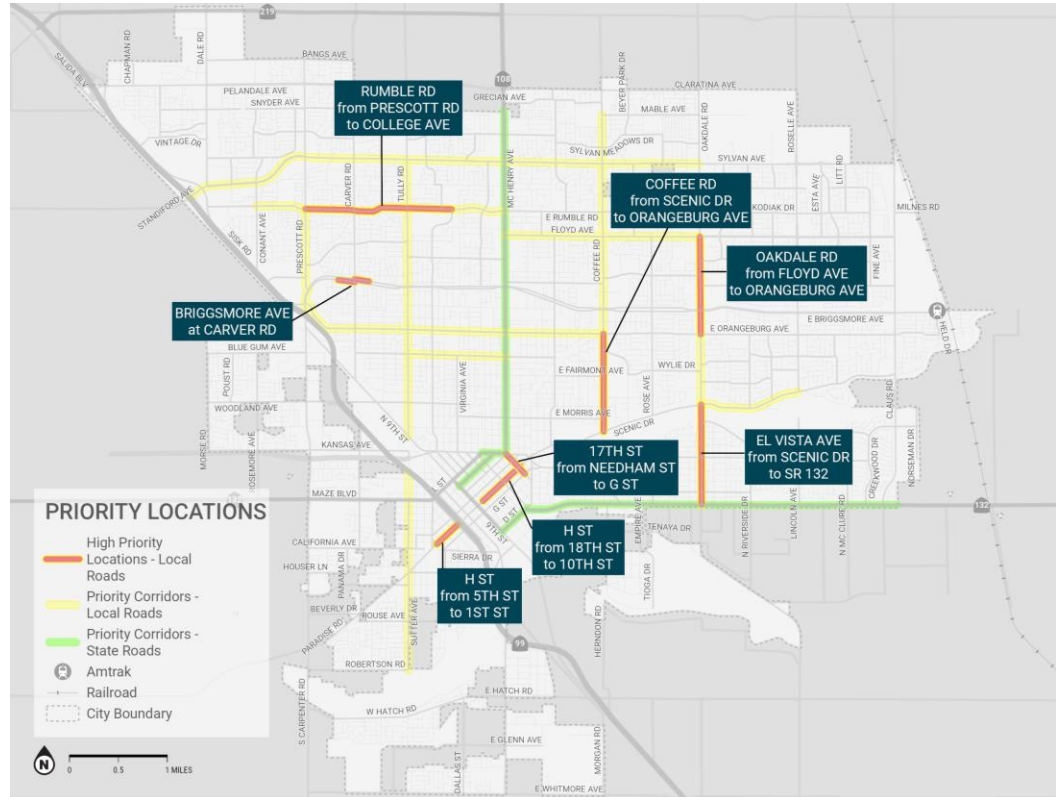
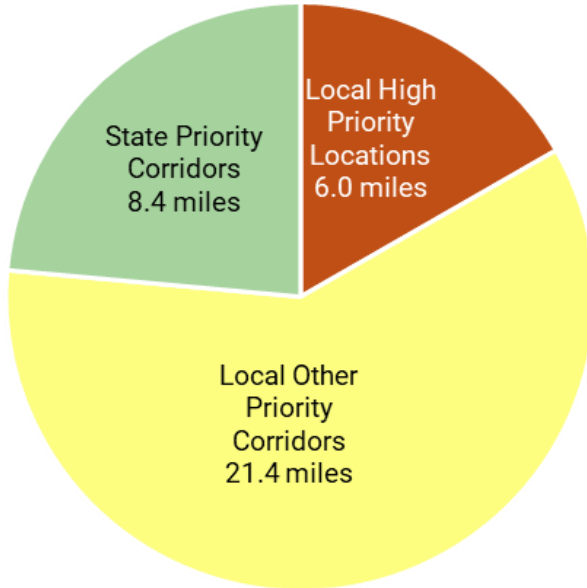


Selecting Priority Locations for Recommendations





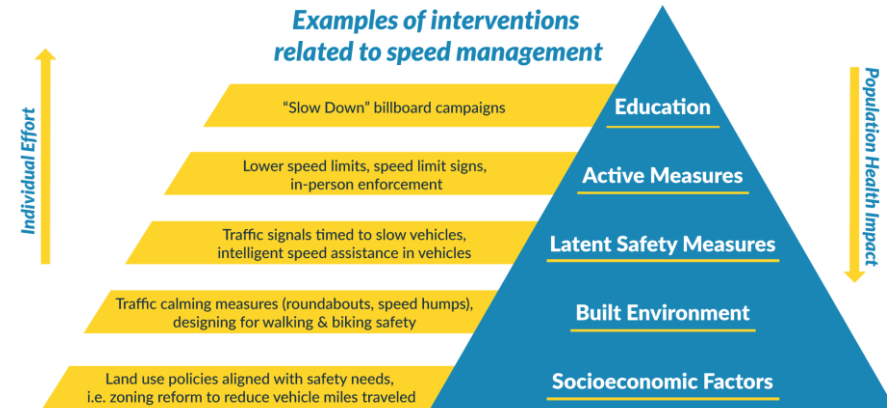
Priority Locations





Safety Countermeasure Toolbox

- Toolbox developed using the Safe System Pyramid (right) and engineering design guidance
- Toolbox includes 56 countermeasures, sorted into 4 tiers:
 - Tier 1: Demand Management
 - Tier 2: Speed Management
 - Tier 3: Conflict Management
 - Tier 4: Improve redundancy





Countermeasure Examples

Tier 1. Demand management



Transit Amenities



Bus Bulb

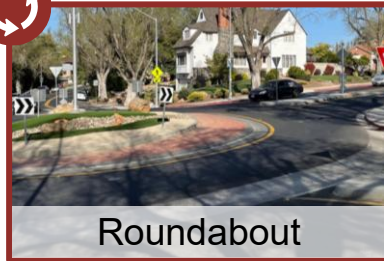
Tier 2. Speed management



Raised Intersection



Raised Crosswalk



Roundabout



Curb Extension



Slip Lane Reconfiguration



Median



Countermeasure Examples

Tier 3. Conflict management



Pedestrian Hybrid Beacon



Refuge Island



Bike Lanes & Sidewalks

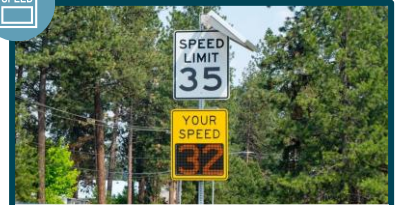


No Right on Red

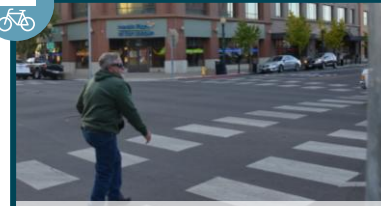
Tier 4. Improve redundancy



Flashing Beacon



Speed Feedback Sign



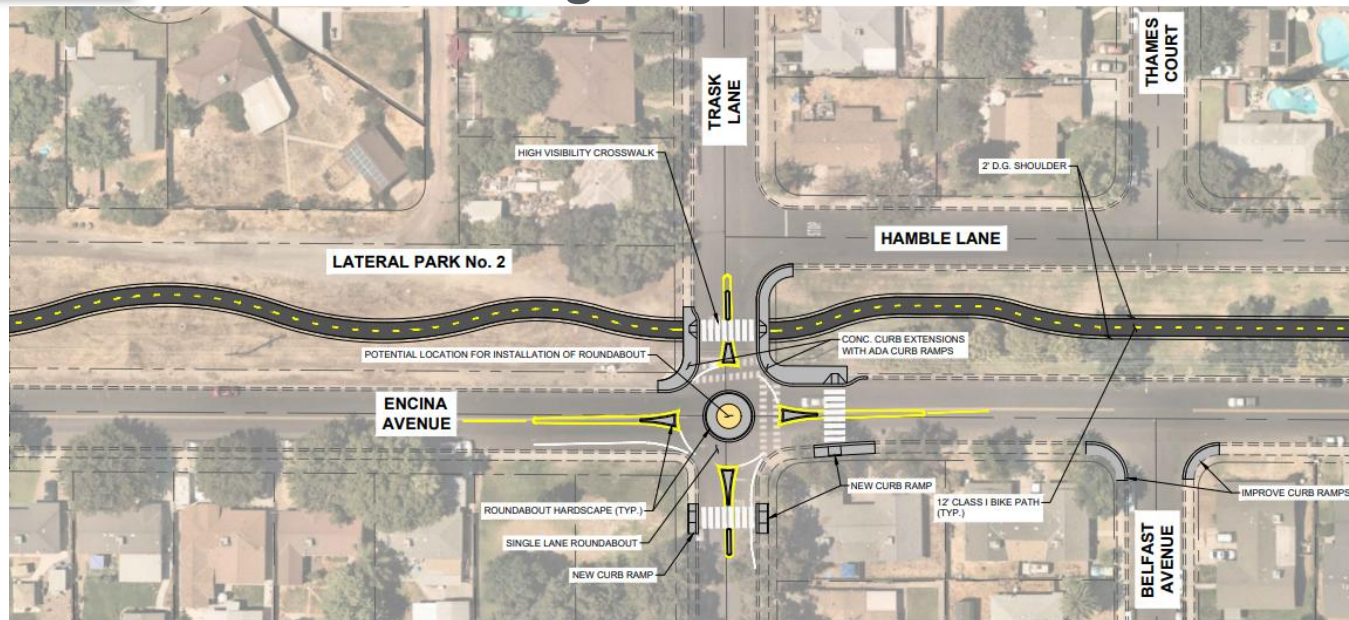
High Visibility Crosswalk



Signage

High Priority Locations

Detailed Design Plans



*Encina-Lincoln Bike Path
ATP Grant Application Example*

GENERAL NOTES:

1. SIGNING AND STRIPING TO COMPLY WITH LATEST EDITION OF THE CALIFORNIA MUTCD.
2. CONFLICTING STRIPING TO BE REMOVED, NON-CONFLICTING STRIPING TO BE REFRESHED.

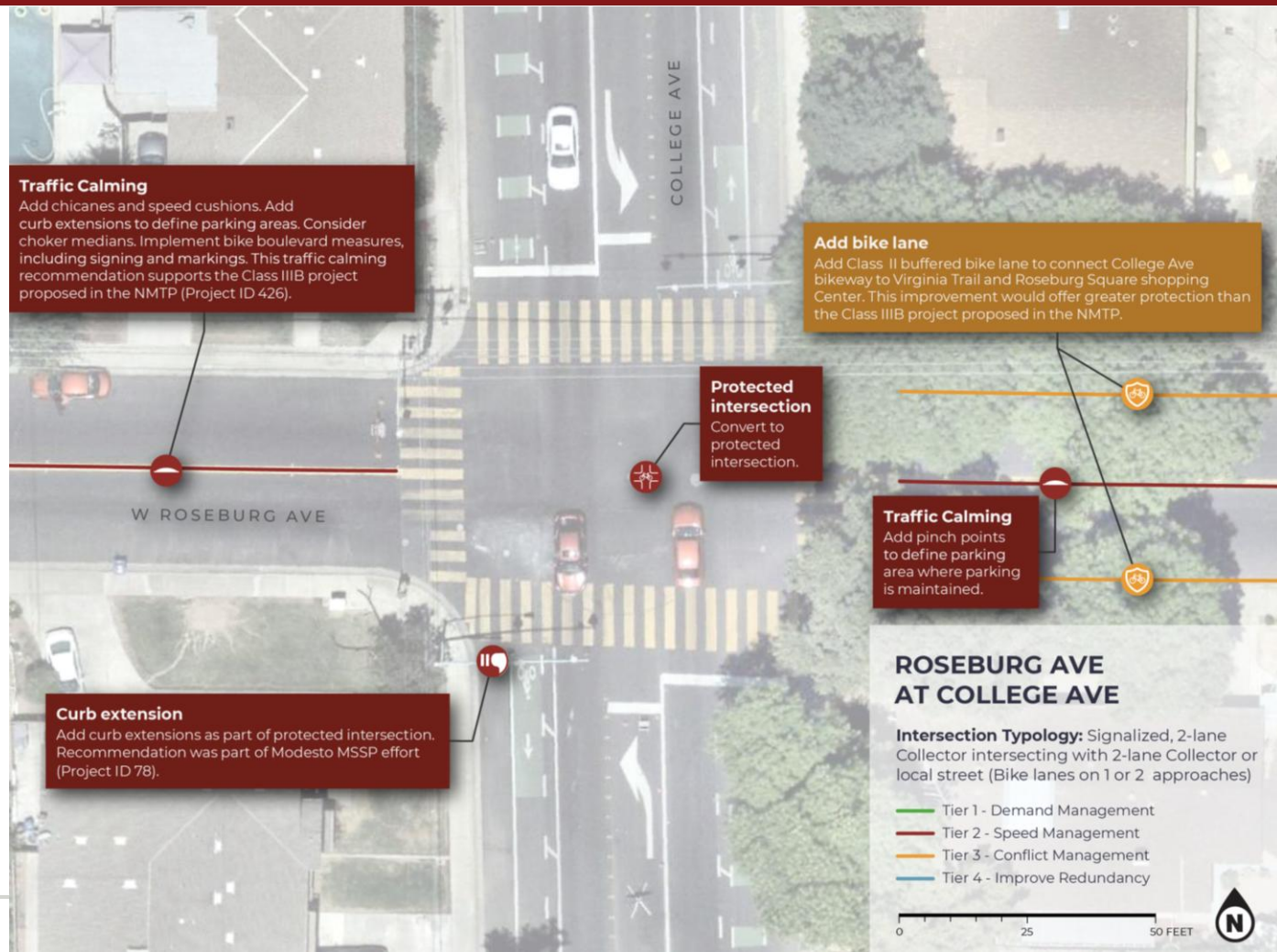
**CONCEPTUAL
NOT FOR CONSTRUCTION**



Other Priority Locations

Example:

Roseburg Avenue at
College Avenue

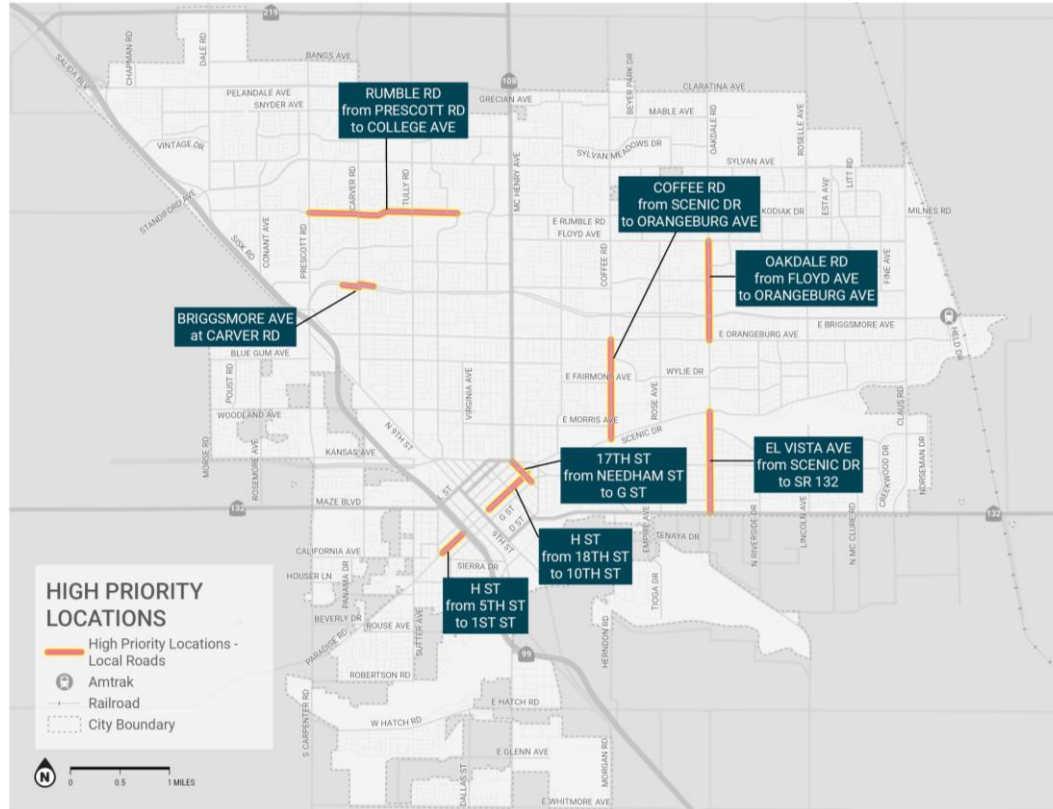




DRAFT RECOMMENDATIONS: HIGH PRIORITY LOCAL ROADS



High Priority Locations on Local Roads





Coffee Road from Scenic Drive to Orangeburg Avenue

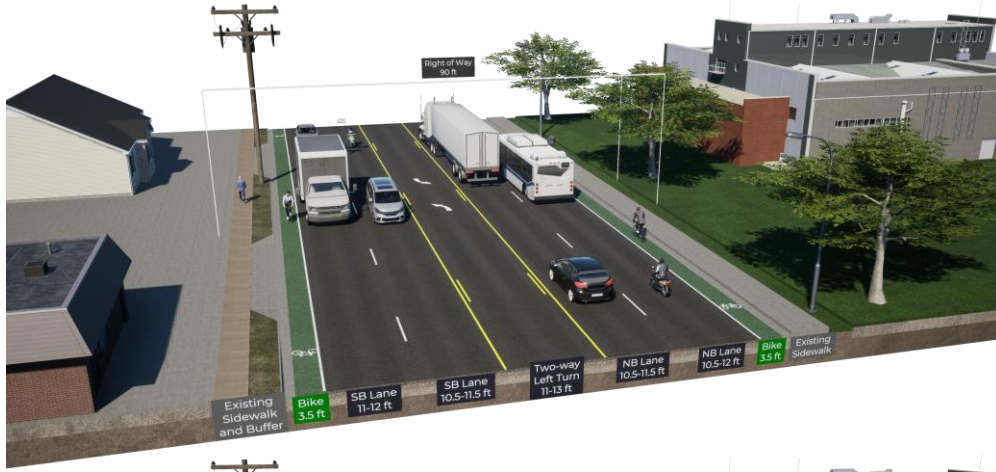
Existing Conditions

Typology	4-lane Arterial with two-way left turn lane		
Posted Speed Limit	40		
AADT	~25,500		
Place Type	Suburban Residential Community		
High Injury Network	All, Pedestrian, Bicycle		
Collision Profile	1 – Pedestrian-Involved Collisions Near Transit Stops and Within Disadvantaged Communities 2 – DUI Overnight Collisions 3 – Broadside Collisions at Signalized Major-Minor Intersections		
KSI Crashes ('16-'23)	7		
Top 3 Types of Crashes	• 53 broadside	• 30 rear end	• 9 hit object
Bus Routes (Headways)	32 (30 minutes)		



Coffee Road from Scenic Drive to Orangeburg Avenue

Existing Conditions



Proposed



Add more frequent midblock crossings with hybrid beacon (HAWK) signals.



Replace existing two-way left turn lane with raised median where feasible to separate traffic.



Narrow the width of vehicle lanes.



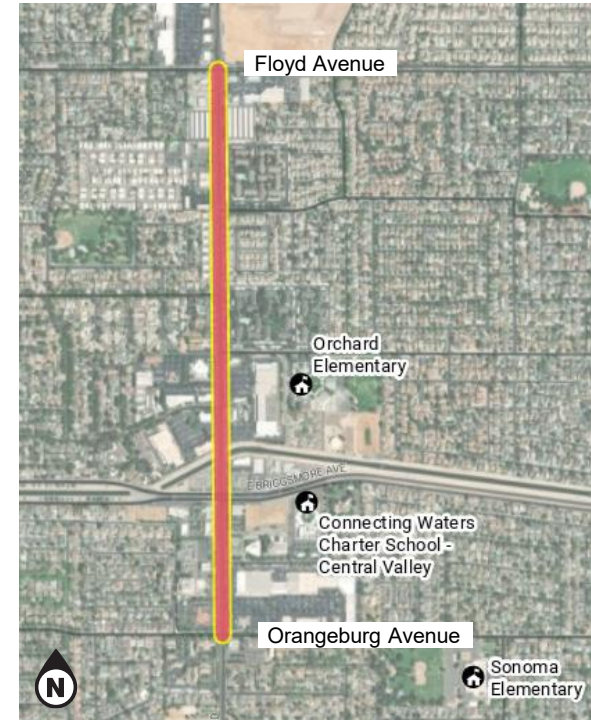
Upgrade to Class IV separated bikeway.



Oakdale Road from Floyd Avenue to Orangeburg Avenue

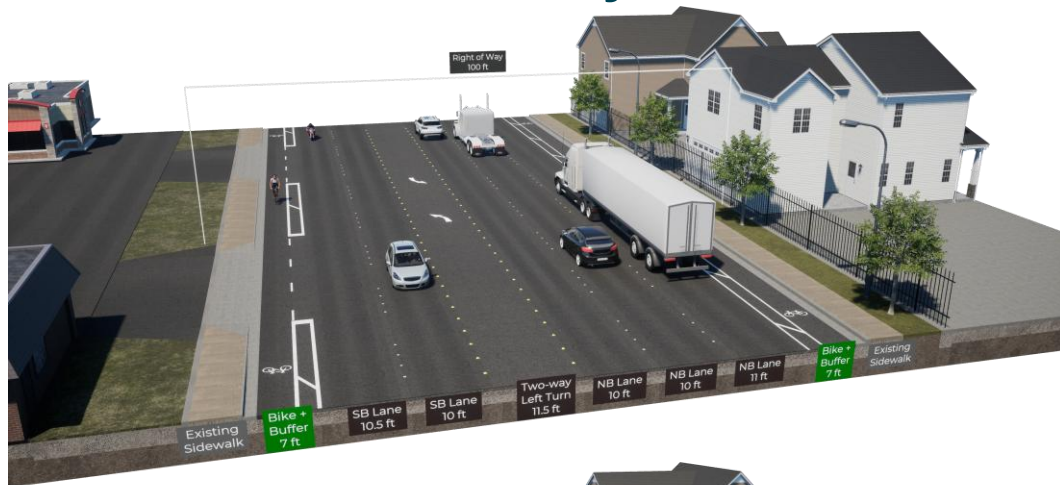
Existing Conditions

Typology	4-lane to 5-lane Arterial with two-way left turn lane
Posted Speed Limit	40
AADT	~34,000
Place Type	Suburban Commercial Community
High Injury Network	All, Pedestrian, Bicycle
Collision Profile	2 – DUI Overnight Collisions 3 – Broadside Collisions at Signalized Major-Minor Intersections 4 – Bicycle-Involved Collisions at Intersections Without On-Street Bicycle Facilities
KSI Crashes ('16-'23)	2
Top 3 Types of Crashes	• 87 broadside • 67 rear end • 17 sideswipe
Bus Routes (Headways)	37 (30 minutes)



Oakdale Road from Floyd Avenue to Orangeburg Avenue

Existing Conditions



Consolidate driveways in commercial areas where possible.



Add raised median.

Proposed



Repurpose third northbound vehicle lane on Oakdale Rd to accommodate wider bikeway and upgraded transit amenities.



Upgrade existing buffered Class II bike lane to Class IV separated bikeway.



El Vista Avenue from Scenic Drive to SR 132

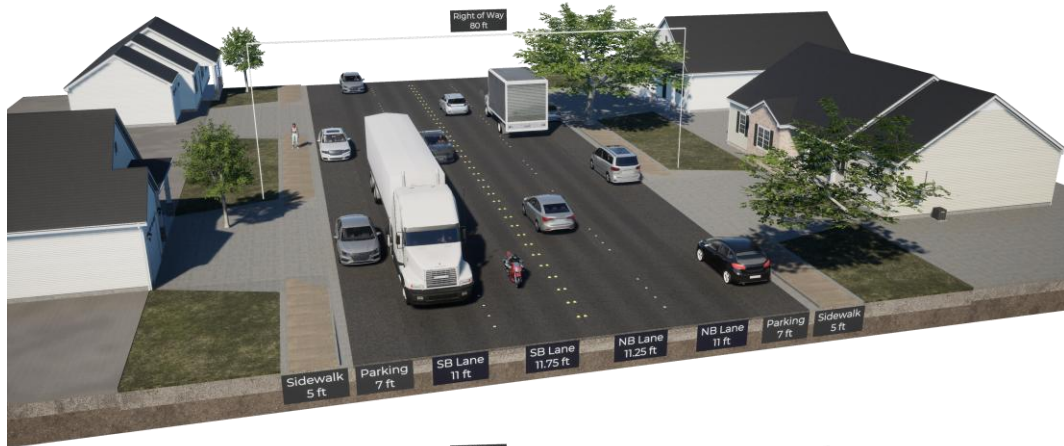
Existing Conditions

Typology	4-lane undivided Arterial
Posted Speed Limit	35
AADT	~30,000
Place Type	Suburban Residential Community
High Injury Network	All, Pedestrian, Bicycle
Collision Profile	2 – DUI Overnight Collisions 3 – Broadside Collisions at Signalized Major-Minor Intersections 4 – Bicycle-Involved Collisions at Intersections Without On-Street Bicycle Facilities
KSI Crashes ('16-'23)	7
Top 3 Types of Crashes	• 74 broadside • 64 rear end • 20 heads-on
Bus Routes (Headways)	N/A

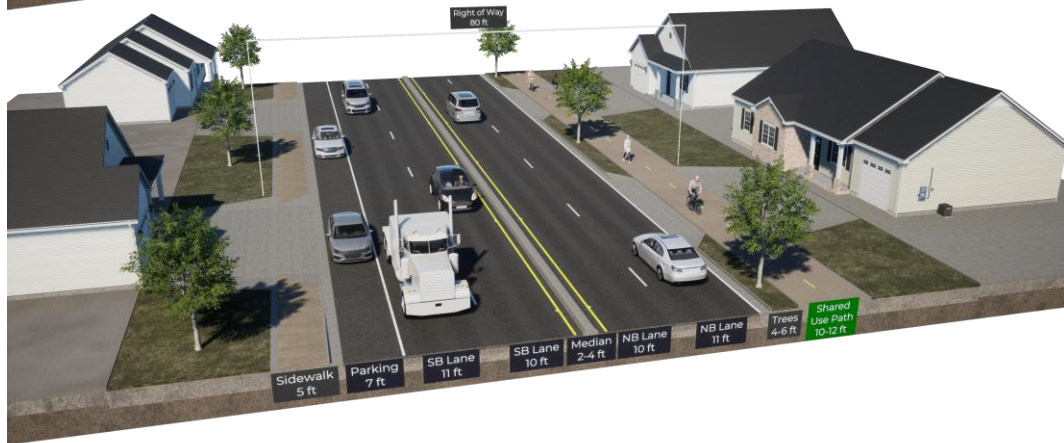


El Vista Avenue from Scenic Drive to SR 132

Existing Conditions



Proposed



Narrow the width of vehicle lanes.



Add a raised median.



Widening the east-side sidewalk into a sidewalk-level Class I shared-use path.



Infill or add missing street lighting. Add pedestrian-scale lighting near school and midblock crossings.



17th Street from Needham Street to G Street

Existing Conditions

Typology	3-lane, one way Downtown Collector		
Posted Speed Limit	25		
AADT	~10,000		
Place Type	Urban City Center		
High Injury Network	All, Pedestrian		
Collision Profile	1 – Pedestrian-Involved Collisions Near Transit Stops and Within Disadvantaged Communities 3 – Broadside Collisions at Signalized Major-Minor Intersections 4 – Bicycle-Involved Collisions at Intersections Without On-Street Bicycle Facilities 6 – Bicycle and Pedestrian-Involved Collisions at Signalized Intersections Downtown		
KSI Crashes ('16-'23)	1		
Top 3 Types of Crashes	• 50 broadside	• 6 sideswipe	• 5 heads-on • 5 rear end
Bus Routes (Headways)	N/A		



17th Street from Needham Street to G Street

Existing Conditions



Repurpose right lane and right-side parking for addition of two-way bikeway.



Install Class IV two-way separated bikeway on one side of roadway between I St and G St.

Proposed





H Street

- from 18th Street to 10th Street

- from 5th Street to 1st Street

Existing Conditions

Typology	3-lane, one way Downtown Collector
Posted Speed Limit	25
AADT	~10,000
Place Type	Urban City Center
High Injury Network	All, Pedestrian
Collision Profile	1 – Pedestrian-Involved Collisions Near Transit Stops and Within Disadvantaged Communities 2 – DUI Overnight Collisions 3 – Broadside Collisions at Signalized Major-Minor Intersections 4 – Bicycle-Involved Collisions at Intersections Without On-Street Bicycle Facilities 6 – Bicycle and Pedestrian-Involved Collisions at Signalized Intersections Downtown
KSI Crashes ('16-'23)	2
Top 3 Types of Crashes	• 82 broadside • 17 sideswipe • 13 rear end
Bus Routes (Headways)	25 (30 minutes); 37 (30 minutes); 60 (60 minutes)



H Street

from 18th Street to 10th Street and from 5th Street to 1st Street

Existing Conditions



Convert H St to two-way. One lane in each direction with parking on one side, with turn lanes as needed.



Install Class IV separated bikeway in each direction.



Add pedestrian-scale lighting and infill street lighting.



Add raised intersections to reinforce speeds and create safer pedestrian crossings.

Proposed

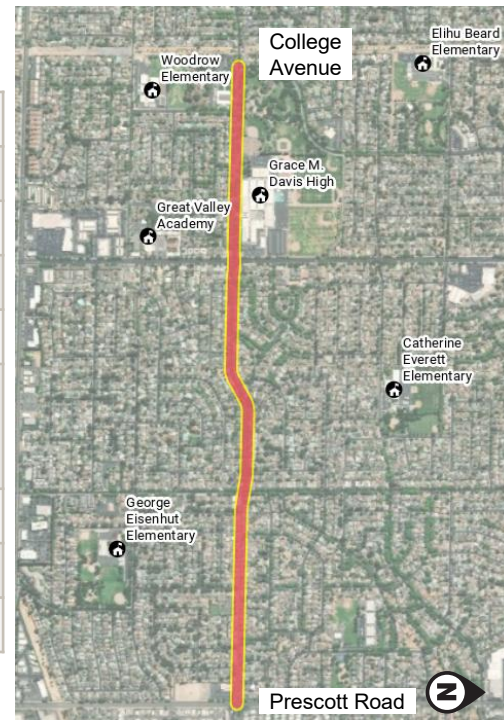




Rumble Road from Prescott Road to College Avenue

Existing Conditions

Typology	2-lane Collector with parking on each side
Posted Speed Limit	30
AADT	~9,000
Place Type	Suburban Residential Community
High Injury Network	All, Pedestrian, Bicycle
Collision Profile	1 – Pedestrian-Involved Collisions Near Transit Stops and Within Disadvantaged Communities 2 – DUI Overnight Collisions
KSI Crashes ('16-'23)	3
Top 3 Types of Crashes	• 37 broadside • 13 rear end • 7 heads-on
Bus Routes (Headways)	37 (30 minutes)





Rumble Road from Prescott Road to College Avenue



Narrow the width of vehicle lanes.



Add median and curb bulb outs.



Add more frequent midblock crosswalks.

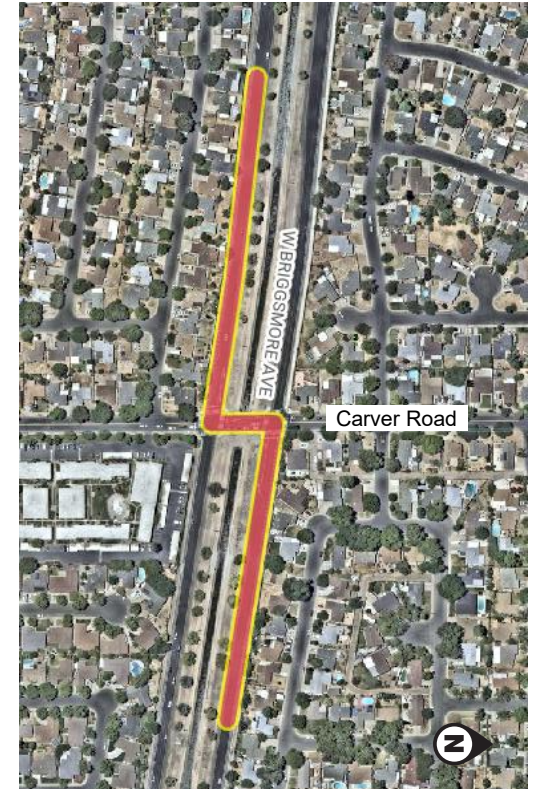
Upgrade existing midblock crossings with refuge islands or bulb outs.



Briggsmore Avenue at Carver Road

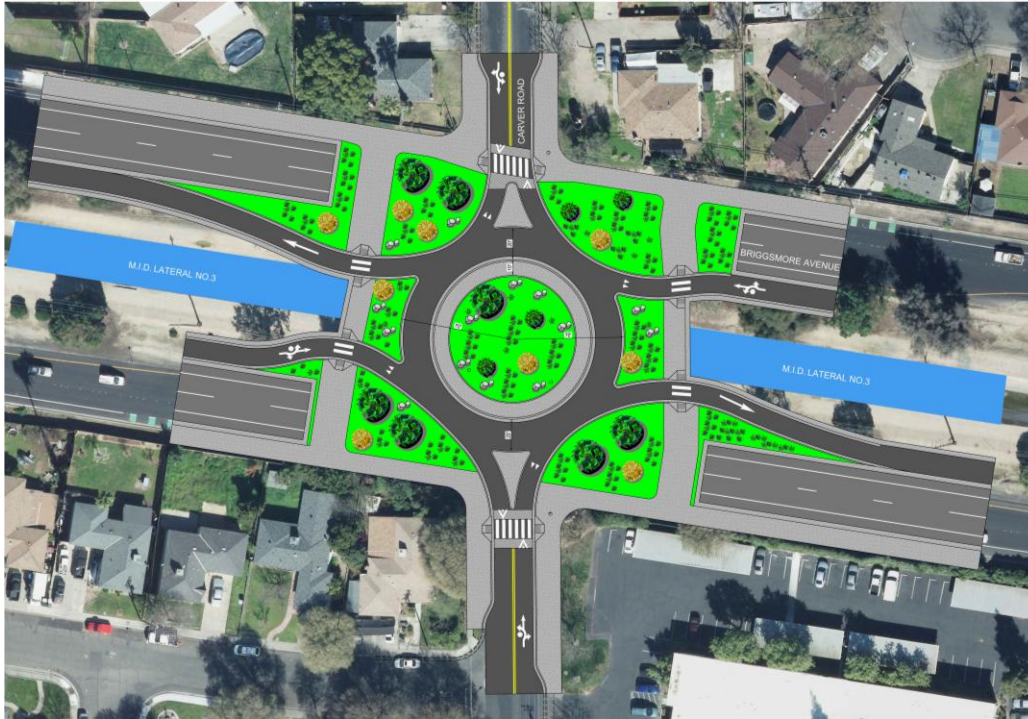
Existing Conditions

Typology	2-lane Collector with parking on each side
Posted Speed Limit	45 mph on Briggsmore Ave, 30 mph on Carver Rd
AADT	~40,000 on Briggsmore Ave, ~ 10,000 on Carver Rd
Place Type	Suburban Residential Community
High Injury Network	All, Bicycle
Collision Profile	2 – DUI Overnight Collisions 3 – Broadside Collisions at Signalized Major-Minor Intersections 7 – Midblock Overnight Hit Object Collisions
KSI Crashes ('16-'23)	6
Top 3 Types of Crashes	• 70 broadside • 8 rear end • 4 sideswipe
Bus Routes (Headways)	30 (30 minutes)





Briggsmore Avenue at Carver Road



Grade separated interchange. Briggsmore Ave through lanes go underneath Carver Rd.



Add roundabout at intersection between Carver Rd and Briggsmore Ave ramps.



Add Class I shared-use path around roundabout.



Q&A



PROVIDING FEEDBACK ON DRAFT RECOMMENDATIONS



Providing Feedback



Submit by **Thursday, 9/18**



Comment through **web map**



Email: kellylei@altago.com





Interactive Web Map Demo

<https://modestosafestreets.altaplanning.cloud/>



- Check out the **Visual Glossary** to learn more about each facility type
- Click on the **green dots and purple lines** to see proposed recommendations
- **Like, dislike, or add comments** to proposed recommendations

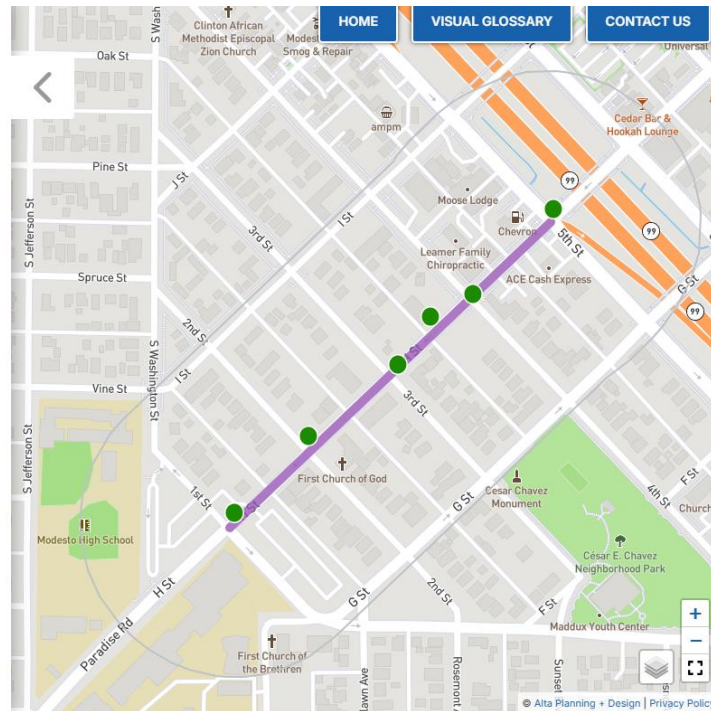
The interactive webmap will close
September 18th, 2025.

H Street

Click on the lines and points on the map to learn more about the proposed facilities and add comments. To learn more about each facility type, please look at [the Visual Glossary](#).

Check out the map to see what other visitors have already suggested. If someone has placed a comment that you agree with, click its "Like" button to add your support.

To learn more about recommendation process, corridor safety context, and proposed cross sections, please view [Recommendation Process and Draft Recommendations](#).





QUESTIONS & COMMENTS



CITY OF
MODESTO
CALIFORNIA