

Community Traffic Calming and Pedestrian & Bicycle Safety Program

Ventura County Transportation Commission
May 1, 2026



Ventura County
Transportation
Commission



SCAG REAP 2.0 CTC Partnership Program Projects

1. Countywide Transit Stops Inventory & Accessibility Assessment / Capital Improvements Program
2. Santa Paula Branch Line Active Transportation - Master Plan Update and Validate Connections to Serve New Housing and Reduce Vehicle Miles Traveled
3. Countywide Paratransit Integration Study
4. Community Traffic Calming & Pedestrian and Bicycle Safety Program (CTCP)



Project Background

The goals of the Community Traffic Calming Program (CTCP) are to develop **educational safety campaigns** and **project recommendations** with demonstration and preliminary engineering of safety improvement projects in three key locations.

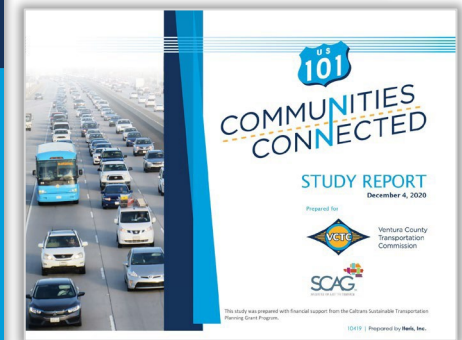
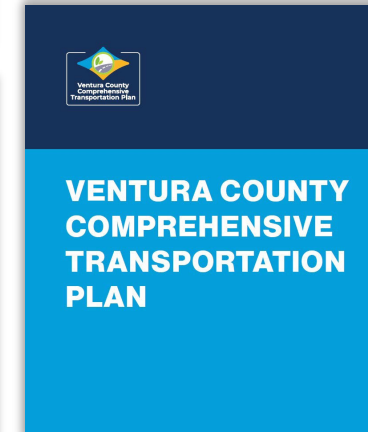
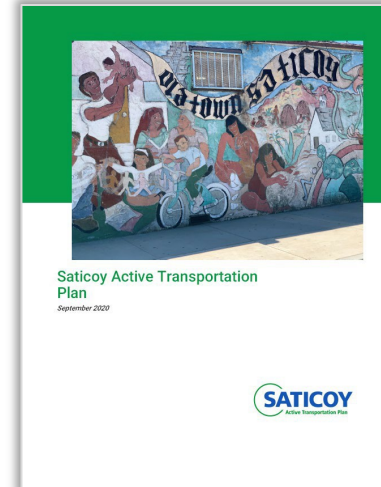
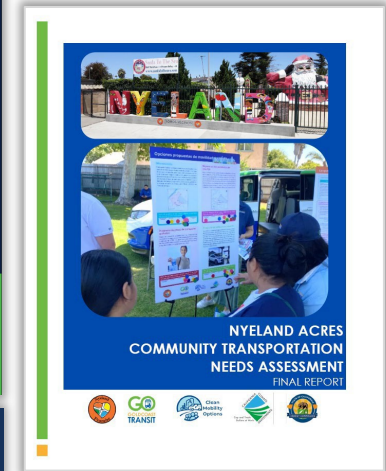
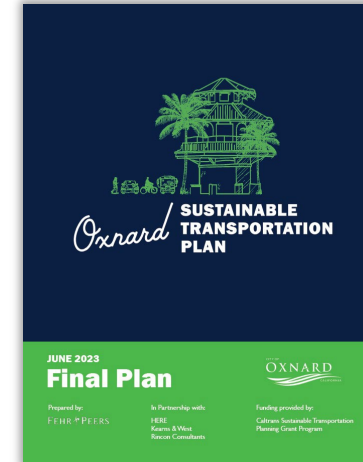


Original Project Scope



Existing Conditions & Plan Review Technical Memo

- Existing conditions analyzes crash data with existing active transportation infrastructure.
- The **plan review** summarizes key data points, community engagement findings, evaluation measures and community-vetted project lists

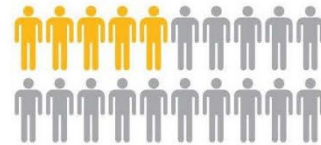


Technical Memo Framework

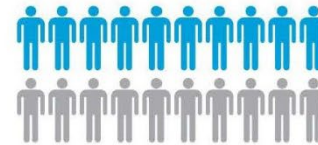
1. Existing Transportation Conditions
2. Crash Analysis
3. Existing Community Conditions
4. Priority Development Areas
5. Scorecards
6. Appendix

Speed

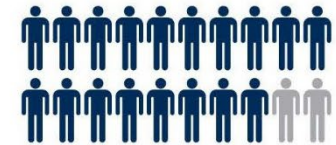
Speed is a determining factor in the severity of injury and fatality when a crash does occur. Higher speeds mean a greater force of impact during a collision leading to more severe injuries and a higher chance of fatality.



25%
chance of
pedestrian
fatality or severe



50%
chance of
pedestrian
fatality or severe



90%
chance of
pedestrian
fatality or severe

Source: Tefft, Brian, 'Impact speed and a pedestrian's risk of severe injury or death' (Accident Prevention and Analysis, 2013)

Technical Memo

Chapter 5

5 SCORECARDS

This chapter features a scorecard for every incorporated city in Ventura County, as well as one for all unincorporated areas, to summarize a collision profile for each community. The scorecards are displayed in order of number of collisions, starting with Oxnard, which has the highest volume of pedestrian and bicycle collisions.

The table below describes the elements of the scorecards and the jurisdictions that scored higher than the county overall.

Crash Analysis Element	Description	Jurisdictions scoring higher than county overall
% of bike/ped involved crashes	<ul style="list-style-type: none"> Proportion of Number of crashes that involved bicycle or pedestrian to Number of all crashes in the jurisdiction. Key Question: Did the jurisdiction have a higher share of bicycle and pedestrian crashes than the county overall? 	<ul style="list-style-type: none"> Oxnard Ventura Santa Paula Port Hueneme Ojai
% of fatal and severe bike/ped involved crashes	<ul style="list-style-type: none"> Proportion of Number of fatal and severe injury crashes that involved bicycle or pedestrian to Number of all crashes that involved bicycle or pedestrian in the jurisdiction. Key Question: Did bicycle and pedestrian crashes in the jurisdiction tend to be severer compared to the county overall? 	<ul style="list-style-type: none"> Unincorporated Simi Valley Santa Paula Ojai Fillmore
% of bike/ped crashes with a truck involved	<ul style="list-style-type: none"> Proportion of Number of crashes that involved bicycle/pedestrian and a truck to Number of all crashes that involved bicycle or pedestrian in the jurisdiction. Key Question: Did trucks tend to be involved more in bicycle and pedestrian crashes in the jurisdiction compared to the county overall? 	<ul style="list-style-type: none"> Oxnard Simi Valley
% of crashes due to wrong way cyclist	<ul style="list-style-type: none"> Proportion of Number of crashes due primarily to bicycles on the wrong side of the road to Number of all crashes that involved bicycle or pedestrian in the jurisdiction. Key Question: Did bicycles on the wrong side of the road cause more bicycle and pedestrian crashes in the jurisdiction compared to the county overall? Which jurisdiction could benefit from projects such as bicycle education or contraflow bike lanes? 	<ul style="list-style-type: none"> Oxnard Camarillo Moorpark Port Hueneme Ojai

Purpose & Outcomes of TAC Meetings

- Advise and provide feedback about challenges, opportunities, strategies, and solutions to **enhance safety** in Ventura County
- Provide input about **transportation and land use policies and plans** that your organization may have in place that support or affect the project
- Support our **community outreach** effort by providing advice and suggestions
- Reviewed potential demonstration locations based on crash data, unsafe speeds, and equity areas
- Introduced safety education campaign topics (e.g., wrong-way bike riding) and types (e.g., shock and awe)



TAC Members

NAME/TITLE	AGENCY/DEPARTMENT
Charles Cable, Deputy Public Works Director	City of Port Hueneme, Public Works
Christina Villasenor, Mayor	City of Fillmore, City Council
Dani Anderson, Disability Access Manager	County of Ventura, County Executive Office
Derek Towers, Assistant Engineer	City of Ventura, Public Works
Dr. Cesar Morales, County Superintendent of Schools	Ventura County Office of Education
Jim Danza	Active Transportation Advocate, Friends of Santa Clara River
Jonathan Royas, Assistant City Manager	City of Moorpark
Juan Lares, Project Director	Central Coast Climate Justice Network (CCCJN)
Anthony Gallo, Senior Engineer	City of Simi Valley, Traffic
Karen Fraser, Executive Director	Housing Opportunities Made Easier (HOME)
Mark Bueno, Associate Engineer	City of Thousand Oaks, Public Works Department
Kate Faulkner	Channel Islands Bicycle Club
Kathleen Mallory, Planning Manager	City of Oxnard, Community Development Department
Lindy Palmer, Public Works Director	City of Ojai, Public Works
Michelle Glueckert D'Anna, Assistant to the City Manager	City of Camarillo
Miguel Rodriguez, Director of Community Relations & Workforce Development	Port of Hueneme
Officer Timothy Wren	California Highway Patrol (CHP)
Officer Ryan Ayers	California Highway Patrol (CHP)
Sgt. Joshua McAlister	City of Simi Valley Police Department, Traffic Bureau
Magdalena "Magda" Molina	Oxnard School District Teacher, Active Transportation Advocate
Dr. Thomas K. Duncan DO, FACS, FICS, Trauma Medical Director	Ventura County Medical Center



Project Schedule

	2025											2026										
	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	
TAC Meetings				●		●					●					●						
Existing Conditions	■																					
Identify Locations				■																		
Public Safety Outreach Campaign						■																
Walk Audit & Parent Materials															■							
Installations and Data Collection																■						
Community Workshops														■								
Project Recommendation																				■		



Safety Improvements Demonstrations (Pop Up Safety Projects)

Popup Demonstration Samples



Curb extension



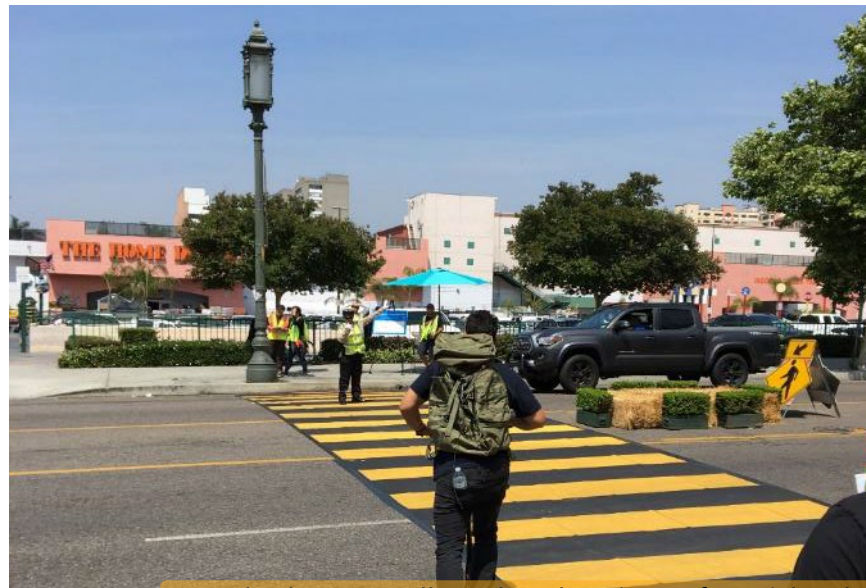
Bike lane



Reduce curb radius



Slip lane closure

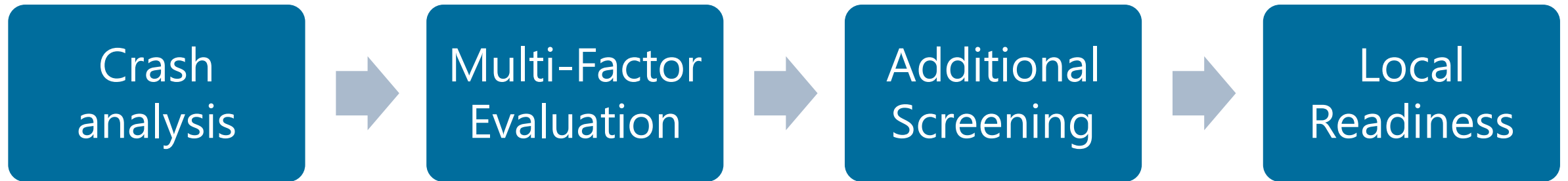


Marked Crosswalk and Pedestrian refuge island

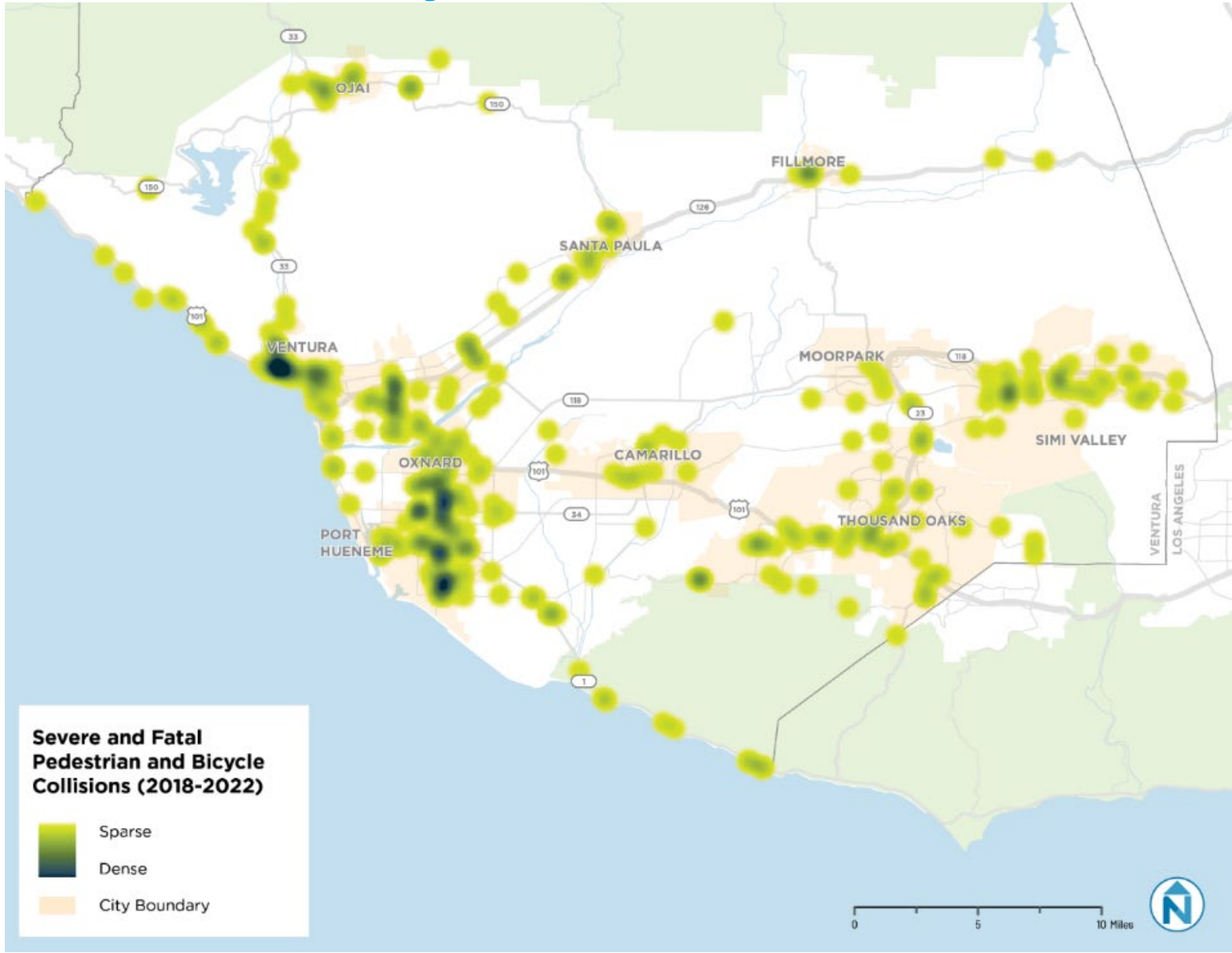
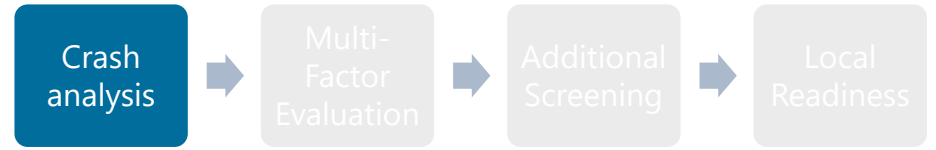


Protected bike lane

Overview of Demonstration Location Selection Process

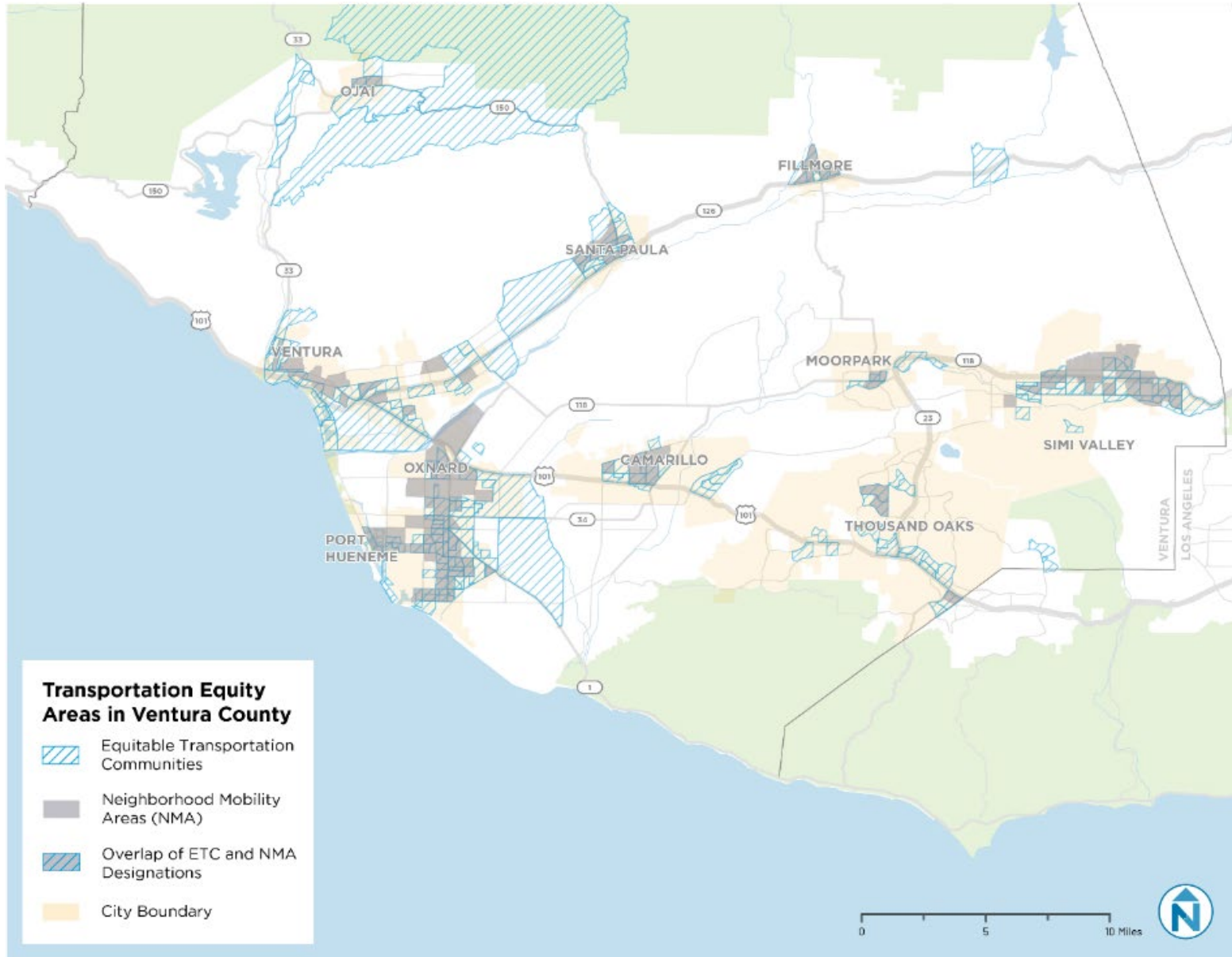
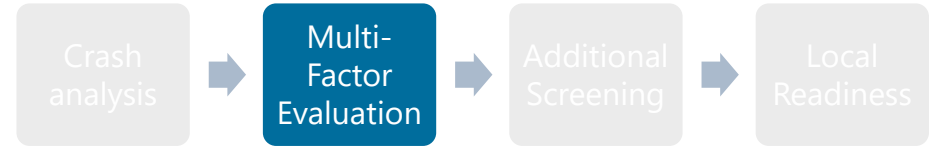


Crash Analysis



- Using Transportation Injury Mapping System (TIMS) crash data 2018-2022, we identified clusters of severe and fatal crashes in an area of the County
 - Corridors: if there were a series of crashes in a row along a road
 - Intersection: if crashes were clustered at or near an intersection

Multi-Factor Evaluation



- We then “scored” for considerations such as:
 - unsafe speed collisions
 - pedestrian/bike travel volumes
 - equity areas

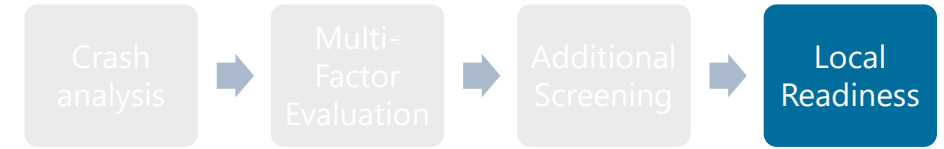
Additional Screening


- Were locations included in previous active transportation plans?
- Is there existing bike or pedestrian infrastructure?
- Are there notable landmarks/destinations nearby?
- Do we have a geographic spread across the county?
- Narrowed to 35mph roads and under



Local Readiness

- In a survey in August 2025, we asked cities if they could:
 - Establish multi-departmental committees
 - Amplify the demonstration
 - Provide barricades and cones
 - Support the demonstration event
 - Help with event set up and take down
 - Lead community engagement





VCTC Community Traffic Calming Program Site Selection Survey

Participation in the demonstration event and downstream development of “project study report ready” designs will not be possible without some level of support from your agency.

Please describe your readiness by stating your level of agreement with the following statements from:
 1 = strongly disagree
 2 = slightly disagree
 3 = slightly agree
 4 = strongly agree

The following questions are about the demonstration event:

8. We will establish a multi-departmental committee to assist in planning and permitting the demonstration event

1 (strongly disagree)
 2 (slightly disagree)
 3 (slightly agree)
 4 (strongly agree)

9. We can amplify the demonstration by publishing consultant provided materials through our trusted email and social media channels.

1 (strongly disagree)
 2 (slightly disagree)
 3 (slightly agree)
 4 (strongly agree)

Demonstration Locations



Oxnard

Wooley Rd & Victoria Ave

Identified in Oxnard Sustainable Transportation Plan



Simi Valley

Sycamore Dr & Cochran St

Not identified in a previous plan



Ventura

San Nicholas Greenway

Identified in Ventura Active Transportation Plan

Pop Up Safety Project- Ventura

San Nicholas Greenway
Safety Demonstration Event
30 day installation
Jordan to Chrisman

Traffic Circles (2)
Example photos



Curb radius reduction (3 intersections 4 corners per) to be installed using delineators glued to pavement, outside of path of crosswalk, at locations with access ramps.

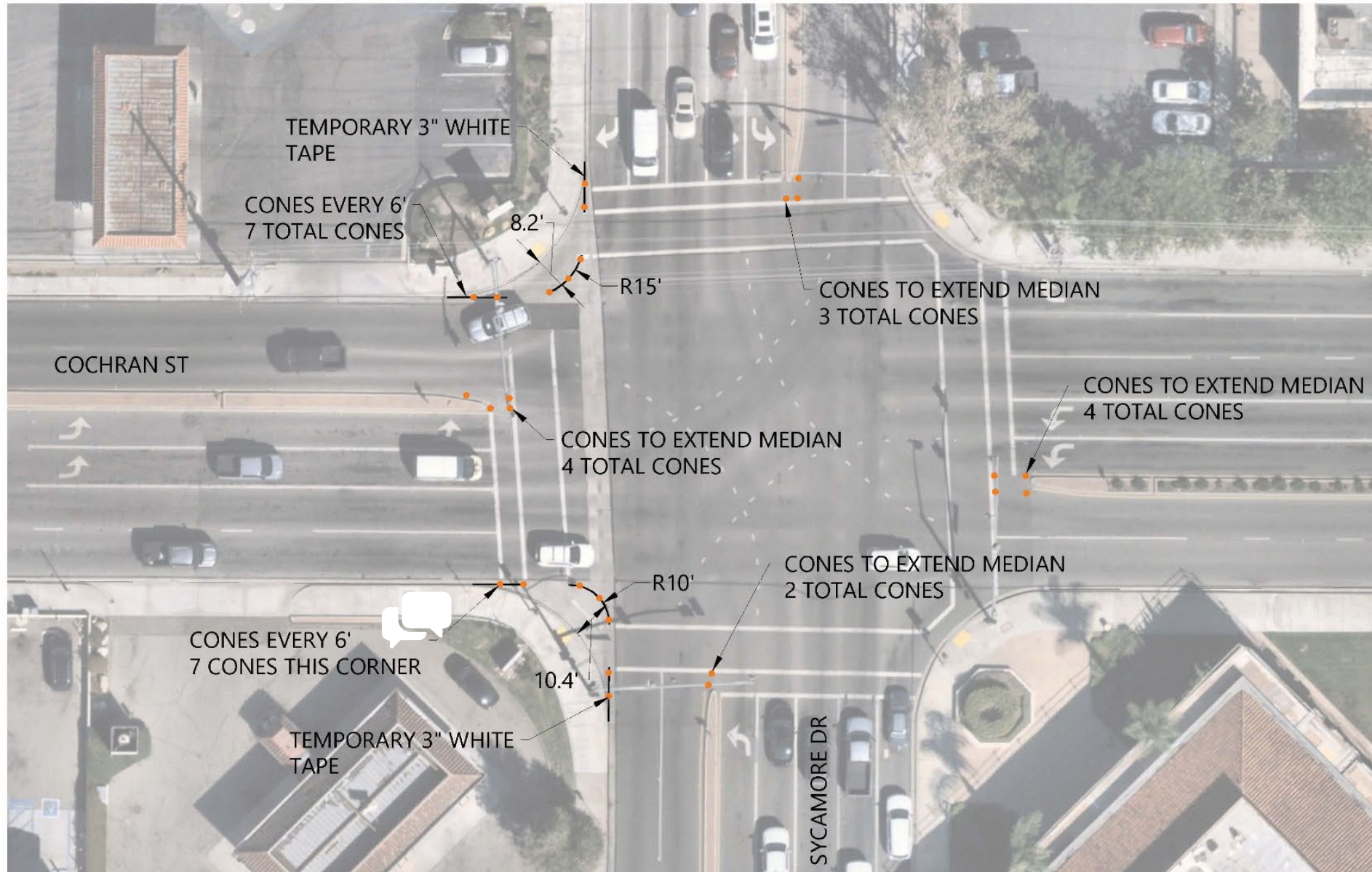


Divterter (1) glued to pavement plus 2 shared lane pavement markings (along Catalina centerline through intersection leaving gaps for crosswalk and people on bikes)



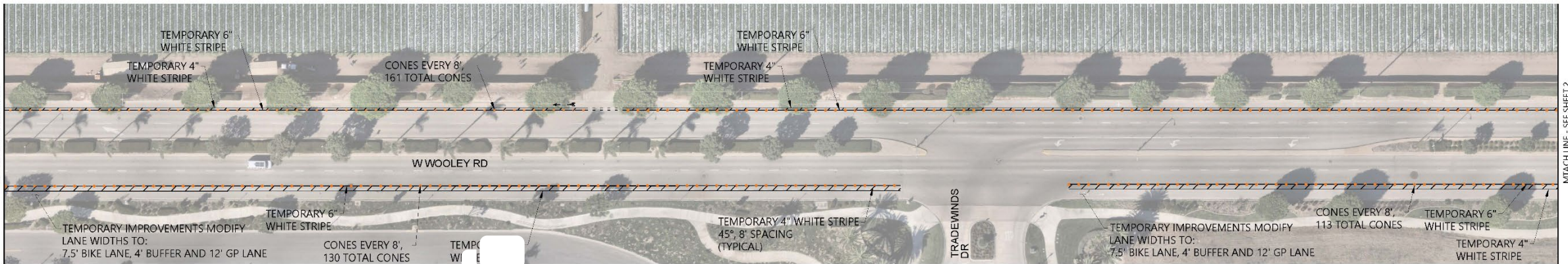
Pop Up Safety Project Simi Valley

COCHRAN ST & SYCAMORE DR CURB BULBS AND MEDIAN EXTENSIONS



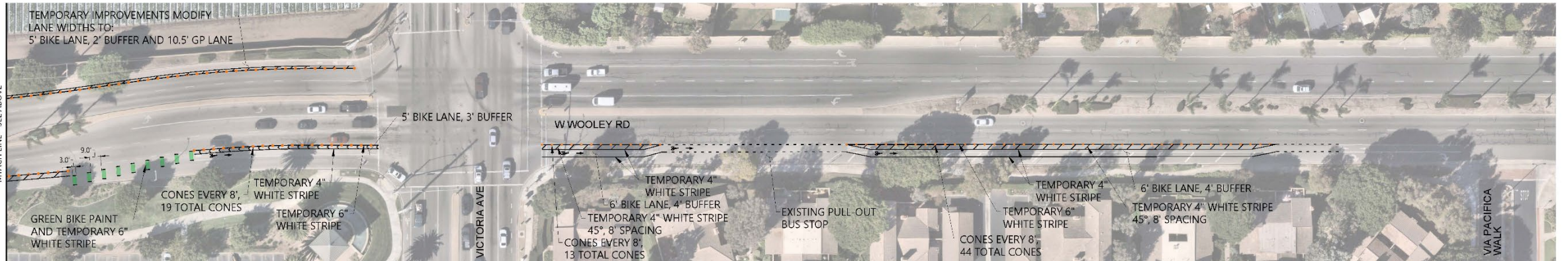
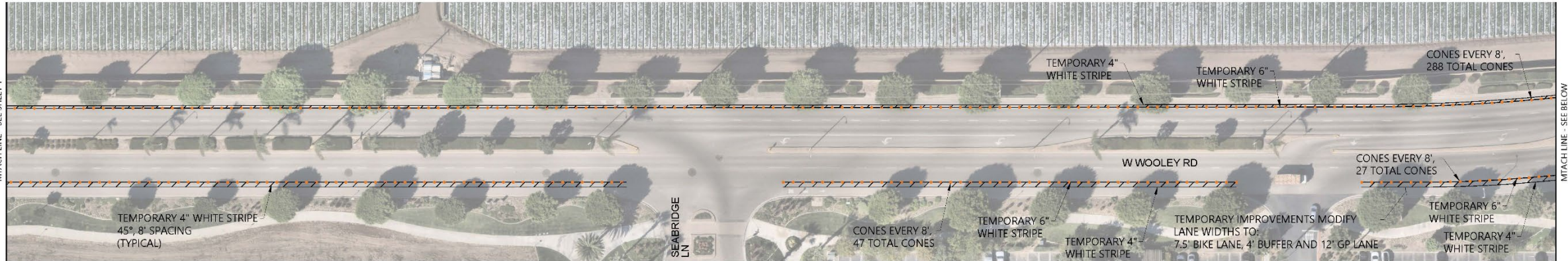
Pop Up Safety Project Oxnard

W WOOLEY RD
JEEP TRAIL TO TRADEWINDS DR



Pop Up Safety Project Oxnard

W WOOLEY RD SEABRIDGE LN TO VIA PACIFICA WALK



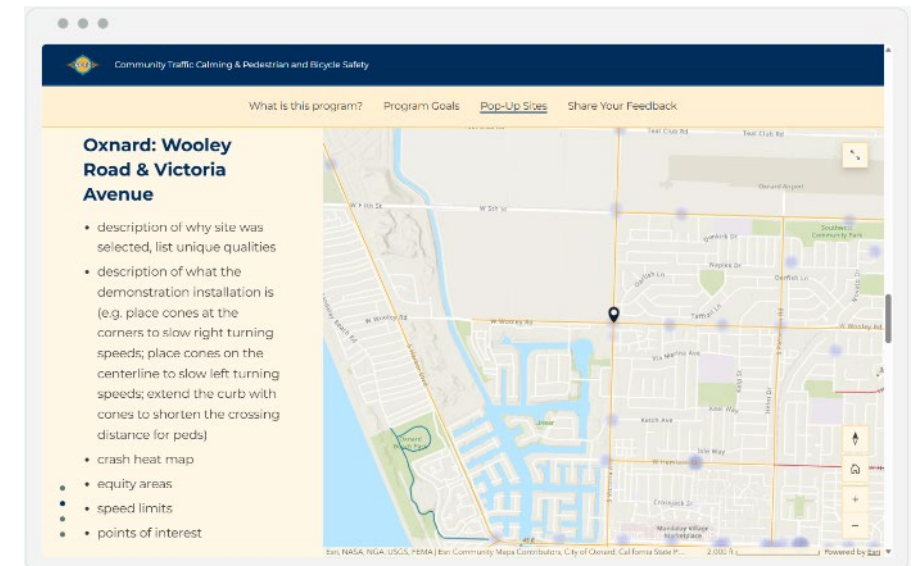
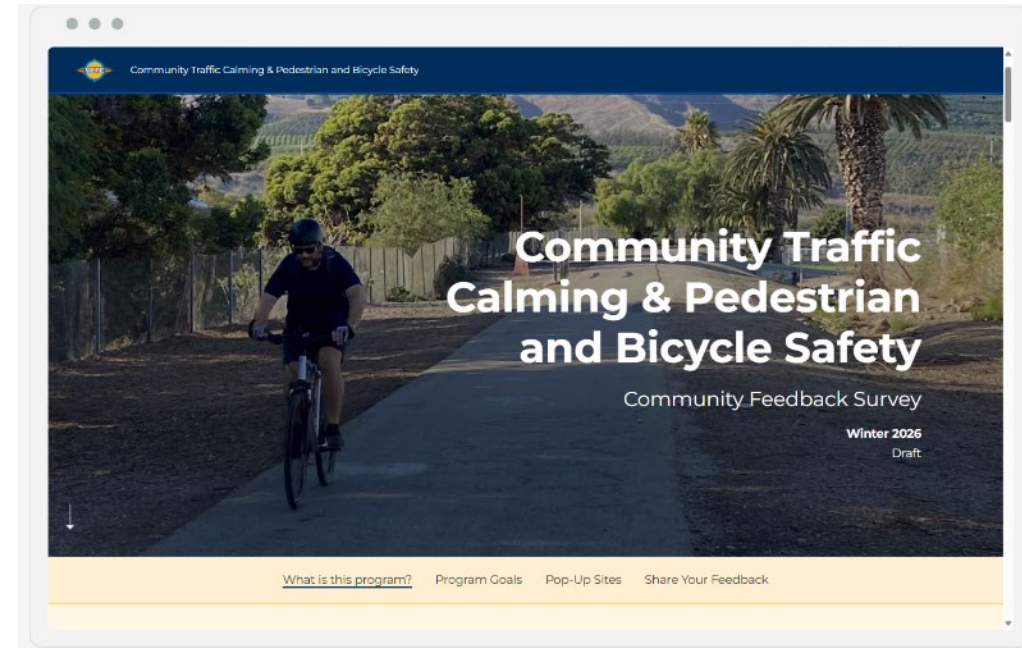
QUANTITIES TABLE			
ELEMENT	POP UP ELEMENT	QUANTITY	ON CENTER IN FEET
CONES	BIKE LANE BUFFER	842 EA	8
TEMPORARY 6" WHITE STRIPE	BIKE LANE OUTSIDE STRIPE	6,982 LF	
TEMPORARY 4" WHITE STRIPE	BIKE LANE INSIDE STRIPE	7,392 LF	
TEMPORARY 4" WHITE STRIPE (OPTIONAL)	BIKE LANE DIAGONAL BUFFER	2,425 LF	
GREEN BIKE PAINT	CROSS-BIKE	203 SF	
BIKE WITH ARROW	BIKE LANE SYMBOLS	5 EA	



Pop Up Feedback

StoryMap will link to online survey, which will ask community members about:


- Safety concerns while walking/biking in Ventura County
- Unsafe behaviors they've experienced at the demonstration sites
- Experience at the demonstration events



Community Survey

- Primary method to gather user sentiment and user satisfaction data
- Uses skip logic if respondents attended pop-up



 Ventura County
Transportation
Commission

VCTC Pop-up Event Feedback

The Ventura County Transportation Commission and the cities of Ventura, Simi Valley, and Oxnard would like your feedback about street safety demonstrations.

The locations of the pop-up demonstrations are:

- City of Ventura: San Nicholas St between MacMillan Ave & Jordan Ave
- City of Oxnard: Wooley Rd & Victoria Ave
- City of Simi Valley: Sycamore Dr & Cochran St

Your valuable feedback will help inform pedestrian and bicycle safety improvements in Ventura County.

This survey should take 5 minutes to complete. Your responses are confidential.

***1. Which location(s) do you want to provide feedback on?**

Ventura: San Nicholas St between MacMillan Ave & Jordan Ave

Oxnard: Wooley Rd & Victoria Ave

Simi Valley: Sycamore Dr & Cochran St



- Proposed data collection :
 - User Satisfaction Survey (During and After Event)
 - Intercept surveyor
 - Vehicle Turning Speeds (Before and During Event)
 - 1 Radar Surveyor
 - Ped-Vehicle interactions (Before and During Event)
 - 8-hr video with human eye counting ped-vehicle interactions

Draft Event Flyer & Social Media

See safety in action at a pop-up!

Ventura County Transportation Commission is hosting three pilot safety projects to create safer streets for walking and biking.



See safety in action in Simi Valley!



May X
7 am to
11 am


We're hosting a pilot safety project in the City of Simi Valley at the intersection of Sycamore Dr and Cochran St to create safer streets for walking and biking.


Contact SimiPSP@goventura.org with questions




See safety in action at a pop-up!

VCTC is hosting three pilot safety projects to create safer streets for walking and biking:

 **City of Ventura**
Monday, May XX through Saturday, May XX
San Nicholas St between MacMillan Ave & Jordan Ave
VenturaPSP@goventura.org

 **City of Oxnard**
Saturday, May XX, 9:00 a.m.–4:00pm
Wooley Rd & Victoria Ave
OxnardPSP@goventura.org

 **City of Simi Valley**
Thursday, May XX, 7:00 a.m.–11:00 a.m.
Sycamore Dr & Cochran St
SimiPSP@goventura.org



Pop-Up Schedule

 **City of Ventura**
Monday, May XX through Saturday, May XX
San Nicholas St between MacMillan Ave & Jordan Ave
VenturaPSP@goventura.org

 **Oxnard**
Saturday, May XX, 9:00 a.m.–4:00pm
Wooley Rd & Victoria Ave
OxnardPSP@goventura.org

 **Simi Valley**
Thursday, May XX, 7:00 a.m.–11:00 a.m.
Sycamore Dr & Cochran St
SimiPSP@goventura.org

Tell us what you think about the pilot safety projects!

Scan the QR Code or visit the link to learn more about the pilot safety projects and take a survey. Help create safer, better connected, and comfortable transportation options in Ventura County!



tinyurl.com/VCTCPopUps



Ventura County Transportation Commission





Safety Education Campaign

Safety Campaign Topics



E-bike safety



Wrong-way riding,
educating both bike riders
and drivers



Unsafe driving speeds



E-Bike Safety

Language for social media caption:

E-bikes give you a break from pedaling up-hill but they also take three times as long to stop as a regular bike. Always give yourself extra time to brake to avoid crashes and injury someone. Thanks for keeping Ventura County roads safe for everyone!



E-Bike Safety

Spanish caption:

Las bicicletas eléctricas te dan un respiro al pedalear cuesta arriba, pero también tardan tres veces más en detenerse que una bicicleta normal. Siempre date tiempo extra para frenar y así evitar accidentes y lesiones. ¡Gracias por mantener las carreteras del condado de Ventura seguras para todos!



E-Bike Safety

Language for social media caption:

E-bikes have more momentum and make a bigger impact in a crash than other bikes. Avoid an e-bike emergency by giving yourself more time to prevent a crash and always wear your helmet to reduce the impact of unpreventable crashes. Thanks for keeping Ventura County safe for everyone!

E-bikes ride easy but crash hard.

E-bikes are faster and crashes are harder. E-bike related injuries are on the rise. **Don't let e-bike speed turn deadly** - slow down and give yourself extra time to brake.



Wrong Way Riding (For Cyclists)

Language for social media caption:




Ventura County is seeing a spike in crashes related to bicyclists riding on the wrong side of the road. These crashes are happening even when bike lanes are available. Riding your bike with the flow of traffic helps other road users see you before it's too late. Thanks for riding on the right side of the road, keeping Ventura County safe for everyone!



Wrong Way Riding (For Drivers)

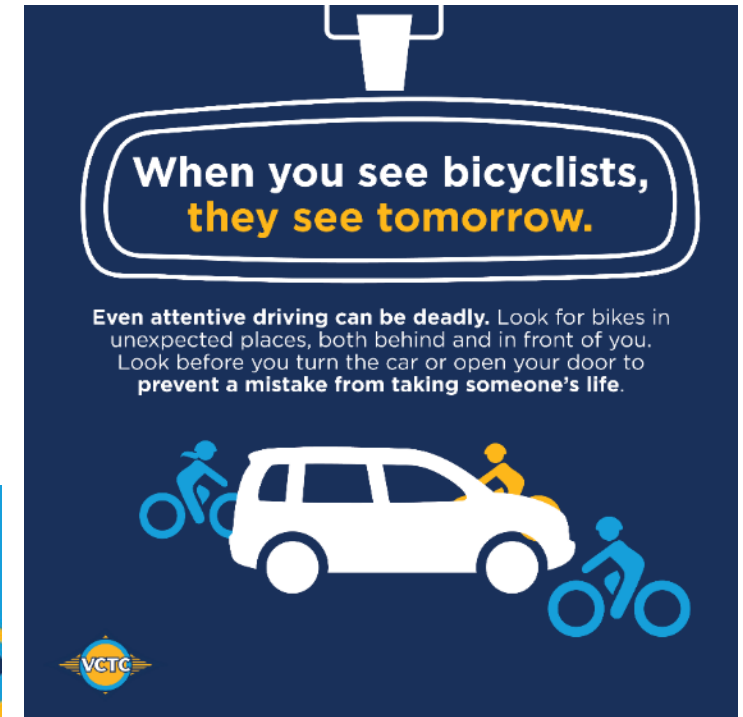
Language for social media caption:

The top three causes of vehicle-to-bike crashes in Ventura County are:

-  bikes riding on the wrong side of the road
-  drivers violating right-of-way laws
-  improper turning

Be sure to look for bikes in unexpected places, especially when turning. Check your mirrors before opening your car door and remember to yield to bicycles and pedestrians.

Thanks for keeping Ventura County safe for everyone!



Unsafe Speeds

Language for social media caption:

In Ventura County people are being hit in crosswalks even when they have the right of way. Driving too fast makes it harder to spot people and slow down in time. Speed also plays a big factor in how severe injuries will be. Remember to slow down and brake for pedestrians. Thanks for keeping Ventura County safe for everyone!



The slower you drive, the more likely they **survive.**

Speed determines how severe a crash, and the resulting injuries, will be. Even driving 25 MPH you could take someone's life.

Slow down and save a life.





Parent and Caregiver Support Materials

Parent/Caregiver Material Topics:

Buying an e-bike for your child (explainer of classes, laws, etc.)

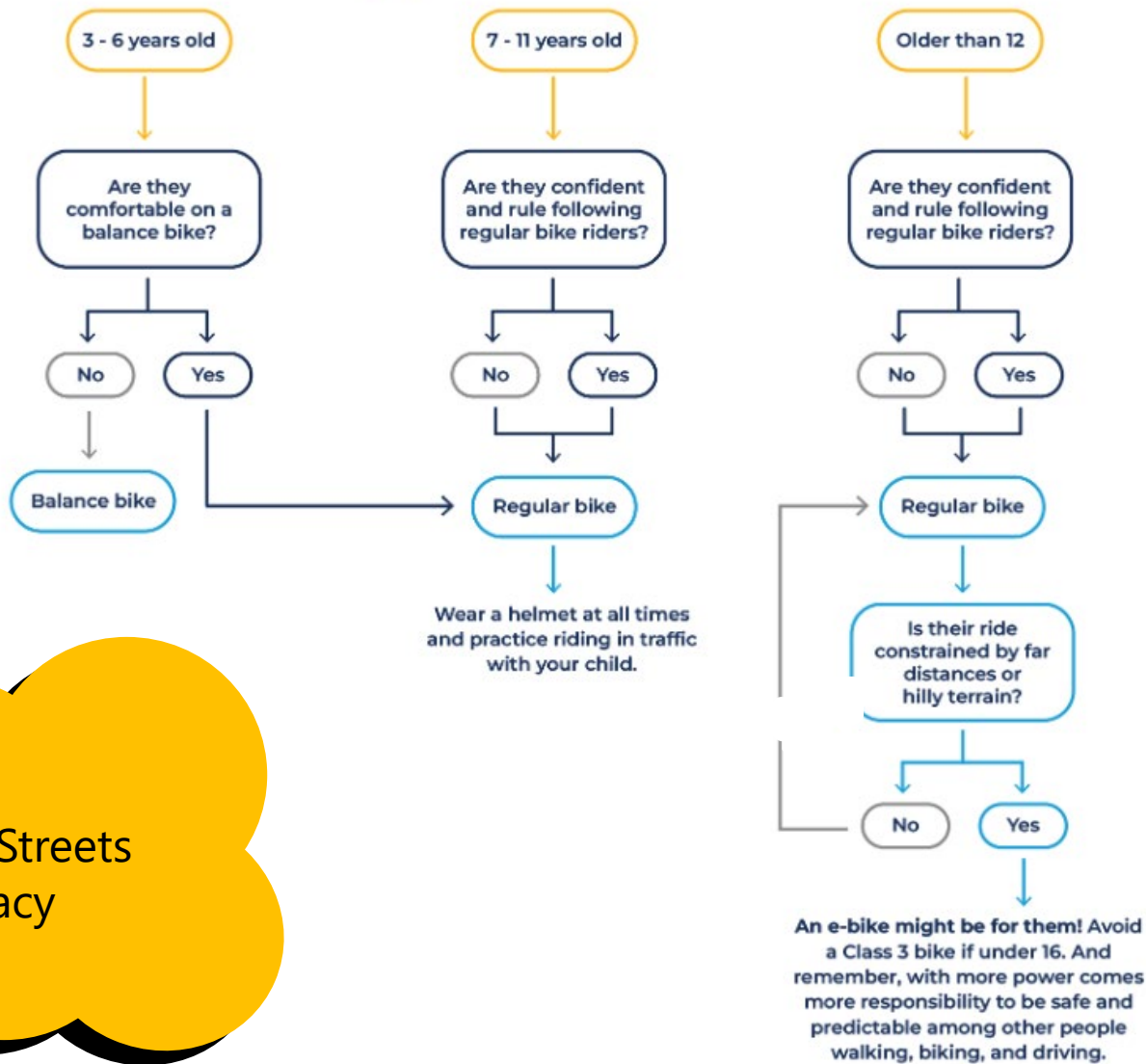
Biking Infrastructure 101 (e.g., Class I-IV)

Complete Streets Advocacy

Choosing a bike for your child

DRAFT:

? How old is your child?



Parent/Caregiver Material Topics:

Is it an e-bike?

Class 2 e-bikes have a throttle-assist.

Class 2 e-bikes:

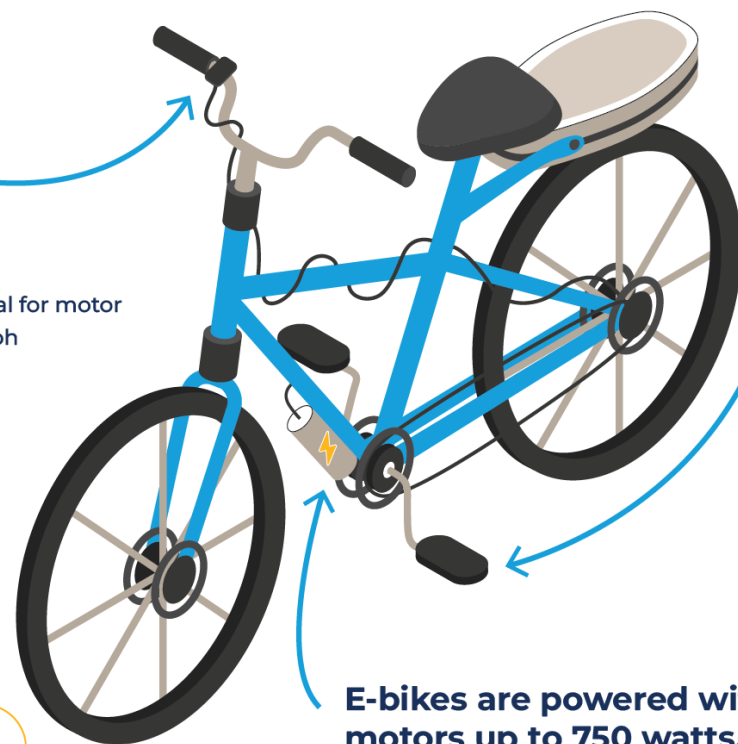
- Not required to pedal for motor
- Max. speed of 20 mph



Devices with max. speeds above 28 mph are **not e-bikes!**



Devices requiring a license or registration to operate are **not e-bikes!**



E-bikes are powered with motors up to 750 watts.



Devices with motors stronger than 750 watts or that can be modified are **not e-bikes!**



Devices without moving pedals are **not e-bikes!**

Pedals move like a traditional bike. Class 1 and 3 e-bikes have a pedal-assist.

Class 1 e-bikes:

- Must pedal for motor
- Max. speed of 20 mph

Class 3 e-bikes:

- Must pedal for motor
- Max. speed of 28 mph
- Must be at least 16 years old
- Must have a speedometer
- Must wear a helmet
- No passengers allowed



Scope Modifications



Community Traffic Calming and Pedestrian & Bicycle Safety Program Scope Modifications

- Task 3: Reduce the number of temporary infrastructure installations (aka pop-up safety pilot projects) from five to three and enhance the installations at each location
- Task 3: Transition from bike rodeos to the development of Parent/Caregiver Support Materials
- Task 3: Transition from community walk audits in the five key temporary installation locations to partnering with Nyeland Promise to host one community walk audit in the unincorporated community of Nyeland Acres.
- Task 3: Reduce the number of project recommendations with preliminary engineering from five to three based on the reduction in temporary infrastructure installations.
- Transfer \$270,000 from Countywide Transit Stops Inventory & Accessibility Assessment / Capital Improvements Program to this project for a total project cost of \$570,000.





Next Steps



Upcoming

- Host pop up safety pilot projects, community workshops, and community walk audit in spring and summer 2026
 - Launch community feedback survey
- Coordinate with local agency partners
- Project engineering and VCTC Board approval in summer/fall 2026



Staff Recommendation:

1. Receive and file a presentation on the Community Traffic Calming and Bicycle & Pedestrian Safety Program.
2. Authorize the Executive Director to negotiate and execute an amendment to the Agreement with NN Engineering, Inc. for Consultant Services to complete the revised scope of work.
3. Authorize the Executive Director to amend the Memorandum of Understanding with the Southern California Association of Governments (SCAG) to reallocate \$270,000 from Project VC01 (Countywide Transit Stops and Stations Assessment and Infrastructure Improvements) to VC04 (Community Traffic Calming and Bicycle & Pedestrian Safety Program).



Questions?



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(805) 642-1591 x119

Dru van Hengel

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[.com](http://nelsonnygaard.com)



STATEMENTS

 **Statement on Electric
Bicycle Safety and
Injury Prevention**

June 6, 2025

The following statement was developed by the ACS Committee on Trauma and approved by the Board of Regents at its June 2025 meeting.