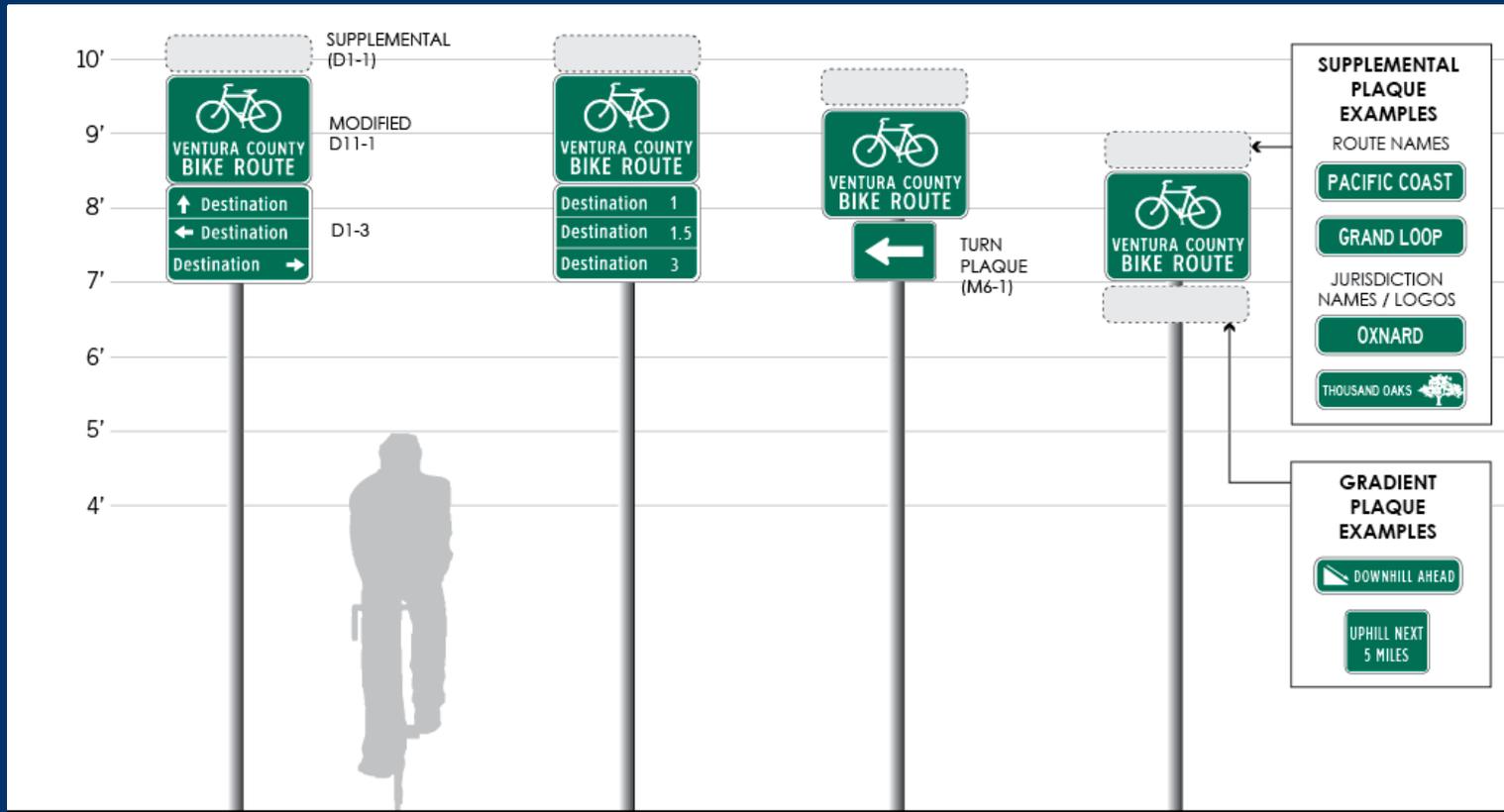


# VENTURA COUNTY BICYCLE WAYFINDING PLAN



SCAG Toolbox Tuesday  
August 21, 2018



# OVERVIEW

**SUPPLEMENTAL PLAQUE EXAMPLES**

ROUTE NAMES  
 PACIFIC COAST  
 GRAND LOOP

JURISDICTION NAMES / LOGOS  
 OXNARD  
 THOUSAND OAKS

**REGIONAL BICYCLE WAYFINDING PROGRAM**  
**VENTURA COUNTY REGIONAL BIKEWAY WAYFINDING PLAN**  
 APRIL 2017

PREPARED FOR: VENTURA COUNTY TRANSPORTATION COMMISSION  
 PREPARED BY: ALTA PLANNING + DESIGN



**KEY STATS:**

**17**  
REGIONAL ROUTES

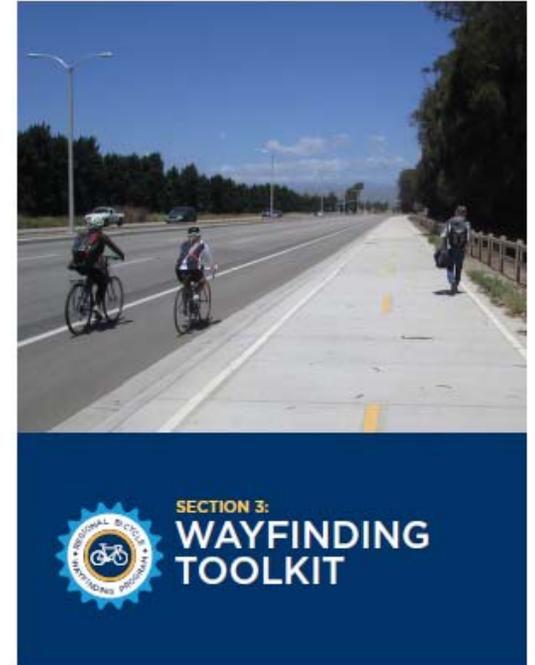
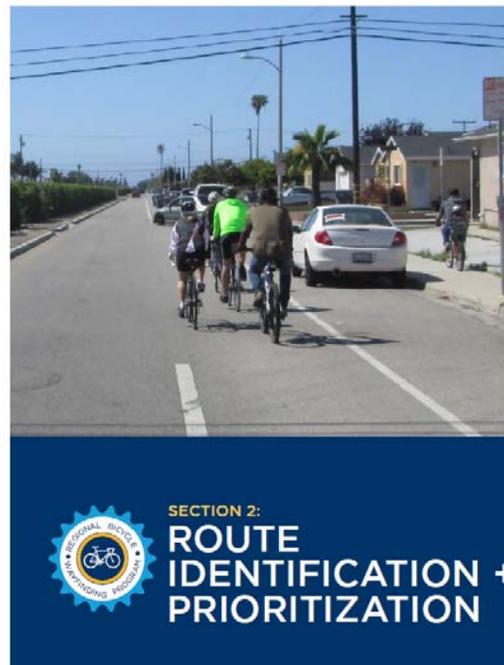
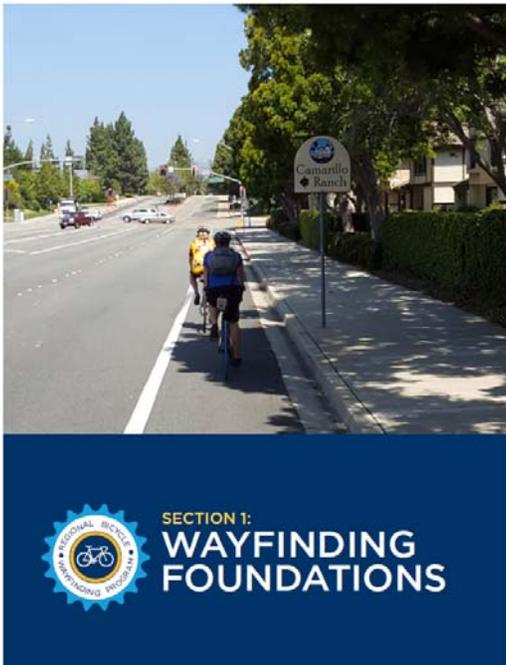
**413**  
MILES OF BIKEWAYS

**386**  
ONLINE SURVEY RESPONSES

**148**  
SIGNS FOR PHASE 1 IMPLEMENTATION

# OVERVIEW

The plan is divided into three sections:



## SECTION 1:

# WAYFINDING FOUNDATIONS

## KEY ELEMENTS

- Project Vision and Goals
- Planning Process
- Existing Conditions & Opportunities
- Wayfinding Principles
- Sign Standards
- Case Studies

### ROUTE PLANNING

GOAL  
1

**Identify & Prioritize.** Identify and prioritize regional bicycle routes.

GOAL  
2

**Connectivity.** Promote connectivity between Ventura County communities as well as Santa Barbara and Los Angeles Counties.

GOAL  
3

**Destinations.** Encourage connectivity to regional destinations such as parks, trails, educational institutions, employment centers, transit, park and ride lots, and tourist destinations.

GOAL  
4

**Inclusive Bikeways.** Identify wayfinding routes distributed for all user types across the county.

GOAL  
5

**Comfort.** Assess the difficulty of county-identified bicycle routes to enable people to gauge comfort level along the routes based on skill or experience.

GOAL  
6

**Community Engagement.** Maintain community engagement throughout the planning process.

GOAL  
7

**Sign Design Guidelines.** Create uniform wayfinding sign design guidelines.

GOAL  
8

**Route Visibility.** Use wayfinding signage to make bicycle routes more visible.

GOAL  
9

**Local Economy.** Support the local economy by providing Ventura County residents and tourists with directional and distance information.

GOAL  
10

**Technology.** Incorporate technology, and be accessible via GPS and online map tools.

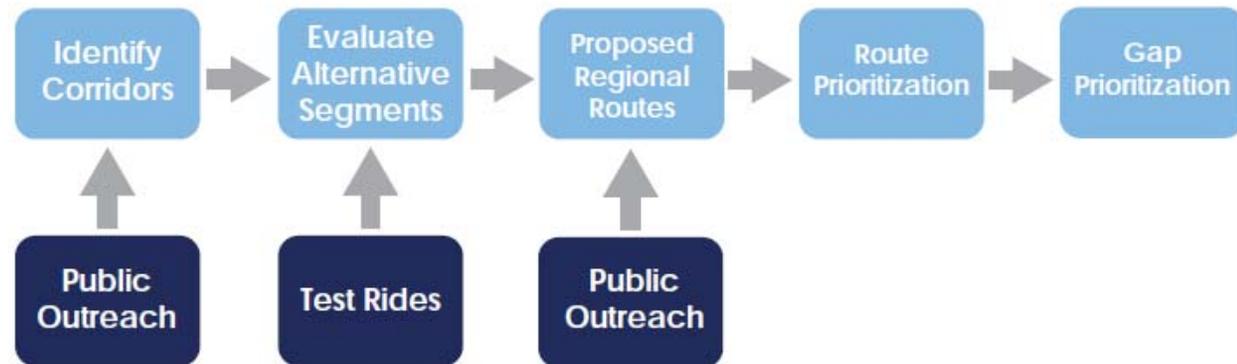
### SIGN DESIGN

## SECTION 2:

# ROUTE IDENTIFICATION + PRIORITIZATION

## KEY ELEMENTS

- Public engagement process
- Regional route identification process
- Maps and documentation on how routes were analyzed for prioritization
- Gap analysis



# PROPOSED ROUTES

17

Regional Routes

411

Miles



# PUBLIC INPUT

Share your knowledge and preferences for biking in Ventura County. You can interact with the map in a number of ways: **1.)** Draw a new route **2.)** Add destinations you would like to ride to or add comments **3.)** Comment on other routes and destinations that have been added to the map, **4.)** Upload GPS data of your recommended bicycling routes.

Sponsored By

Prepared By:

1.) Click on "Routes" to create a new route

2.) Click on "Points" to:

- Comment on a route
- Recommend a destination

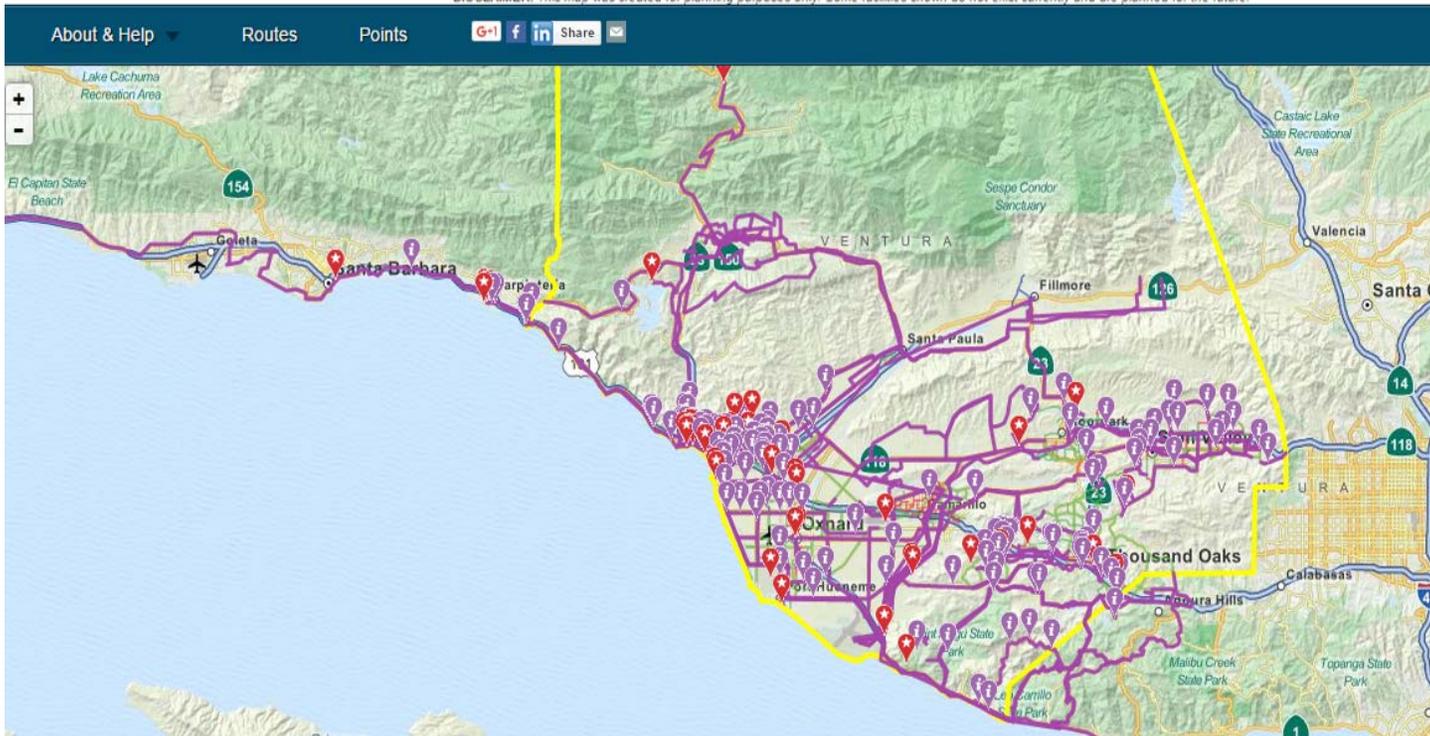
3.) Comment on new routes that have been added to the map (agree or disagree)

4.) If you track your bike rides with GPS, upload your recommendations! From the "About&Help" drop down menu click on "Upload." Your data will be sent to the system administrator, please allow five business days for your routes to post.

Existing Bikeways

- Bike Paths/Trails
- Bike Lanes
- Signed Bike Routes

DISCLAIMER: This map was created for planning purposes only. Some facilities shown do not exist currently and are planned for the future.



278

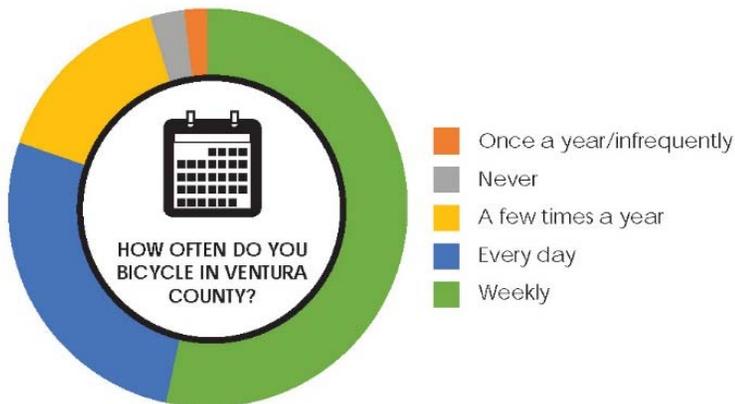
People

686

Comments

# PUBLIC INPUT

## HOW OFTEN DO YOU BICYCLE?



## WHAT IS THE MAIN REASON YOU BICYCLE?



## HOW CONFIDENT OF A BICYCLIST ARE YOU?

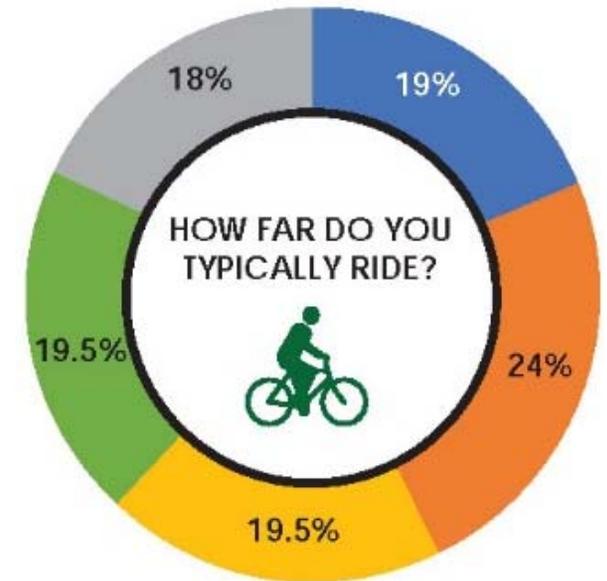
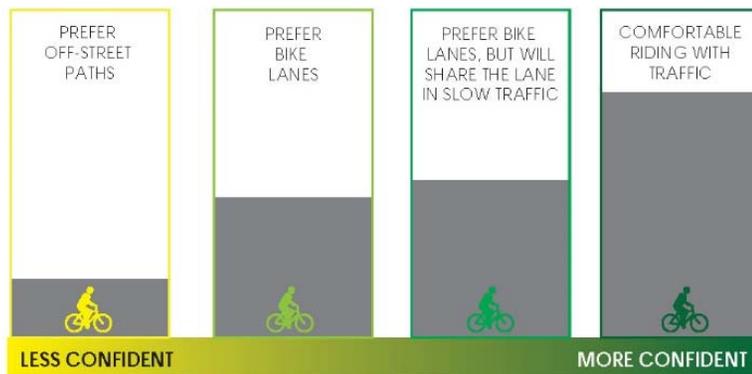
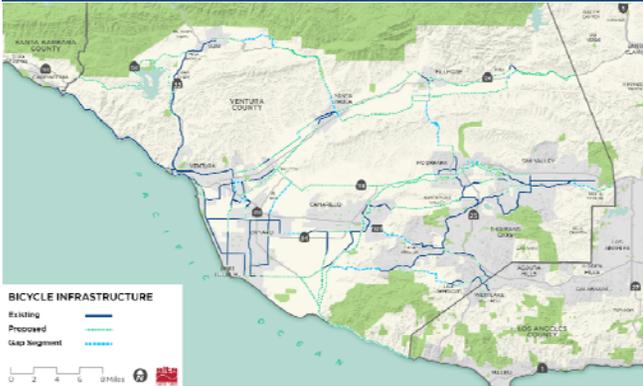


Figure 2-3: Survey Results

# EVALUATION CRITERIA EXAMPLES

## ROUTE READINESS



## NEEDS ANALYSIS



## SAFETY/COMFORT/SKIL



## REGIONAL

## CONNECTIONS



## COMMUNITY SUPPORT



# PRIORITIZATION RESULTS

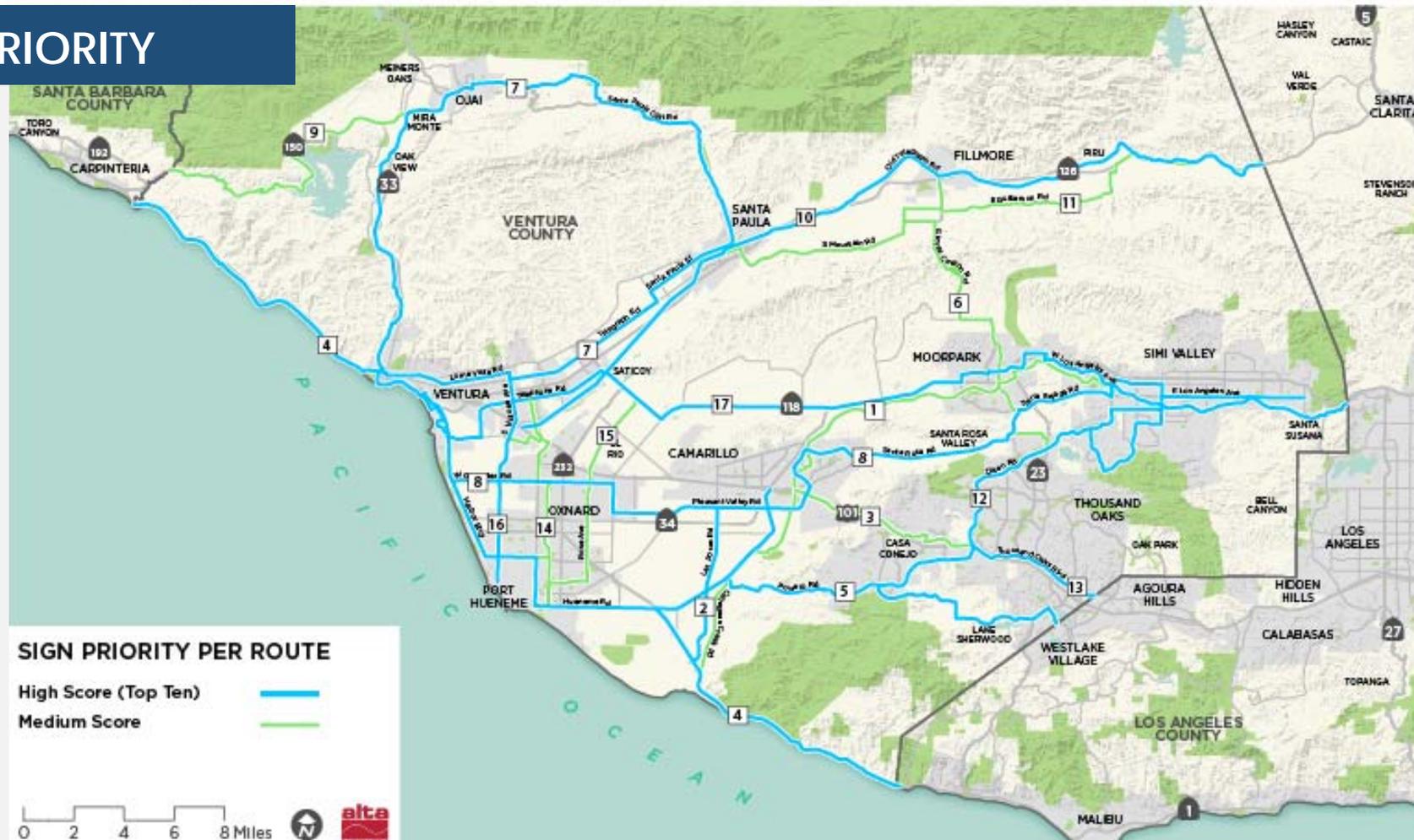
## SIGN PRIORITY

### HIGH SCORERS:

- High level of readiness
- Need for Wayfinding
- Robust connection to regional destinations
- Strong Community support

### CONSIDERATIONS:

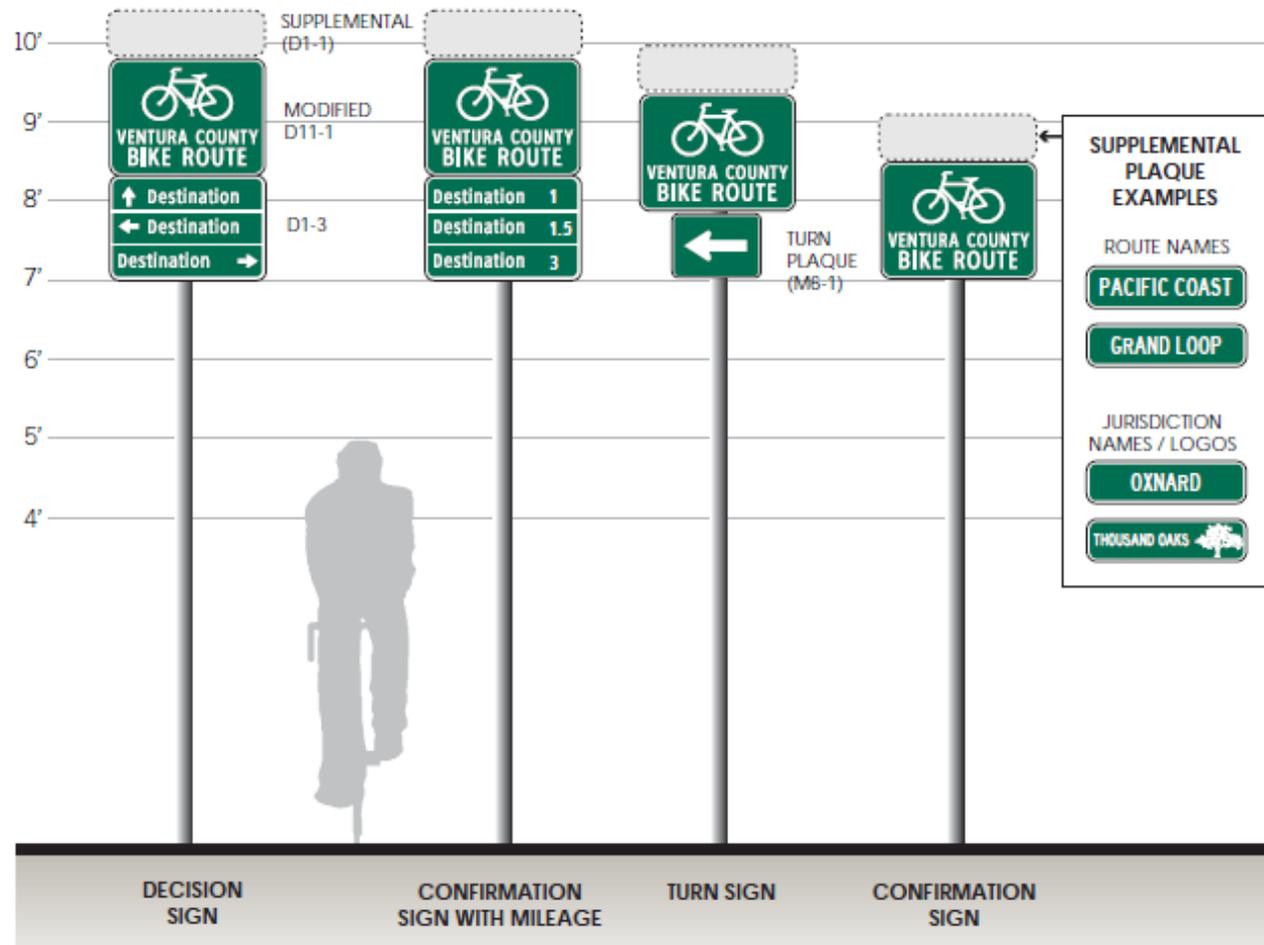
- Opportunities to move off road for trail projects



# SECTION 3: WAYFINDING TOOLKIT

## KEY ELEMENTS

- Wayfinding family of signs
- Sign programming
- Sign placement
- Implementation



# WAYFINDING FAMILY



## DECISION SIGN

### Description

Decision signs clarify route options when more than one potential route or multiple regional destinations exist. Signs consist of the regional bike route plaque and space for up to three destinations with arrows.

### Placement

Install decision signs along a regional bikeway prior to decision making points and at intersections. Allow for sufficient distance prior to the intersection to provide safe recognition and response to information provided. Decision signs should be placed on the near side of the intersection and followed by a confirmation sign with mileage on the far side of an intersection.

### Materials

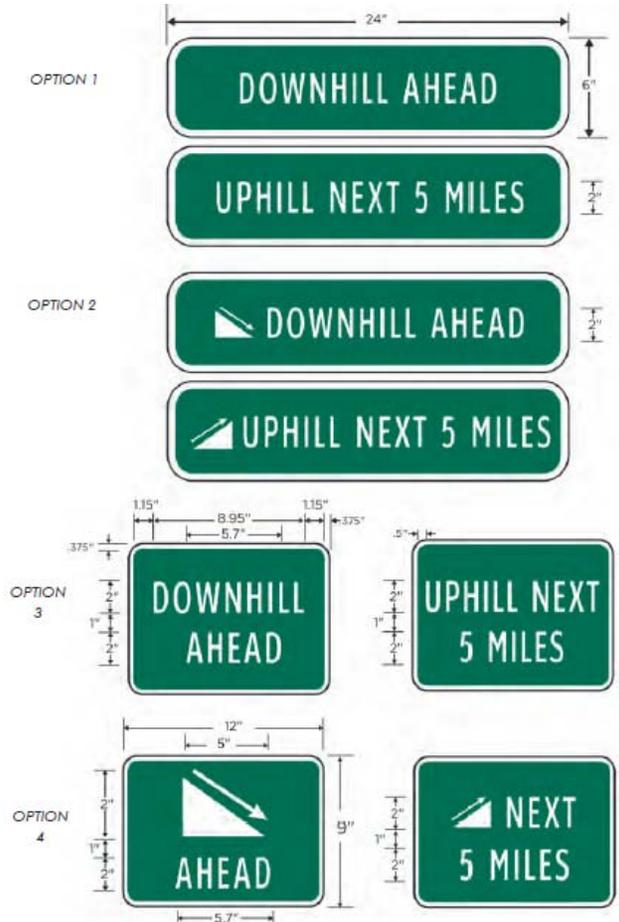
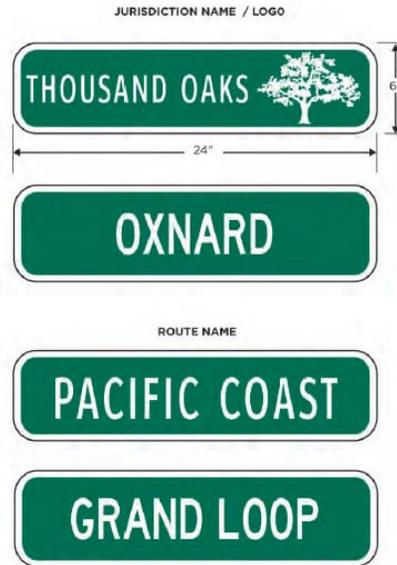
- 0.080 inch high intensity prismatic aluminum sign panel
- Front of sign to be solvent print or 3M EC Film with UV Gloss Laminate
- Artwork to be solvent print or digitally imaged vinyl applied to sign
- Mount to post

Figure 3-3: Decision Sign

- Notes:
- Regional Bike Route Plaque and Destination Plaque can be fabricated as two individual signs or as one sign.

### Destination Plaque

- D1-1b layout
- Clearview Hwy 2W Font, capital letter height 2", capitalize only first letter of each word
- MUTCD standard arrow (3" x 2.1")
- Forward and left destinations aligned left with arrow; right destination aligned right with arrow
- Ahead and left arrows centered



# PHASE I PLACEMENT PLANS

Detailed placement plans were developed for 18 intersections throughout the County

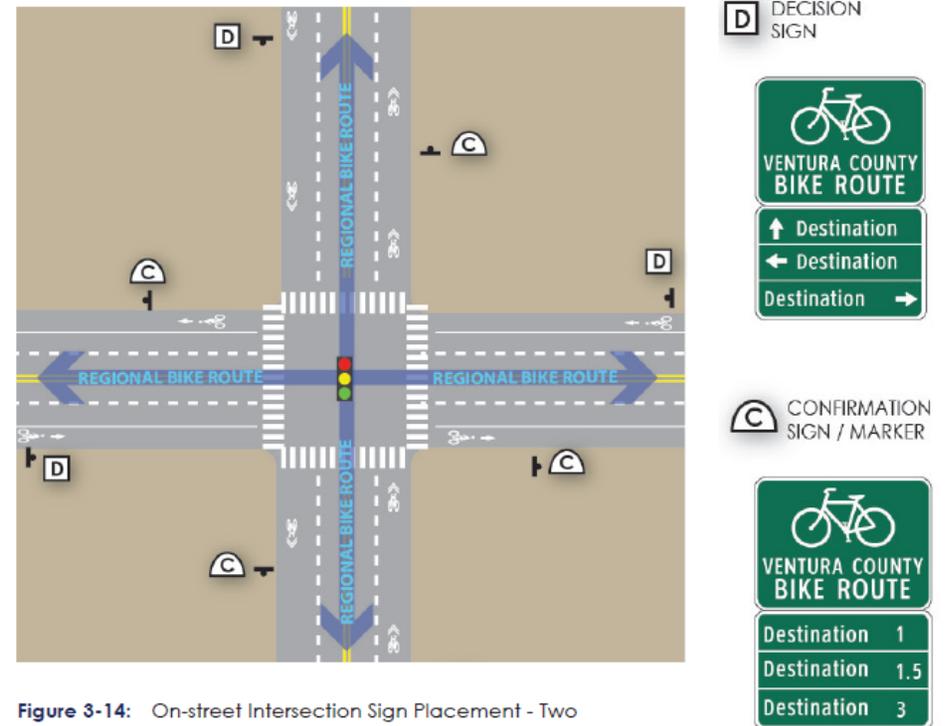
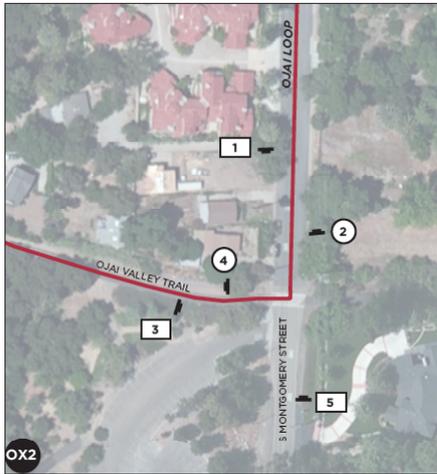


Figure 3-14: On-street Intersection Sign Placement - Two Routes, Multiple Destinations

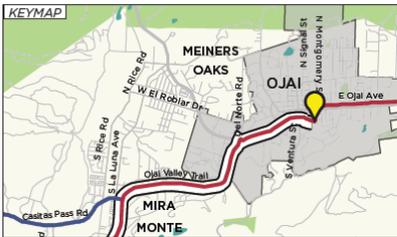
# PHASE I SIGN PLACEMENT



# PHASE I SIGN PLACEMENT



INTERSECTION OF S MONTGOMERY ST AND OJAI VALLEY TRAIL



CODE	SIGN	TYPE	ARROW	SIGNED AS	LINES	DIST.	LANES
OJ2	1	D	←	Ojai Valley Tr	1		
				Mira Monte	1		
OJ2	2	C		Ojai Village	1	0.25	
				Santa Paula	1	14	
OJ2	3	D	←	Ojai Village	1		
				Santa Paula	1		
OJ2	4	C		Ojai Valley Tr	1		
				Mira Monte	1	4.5	
OJ2	5	D	↑	Santa Paula	1		
				Ojai Valley Tr	2		



1 OJ2-1 Decision Sign



2 OJ2-2 Confirmation Sign



3 OJ2-3 Decision Sign



4 OJ2-4 Confirmation Sign



5 OJ2-5 Decision Sign

JURISDICTION:  
*City of Ojai*

APPROVED BY:

Name/signature \_\_\_\_\_

Date \_\_\_\_\_

no.	date	by	chkd	description

**GENERAL NOTES**

1. ALL PLACEMENT SHOULD BE STAKED AND VERIFIED, AND APPROVED BY OWNER IN THE FIELD, PER SPECS, SEE SHEET N.H.Z.
2. SEEK OPPORTUNITIES TO MOUNT SIGNS TO EXISTING INFRASTRUCTURE WHEREVER POSSIBLE. CO-LOCATING SIGNS TO FOLLOW CAMUTCD STANDARDS.
3. SIGN MOUNTING SHALL FOLLOW LOCAL JURISDICTION STANDARDS.
4. SIGN DIAGRAMS ON THIS SHEET ARE FOR REFERENCE ONLY. SEE DESIGN INTENT PLANS FOR SIGN DESIGN DETAILS AND DIMENSIONS.
5. FABRICATORS SHALL VERIFY THE MOUNTING CONDITIONS AND PROVIDE A DETAIL DRAWING FOR EACH MOUNTING SITUATION. PRIOR TO FABRICATION AND INSTALLATION, FABRICATOR SHALL OBTAIN APPROVAL FROM THE PROJECT OWNER FOR PLACEMENT PRIOR TO FABRICATION.
6. PROJECT OWNER SHALL BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS PRIOR TO THE EXECUTION OF ANY WORK, INCLUDING CHANGES TO GRAPHIC DESIGNS OR TYPOGRAPHY.

**LEGEND**

- ▬ SIGN LOCATION
- ▣ DIRECTION SIGN
- ⊙ CONFIRMATION SIGN
- ⚠ TURN SIGN

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date: designed \_\_\_\_\_ detailed \_\_\_\_\_  
checked \_\_\_\_\_

**VCTC REGIONAL BIKEWAY WAYFINDING SIGNS**

drawing: **OJ2** — sheet **7**

# QUESTIONS?



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