

# CITY OF ENCINITAS

Education and Outreach Update and  
Potential Mobility and Safety Enhancements for Bicycle Facilities



# Background

- **Local Emergency Resolution on June 28, 2023**
- **Immediate actions**
  - **Public Awareness: 300 Yard Signs, 20 CMS Boards**
  - **Education: New Safety and Mobility Webpage**
  - **Enforcement: New Bike Ordinance July 28<sup>th</sup>**
  - **Engineering evaluation of city infrastructure**
- **Future actions**
  - **Additional Web content**
  - **Additional educational program offerings**
  - **Potential capital projects**



# Outreach & Education



## Yard Signs

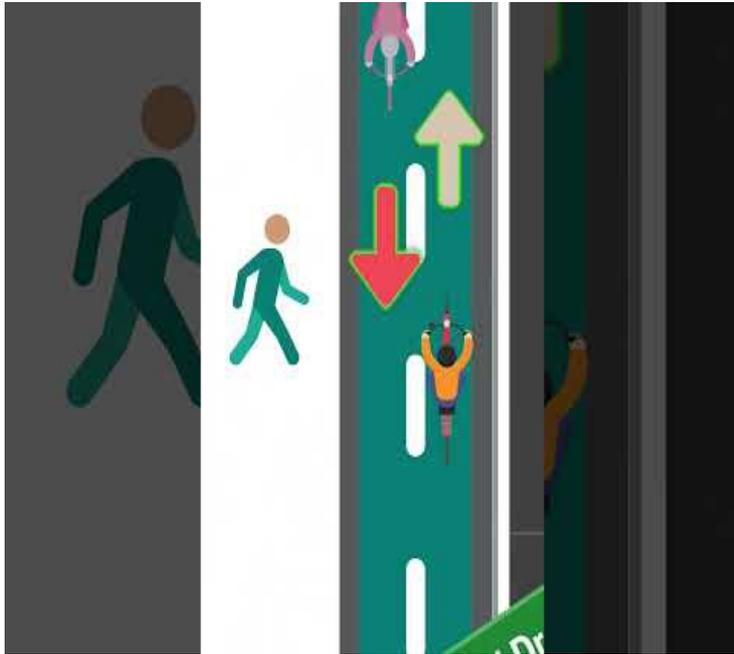
- Pickup at City Hall & Encinitas Community Center
- Available to residents, businesses and schools to display on their property

## CMS Boards

- 10 around the City
- 10 more at schools



# Outreach & Education

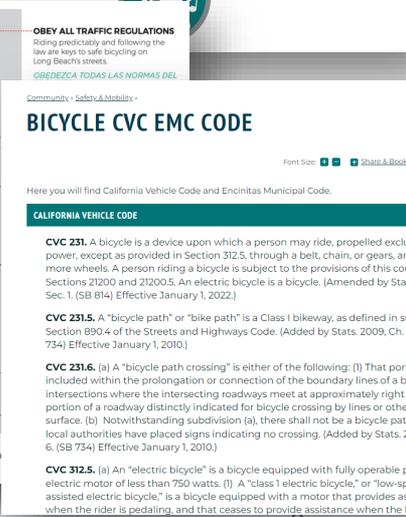
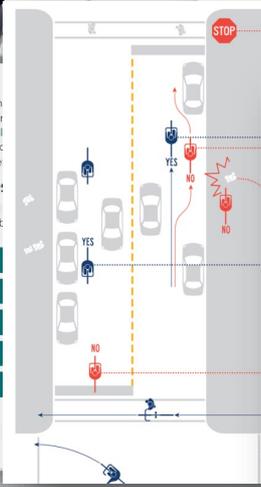
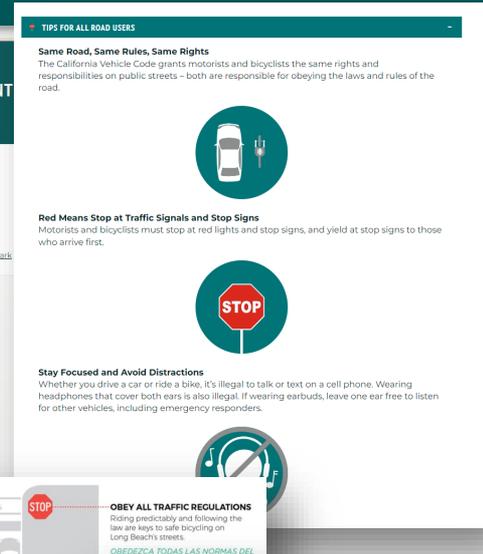
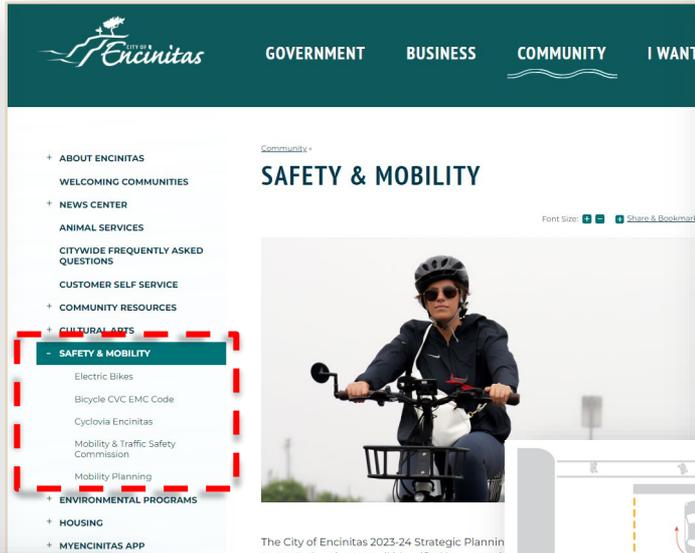
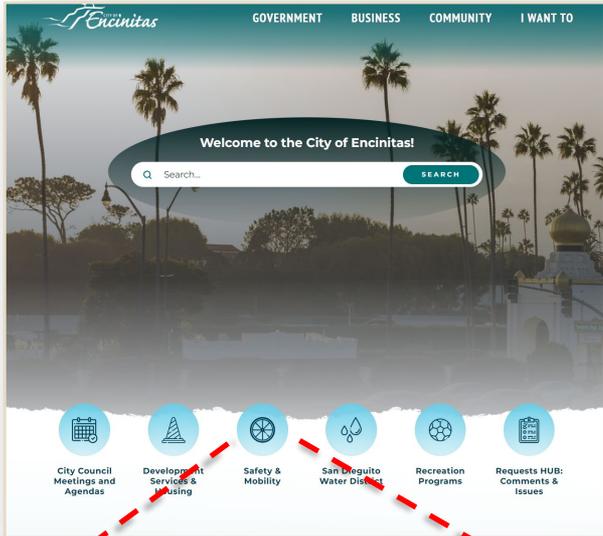


- **Video Content**

- Quick and digestible
- Focused on specifics
- Short and to the point
- Optimized for social media
- Long form video for broadcast and YouTube
- Focused on both safety and general mobility education



# Safety & Mobility Web Presence



# Enforcement & Collision Data

**Motor Vehicle Citations: Approximately 600 driver citations since 6/28/23**

## Bike Citations:

Citation Type	Count
21212 (A) - VC - MINOR UNDER 18:FAILURE TO WEAR BICYCLE HELMET (I);	28
14.56.050 - ENMC - BICYCLE RIDERS SHALL OBEY ALL APPLICABLE TRAFFIC LAWS;	26
14.56.030 - ENMC - RIDING ON HANDLEBARS OF BIKE/MOTORCYCLE;	5
21453 (A) - VC - SIGNAL LIGHTS:CIRCULAR RED (I);	5
12500 (A) - VC - DRVG WITHOUT VALID DRVR'S LIC (M);	1
22450 (A) - VC - FAILED TO STOP FOR STOP SIGN (I);	1
TOTAL	66

**59 Bike  
Diversions**

## Current Bike Collision Data:

	Total eBike Collisions	Injured	Killed
2020	5	5	0
2021	29	25	0
2022	44	39	0
2023 YTD	15	15	1
Total	93	84	1

	Total Manual Bike Collisions	Injured	Killed
2020	12	13	1
2021	5	5	0
2022	4	6	0
2023 YTD	4	5	0
Total	25	29	1

# Signing and Striping Projects Moving Forward



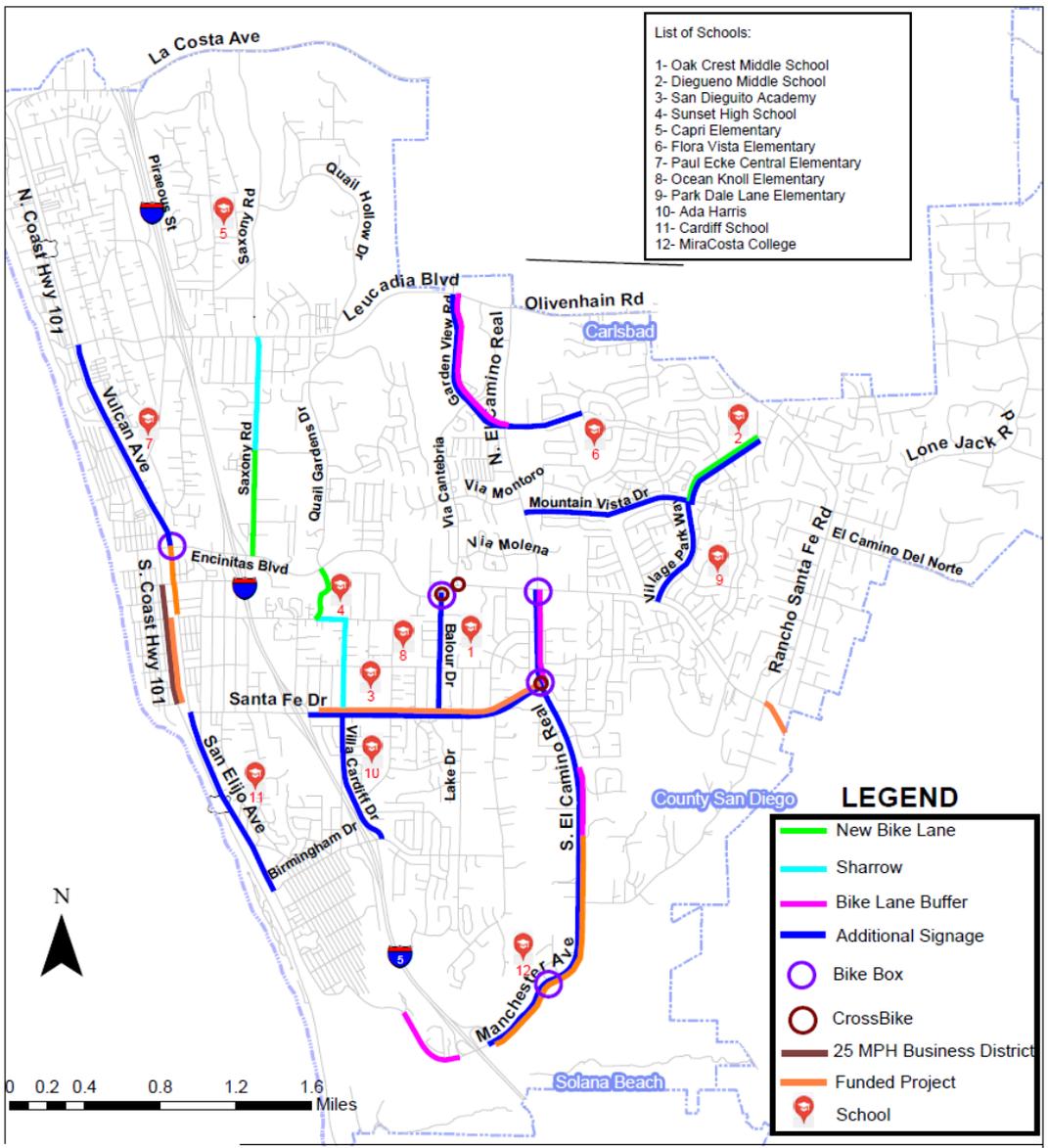
## New Safety Features:

- Sharrows
- Narrowed travel lanes
- Class II painted bike lanes/buffers
- Additional Signage

## Project Locations

- South 101: F St to K St
- Vulcan Ave: Encinitas Blvd to E St
- Manchester Ave: I-5 to north ECR
- S Rancho Santa Fe: RSF Rd to City Limit

# Potential New Bike Safety Projects



# Potential New Class II Bike Lanes



## Locations:

- Saxony Rd: Encinitas Blvd to Leichtag Foundation
- Westlake St: Encinitas Blvd to Requeza St
- Village Park Way: Mountain Vista Dr to Diegueno School

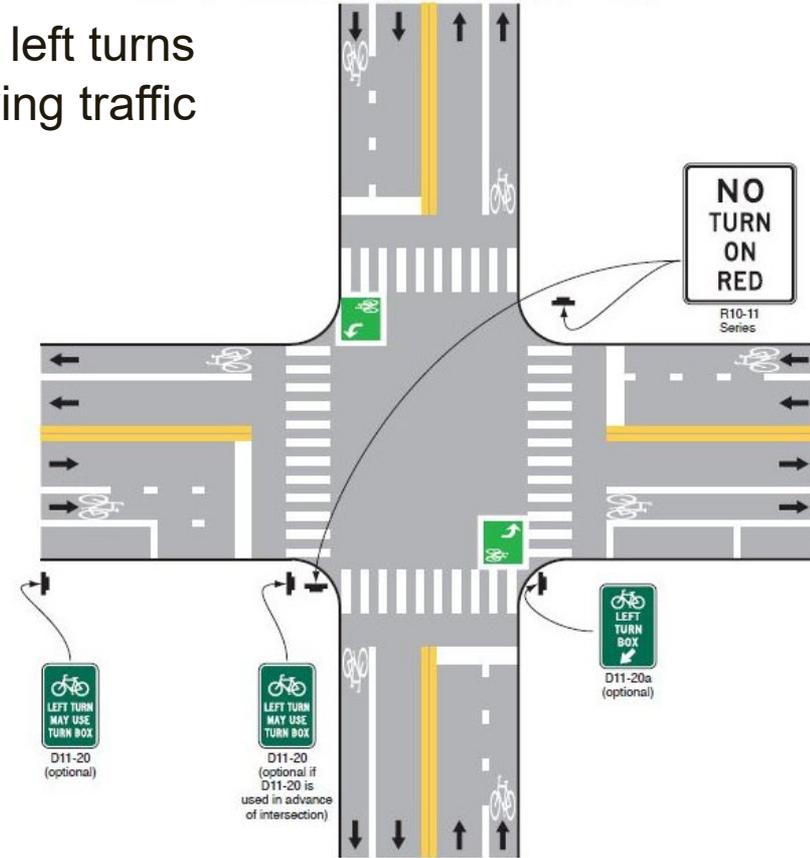
# Bike Boxes (Two-Stage Left Turn)

**Two-Stage Left Turn Bike Box:** allow cyclist left turns at a signal without crossing multiple lanes of moving traffic

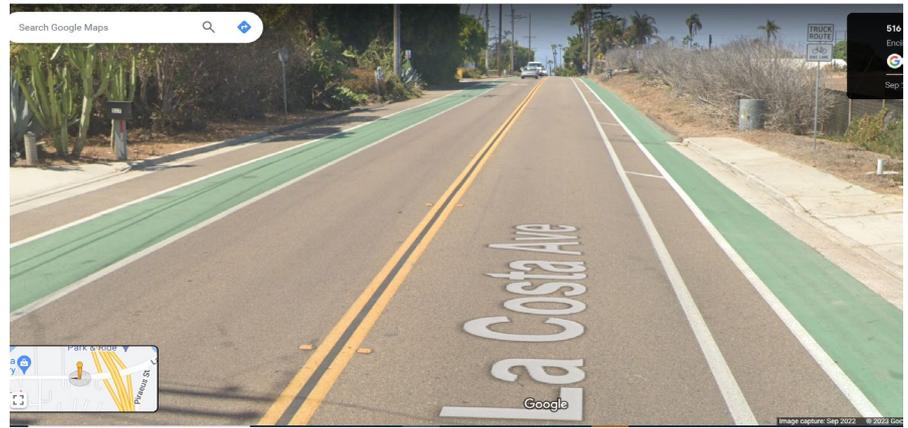
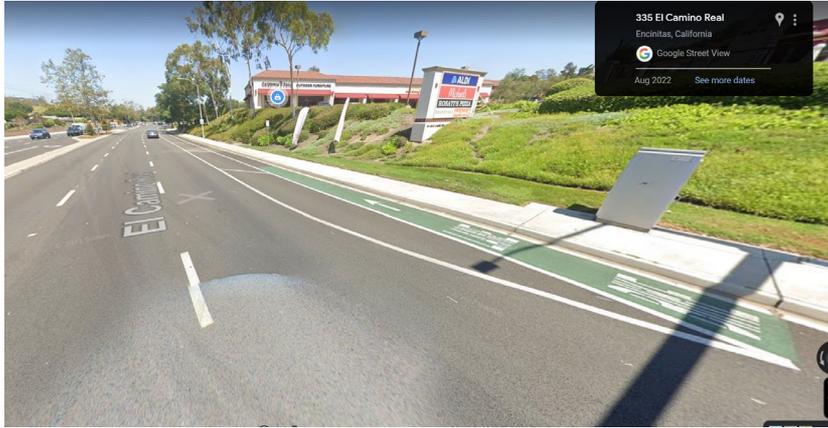


## Potential Locations:

1. Encinitas Blvd/Vulcan Ave
2. Encinitas Blvd/Balour Dr
3. Encinitas Blvd/El Camino Real
4. Manchester Ave/Mira Costa College



# Potential New Bike Lane Buffers



## Locations:

- Manchester Ave (San Elijo Water Campus to I-5)
- Garden View Rd (Leucadia Blvd to N ECR)
- S ECR (Encinitas Blvd to Santa Fe Dr)
- S ECR (Calle Ryan to Sage Canyon Dr)

# Potential Sharrow Markings

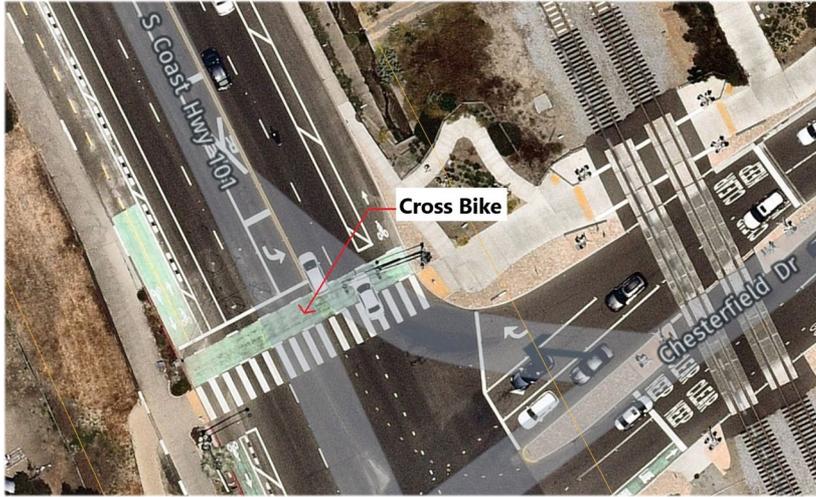


## Locations:

- **Saxony Rd: Leitchtag Foundation to Leucadia Blvd**
- **Requeza St: Westlake St to Nardo Rd**
- **Nardo Rd: Requeza to Santa Fe Dr**

# Cross Bikes at Intersections

**Cross Bike:** cyclists cross next to a pedestrian crosswalk for increased visibility



Chesterfield Dr/South Coast Hwy 101



Example: Davis, CA

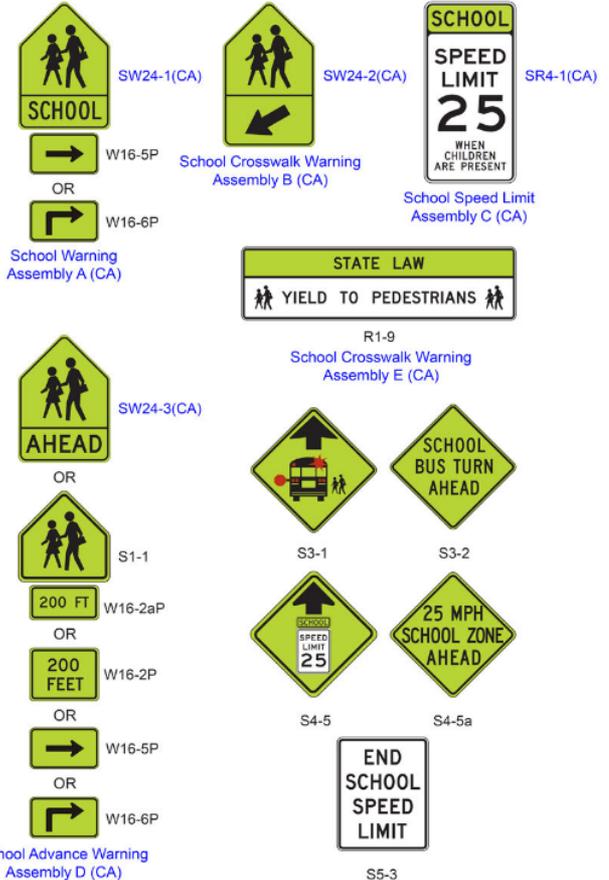
## Potential Intersections:

1. Encinitas Blvd/Balour Dr
2. Encinitas Blvd/Via Cantebria
3. Santa Fe Dr/El Camino Real

# Potential New Signage

## Traffic calming signage @ schools:

- Vulcan Avenue
- Garden View Road
- Mountain Vista Drive
- Village Park Way
- San Elijo Avenue
- Santa Fe Drive
- Balour Drive
- El Camino Real
- Manchester Avenue
- Villa Cardiff Drive

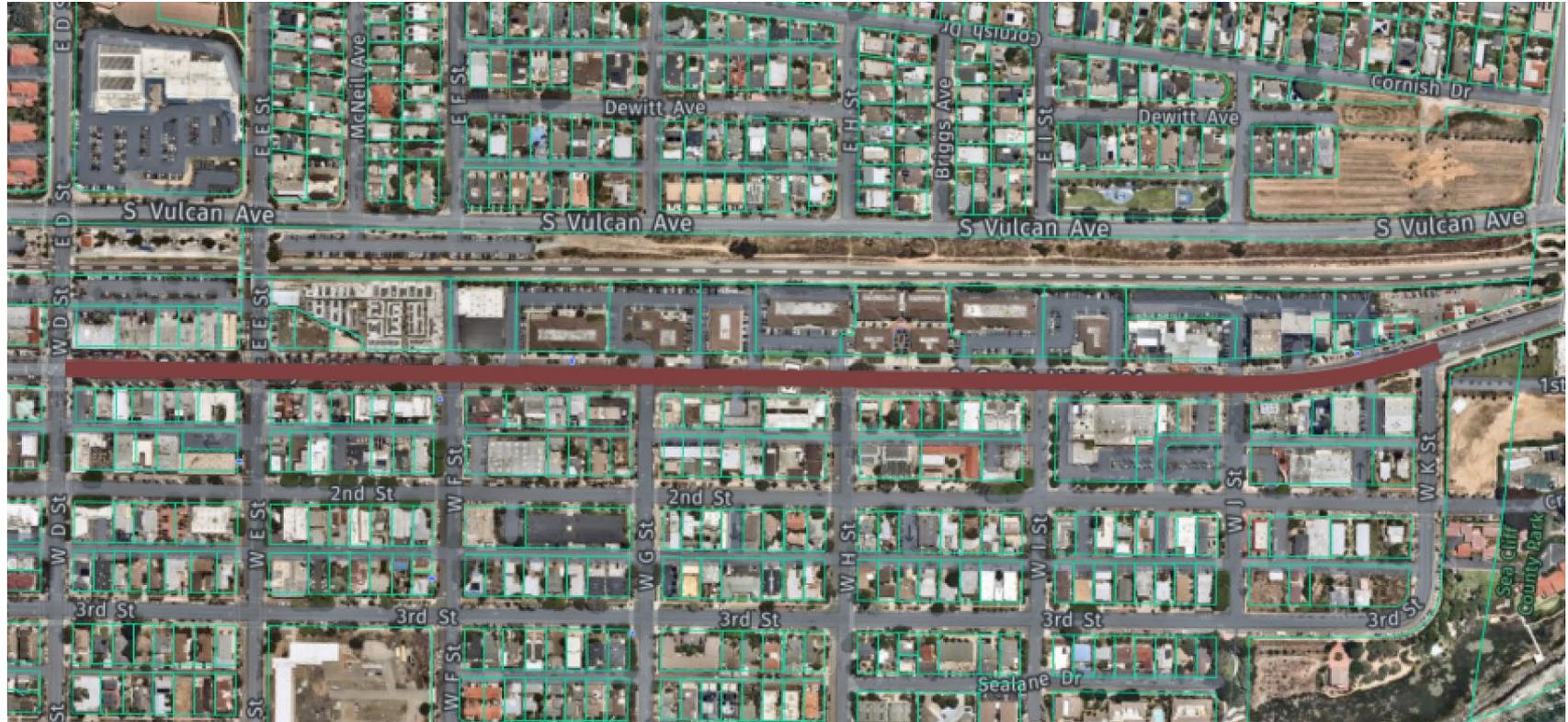


# Preliminary Cost Estimates

#	Proposed Facility	Road	Segment	Total Price
1	New Bike Lane	Village Parkway	Mountain Vista to Diegueno Middle School	\$135,000
2		Saxony	Encinitas Blvd to LEICHTAG	\$90,000
3		Westlake	Encinitas Blvd to Requeza	\$20,000
4	2-Stage Bike Box	NB approach at Santa Fe Dr/El Camino Real		\$20,000
5		NB approach at Manchester Ave/ EB approach at Mira Costa College		\$20,000
6		WB approach at Encinitas Blvd / WB approach at Balour Dr		\$20,000
7		NB and SB approach at Encinitas Blvd/Vulcan Ave		\$35,000
8		Encinitas Blvd and El Camino Real		\$50,000
9	Bike Lane Buffer	Garden View Rd	Leucadia to N ECR	\$35,000
10		S ECR	Calle Ryan to Sage Canyon Dr	\$8,000
11		S ECR	Encinitas Blvd to Santa Fe Dr	\$20,000
12		Manchester Ave	San Elijo Water Campus to I-5	\$25,000
13	Sharrow	Requeza	Westlake and Nardo	\$3,000
14		Saxony	LEICHTAG to Leucadia Blvd	\$10,000
15		Nardo	Requeza and Santa Fe	\$8,000
16	Cross Bike	Via Cantebria and Encinitas Blvd		\$2,000
17		Santa Fe Dr and ECR		\$2,000
18		Balour and Encinitas Blvd		\$2,000
19	Signage	Multiple	Citywide (near schools)	\$20,000

# Potential Implementation of AB 43

## Business District (25 MPH) on S Coast Hwy 101: D St to K St



A scenic view of a coastline. In the foreground, a rocky beach with light-colored stones meets the ocean. A paved path runs along the edge of a grassy cliffside on the left. In the background, a residential area with houses and palm trees is visible on a hillside. The sky is a soft, hazy blue.

# Thank You!