

# OC LOOPS

## Gap Closure Feasibility Study

Virtual Workshop  
February 16, 2023



**MARK THOMAS**

# Virtual Meeting Guidelines

## Welcome

- Meeting Ground Rules
  - All perspectives are welcome
  - Submit Questions
  - Be respectful of other opinions
- This meeting is being recorded

## Questions

- To ask a question:
  - Click on the Q&A Icon
  - Type into the text box



# Agenda

- Welcome & Introductions
- Project Partners & Background
- Defining the OC Loops
- Desired Riders
- Review Concepts
- Next Steps



# Project Partnerships



Funding Provided by  
Caltrans Sustainable  
Transportation Planning  
Grants Program



Project Managed by  
OCTA



**MARK THOMAS**

Project Consultant Team

Project Development Team through Partnership with Representatives from Local Cities, County of Orange, Rancho Mission Viejo, and Transportation Corridor Agencies

# OC Loops

Regional Planning by OCTA in OC Active Identified 3 New Branded Regional Bikeways

- OC North Loop
- New: OC Central Loop
- New: OC South Loop
- New: OC Connect

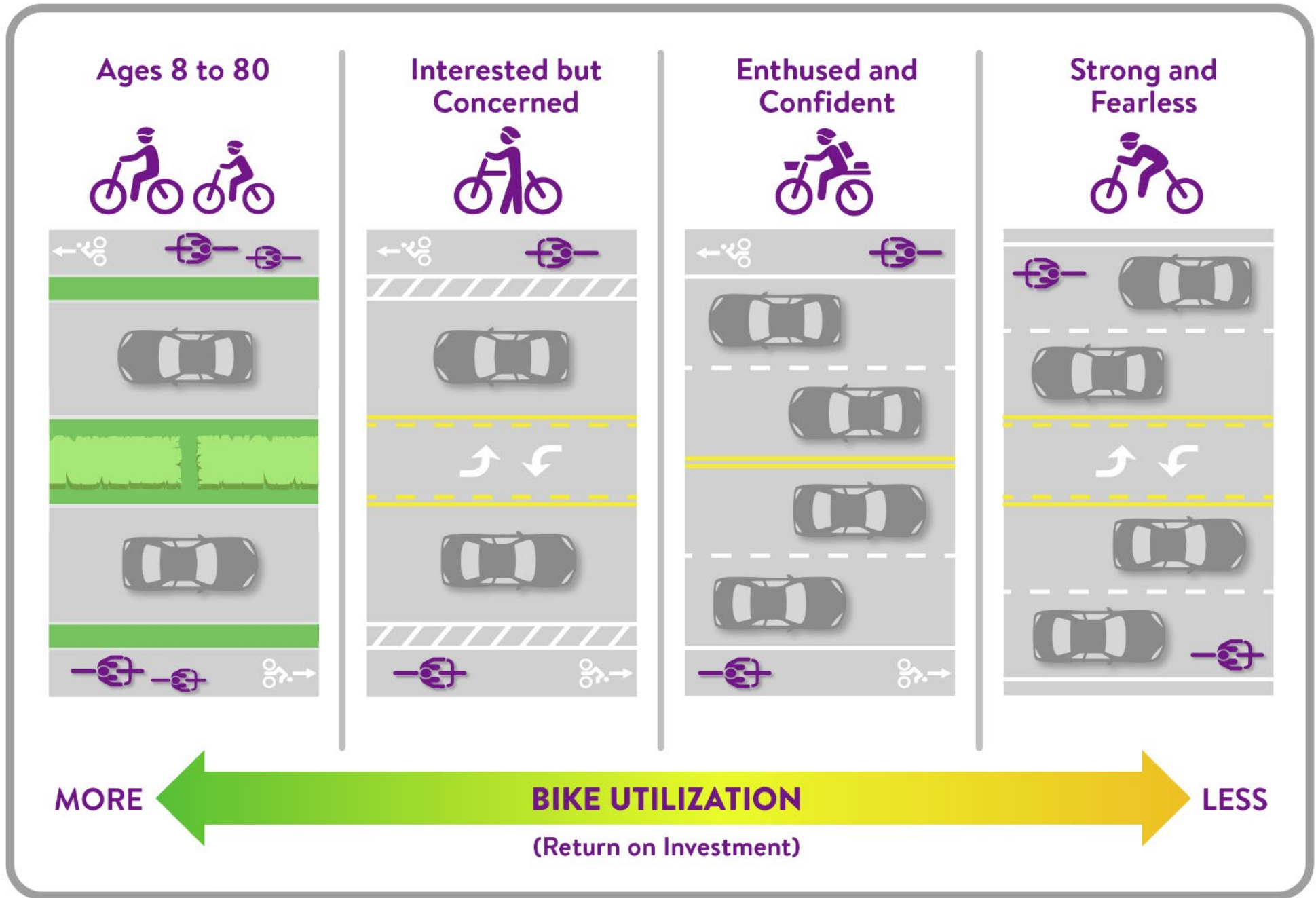




# Bikeway Network & Desired Riders

OC Loops to serve an 8 to 80 (year old) audience







# Instructions

Go to

**[www.menti.com](https://www.menti.com)**

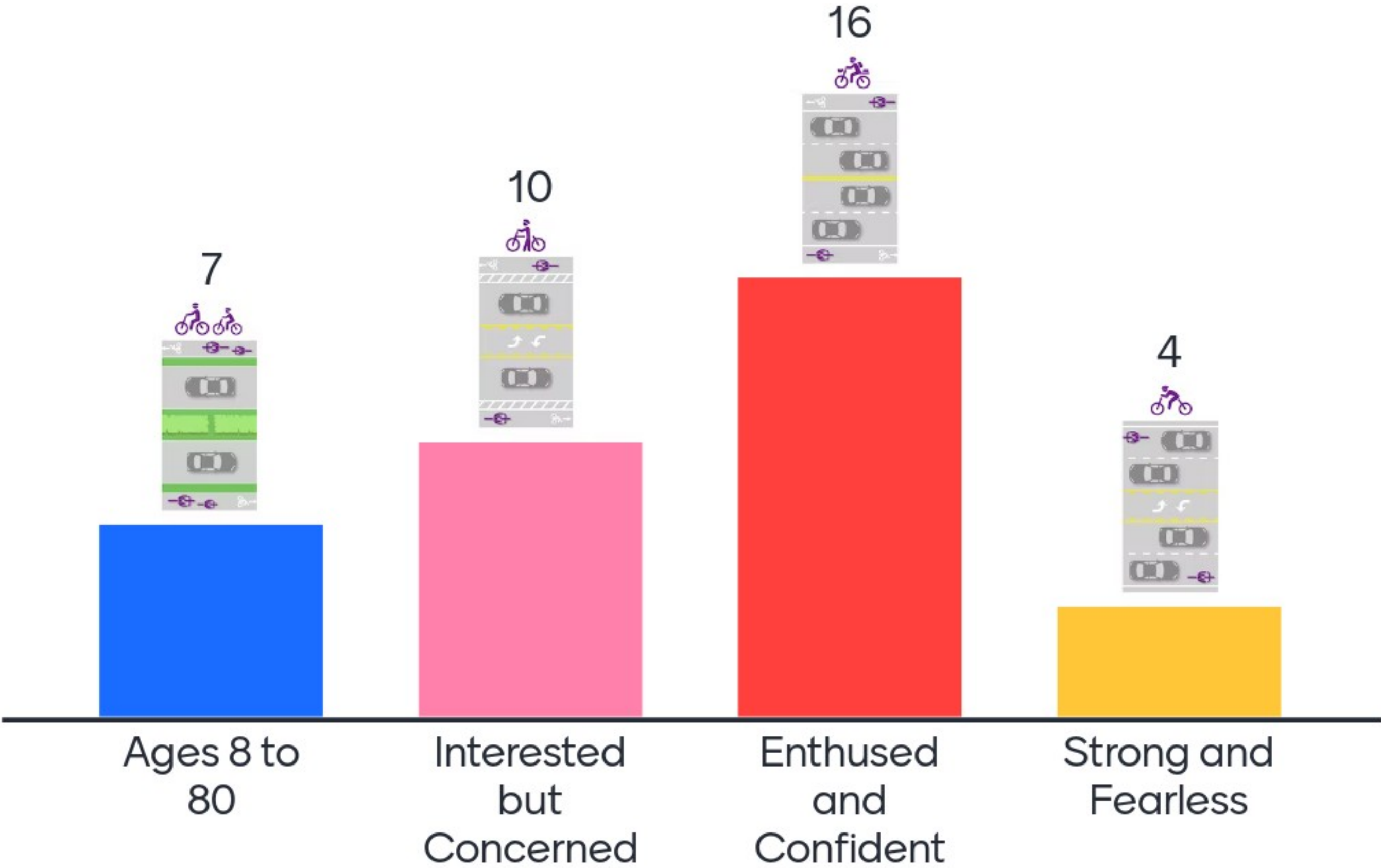
Enter the code



Or use QR code



# Which Type of Rider are You?



# Examples of Bikeway Infrastructure

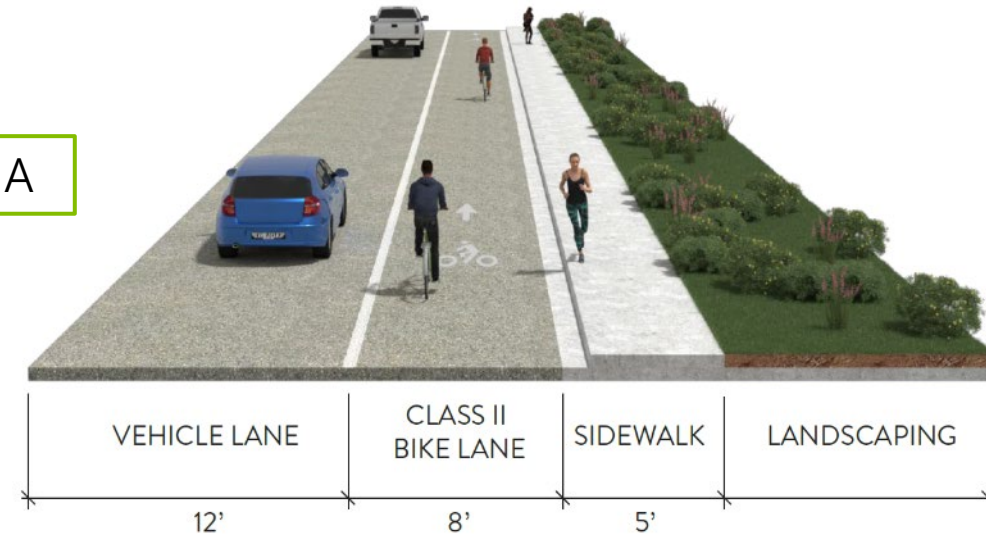
## A. Class II Bike Lane:

- Accommodates “Strong and Fearless” cyclists
- No barrier separation for bicyclists

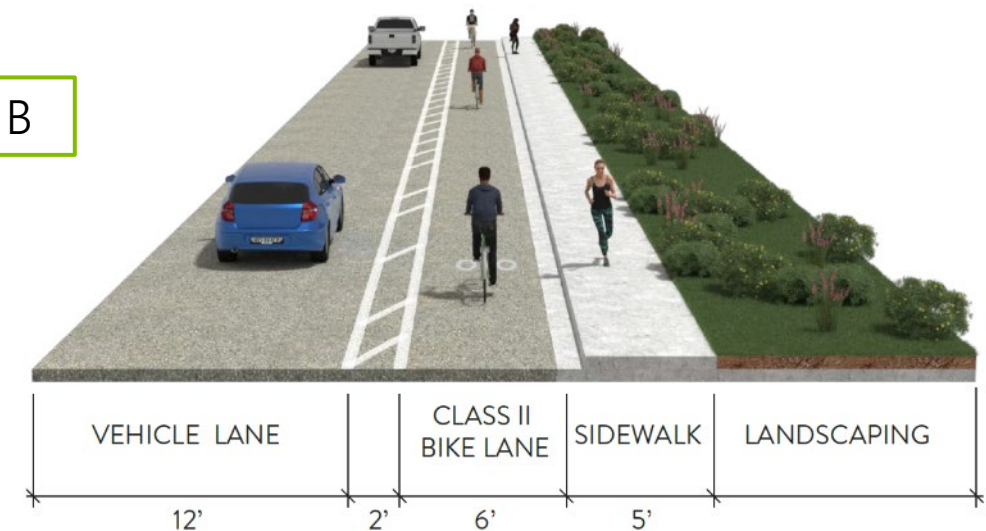
## B. Buffered Bike Lane:

- Accommodates “Strong and Fearless” cyclists
- No barrier separation for bicyclists

Option A



Option B

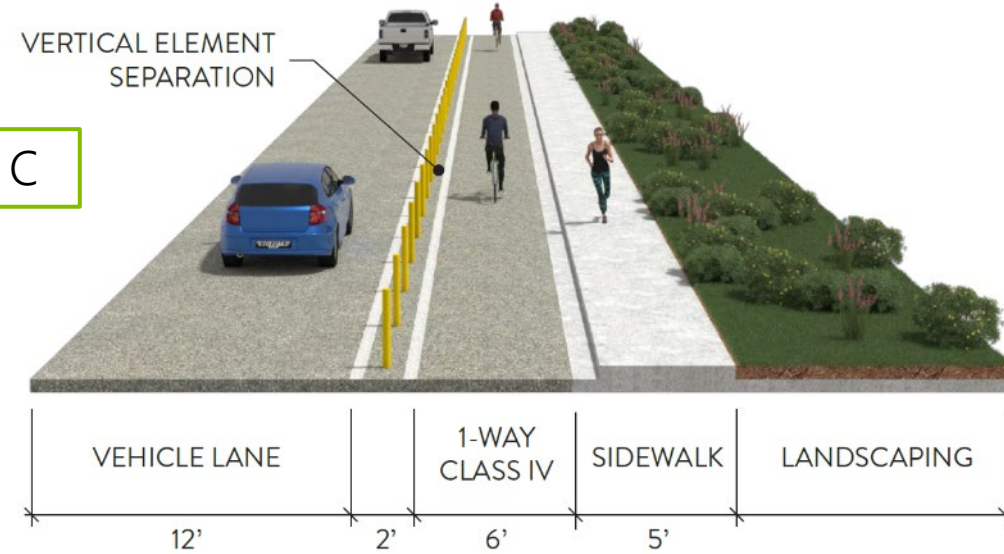


# Examples of Bikeway Infrastructure

## C. Class IV Cycle Track:

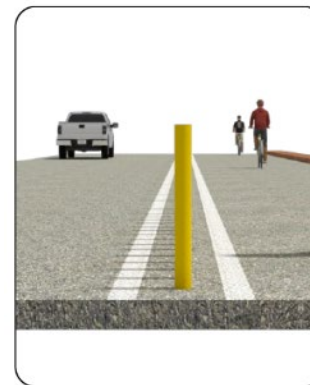
- Accommodates “Interested but Concerned” cyclists
- Vertical element raises visibility of bicycle lane
- Multiple options for separation

Option C



### VERTICAL ELEMENT OPTIONS

DELINEATORS



HARDSCAPE OR  
LANDSCAPE  
MEDIAN



CONCRETE  
BARRIER



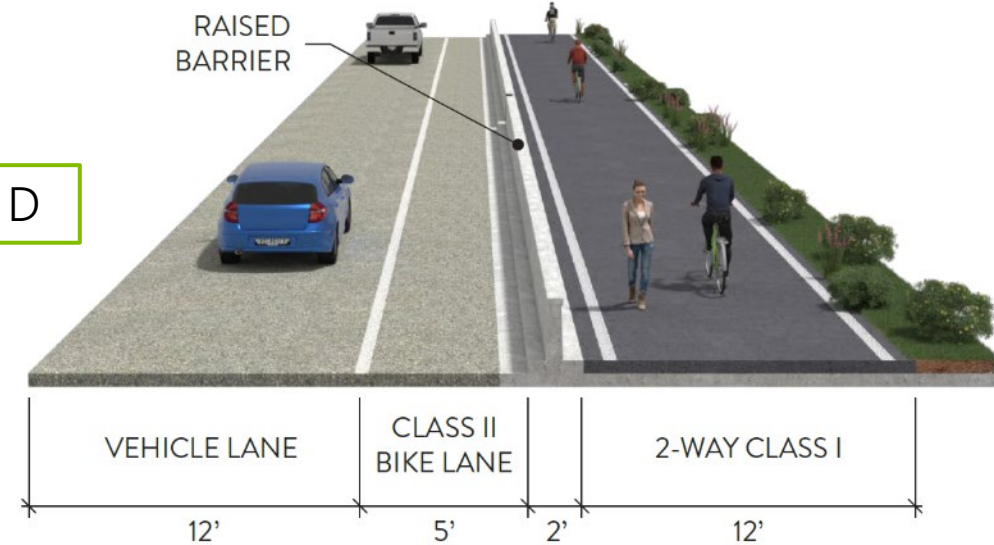


# Examples of Bikeway Infrastructure

## D. Class I Shared Use Path:

- Accommodates “Enthusied and Confident” & “Interested but Concerned” cyclists
- May require Property Acquisition

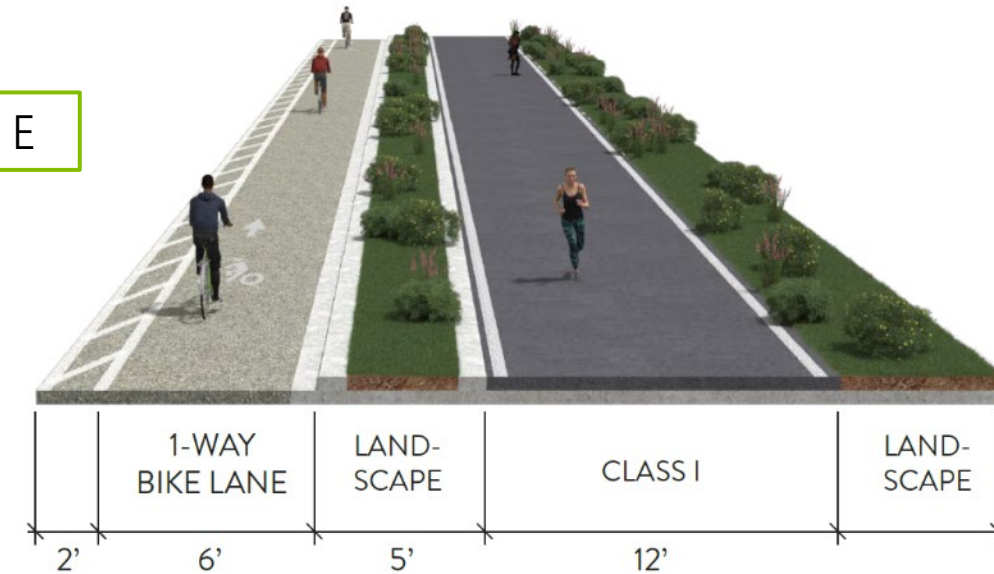
Option D



## E. Lane Reduction + Class I Path

- Accommodates “Enthusied and Confident” & “Interested but Concerned” cyclists
- May affect traffic operations by removing one travel lane

Option E



# Public Engagement Activities

## Outreach Events

- Tabling at 10 events/trails in South County
- Virtual Workshop in March 2022
- Focus Meetings with Agency Staff





# Public Input on Desired Bikeways

**OC Loops**

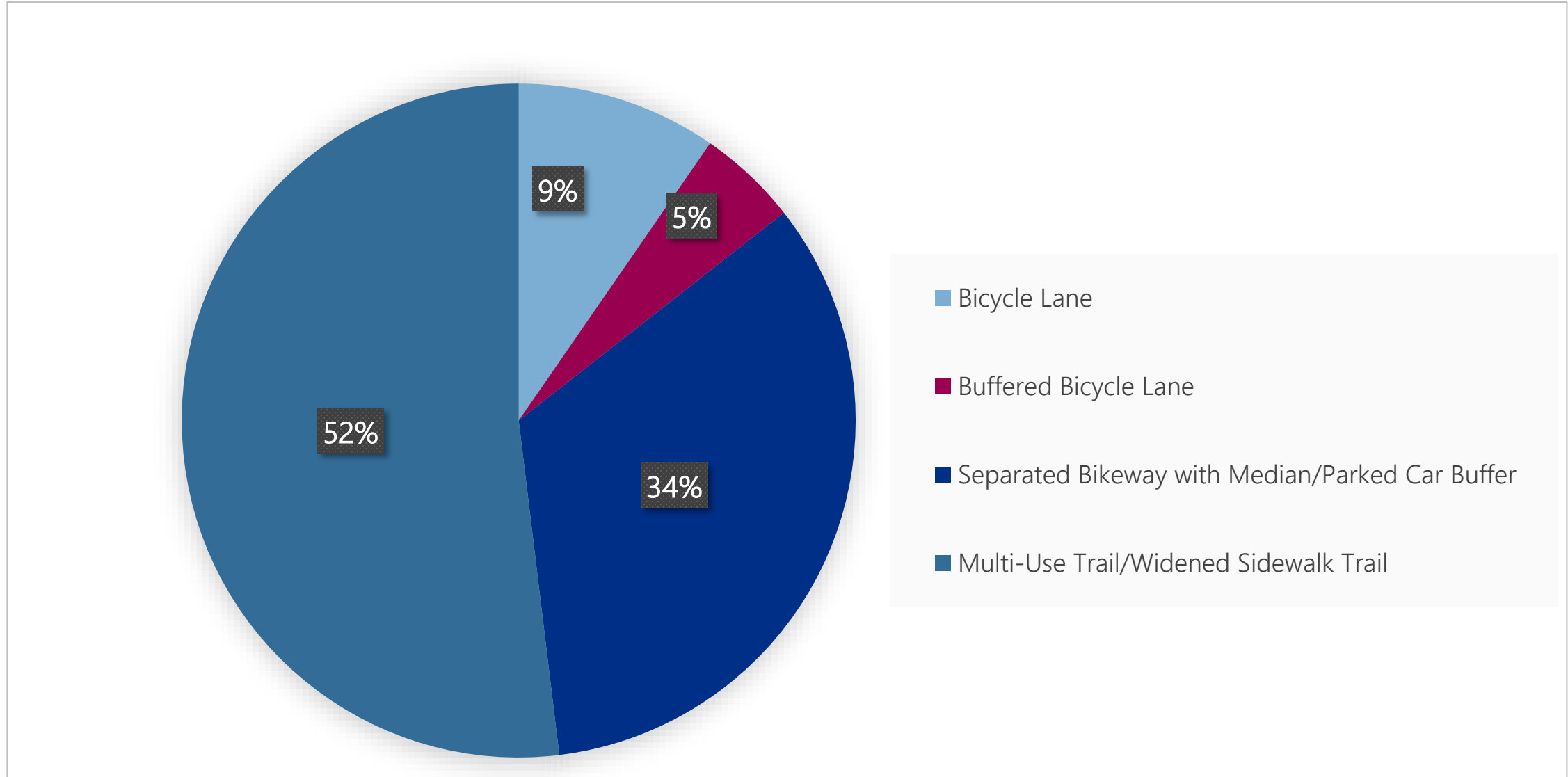


Which bikeway type do you feel comfortable bicycling on?  
Place sticker in boxes below

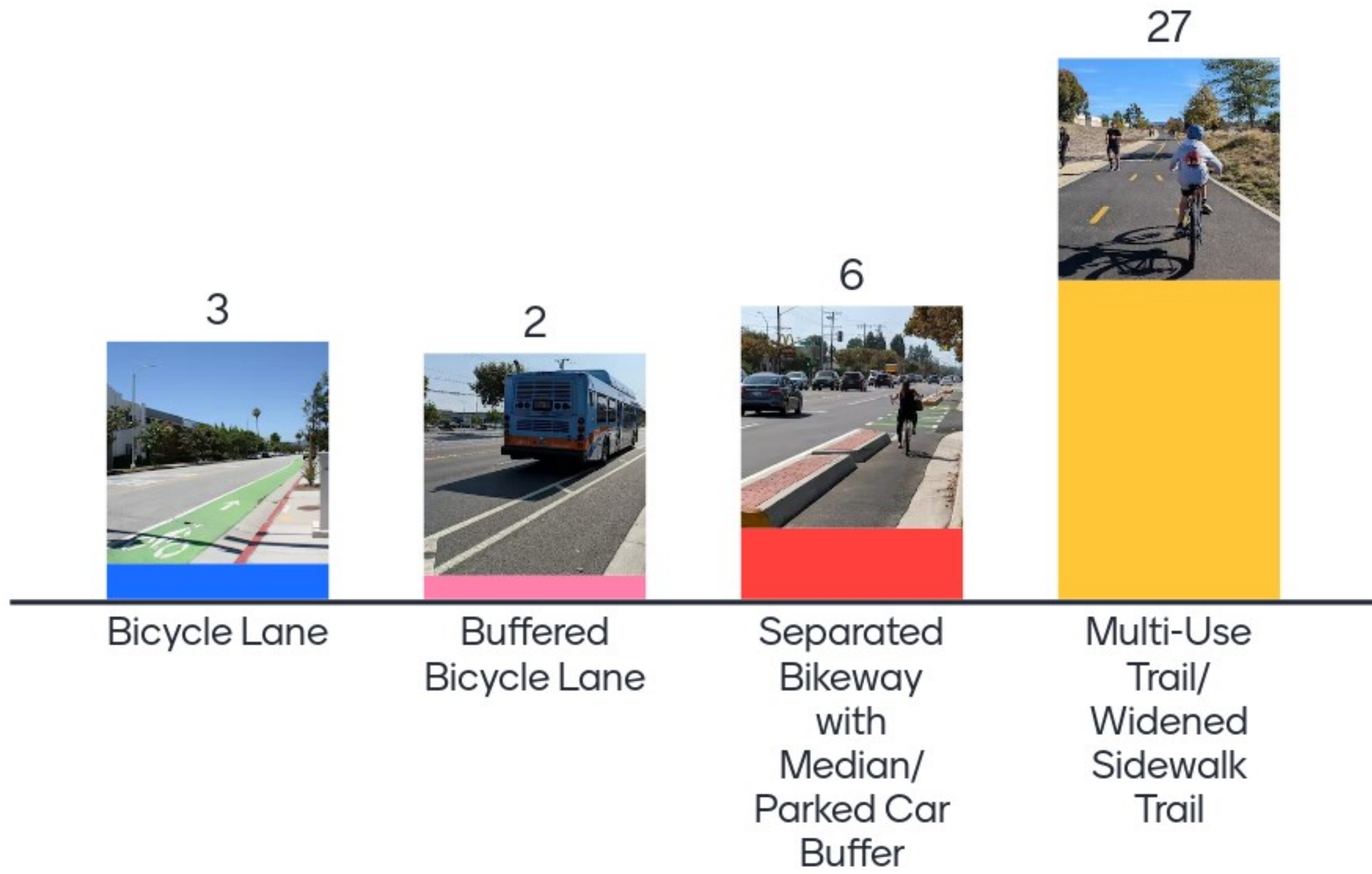
 <p>Bicycle Lane</p>	 <p>Buffered Bicycle Lane</p>	 <p>Separated Bikeway with Median/Marked Car Buffer</p>	 <p>Multi-Use Trail/Widened Sidewalk Trail</p>
			



# Public Input on Desired Bikeways



# Which bikeway type do you feel comfortable on?





## Irvine Area



OCTA

### OC Loops Feasibility Study

OC Loops Segments 09A, 09B, 10C



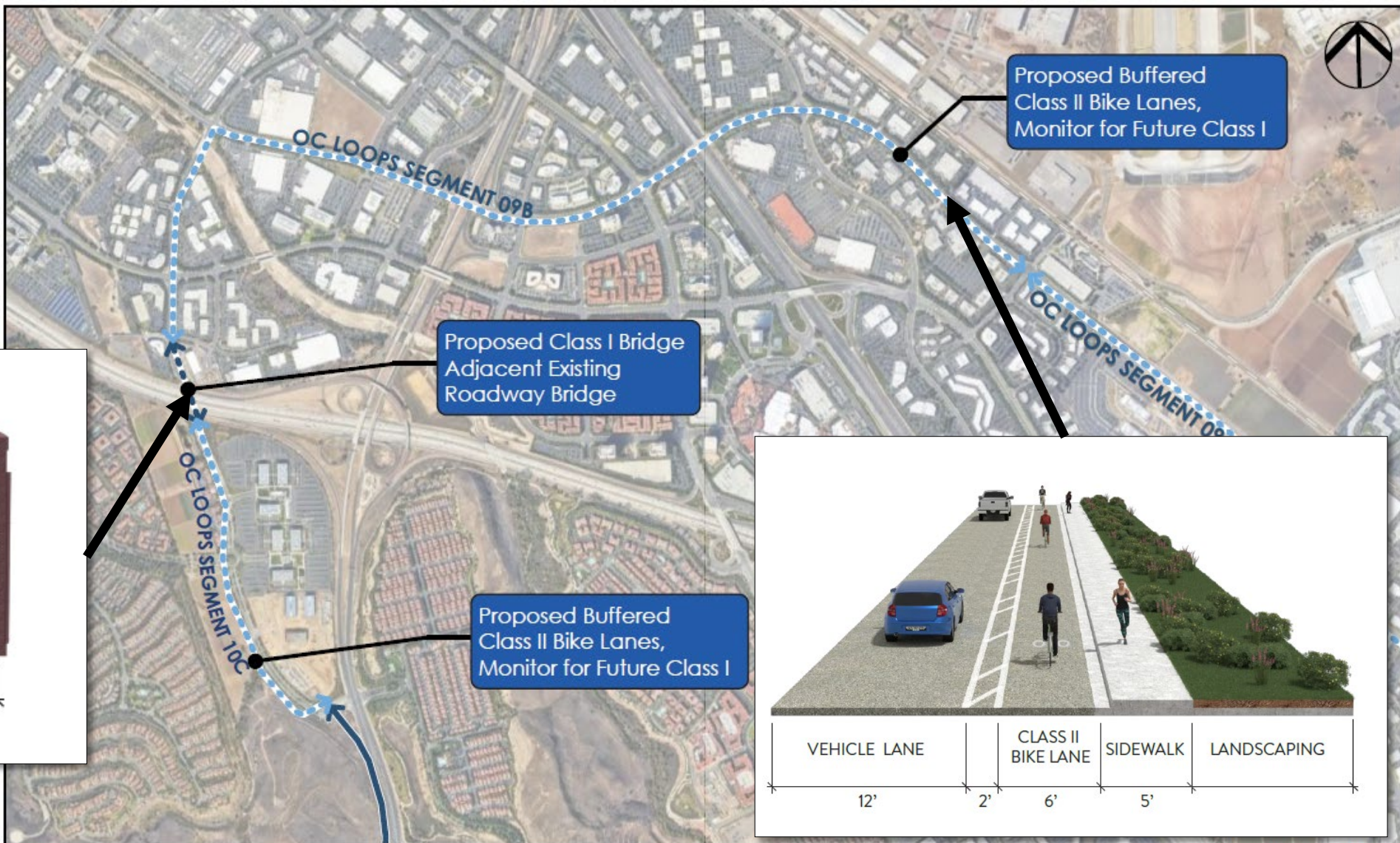
### LEGEND

- City Boundary
- Existing Class I
- Proposed Class I
- Proposed Class II

0 0.15 0.3 Miles



## Irvine Area



OCTA

### OC Loops Feasibility Study

OC Loops Segments 09A, 09B, 10C



### LEGEND

- City Boundary
- Existing Class I
- Proposed Class I
- Proposed Class II

0 0.15 0.3 Miles





What is one word you would use to describe the bridge over the 405?





# Irvine to Laguna Beach Area



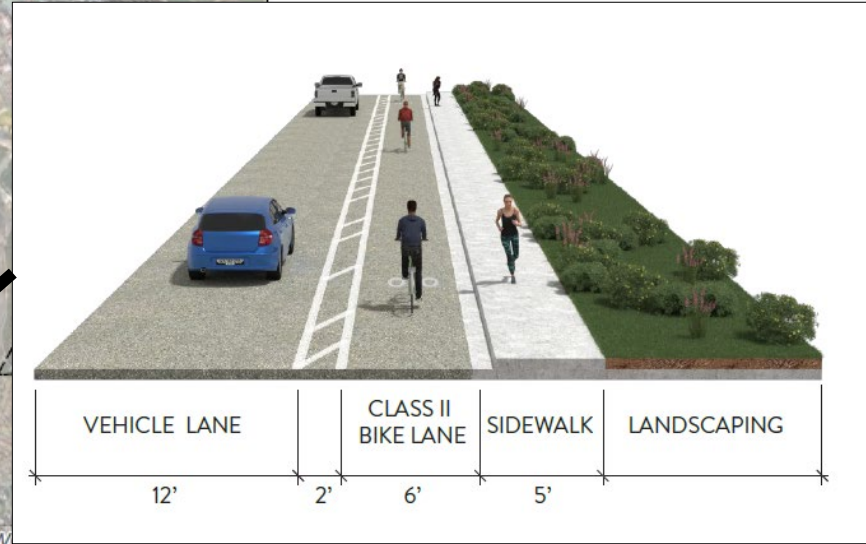
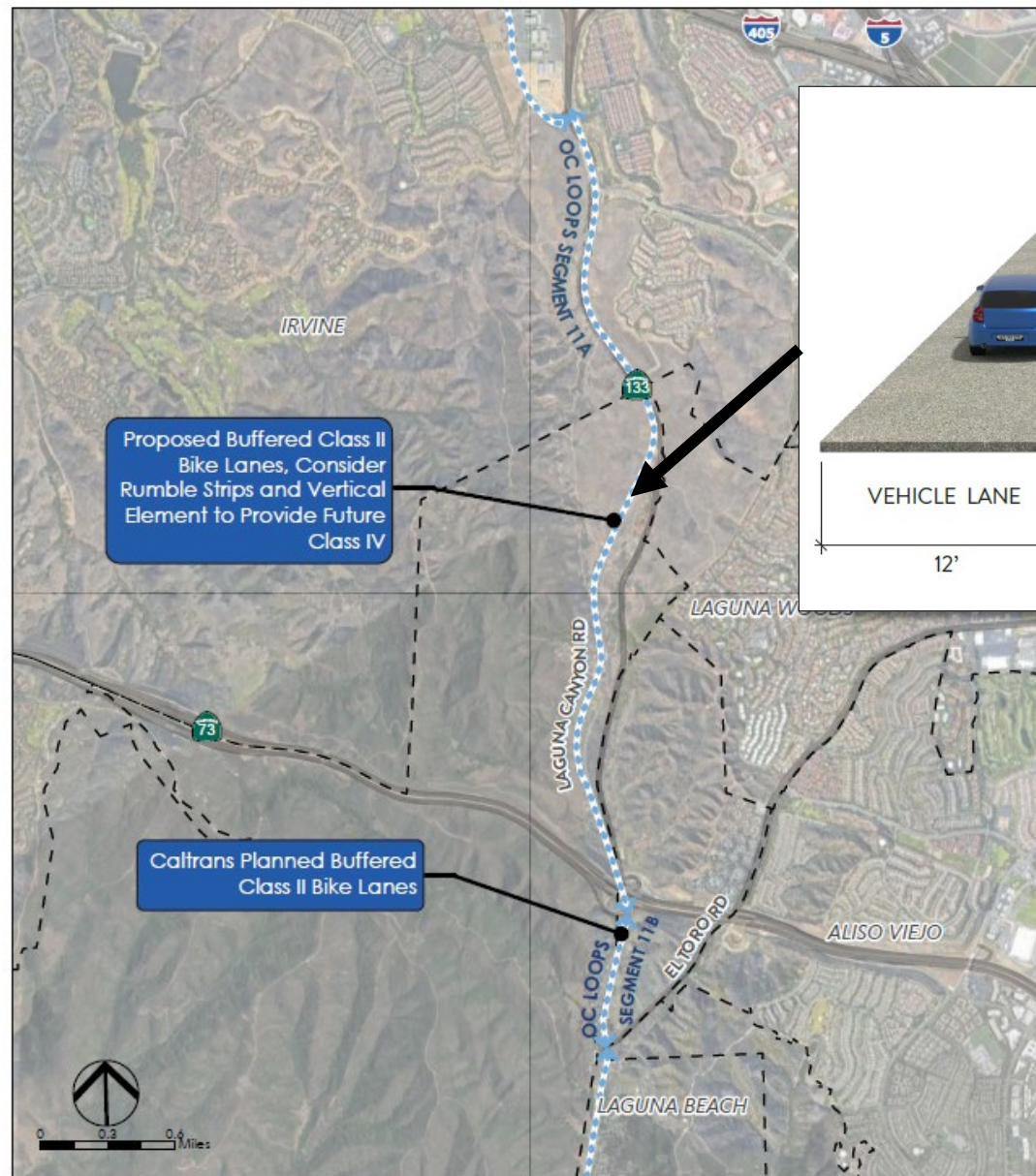
OCTA  
OC Loops Feasibility Study  
OC Loops Segments 11A-11B



LEGEND  
←→ Proposed Class II



## Irvine to Laguna Beach Area



OCTA  
**OC Loops Feasibility Study**  
 OC Loops Segments 11A-11B

**LEGEND**  
 ←→ Proposed Class II



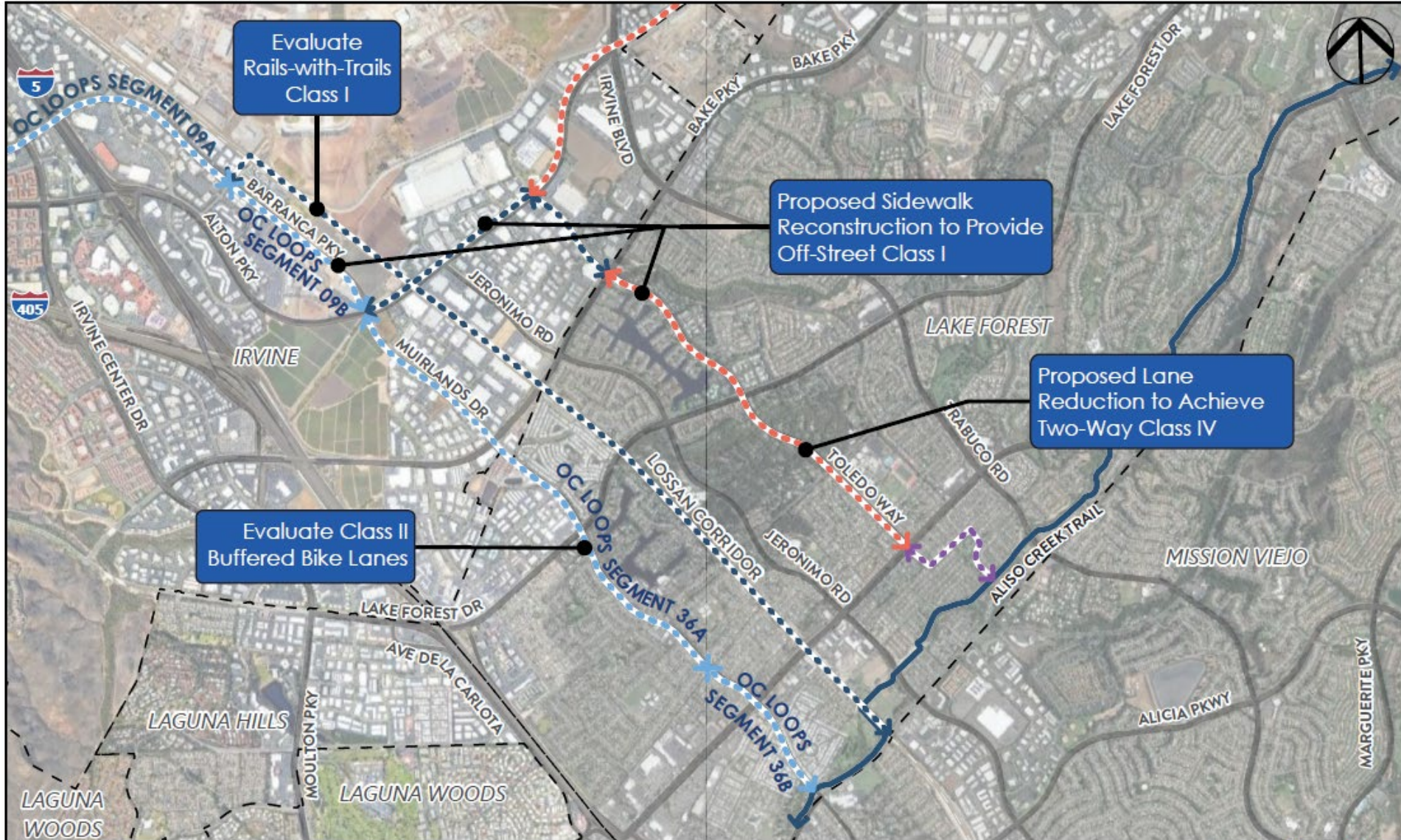


Please name 1-3 reasons that prevent you from bicycling on Laguna Canyon Road (i.e., hills, distance, vehicles, etc.)





## Lake Forest Area



OCTA  
**OC Loops Feasibility Study**  
 OC Loops Segments 09A, 09B, 36A, 36B



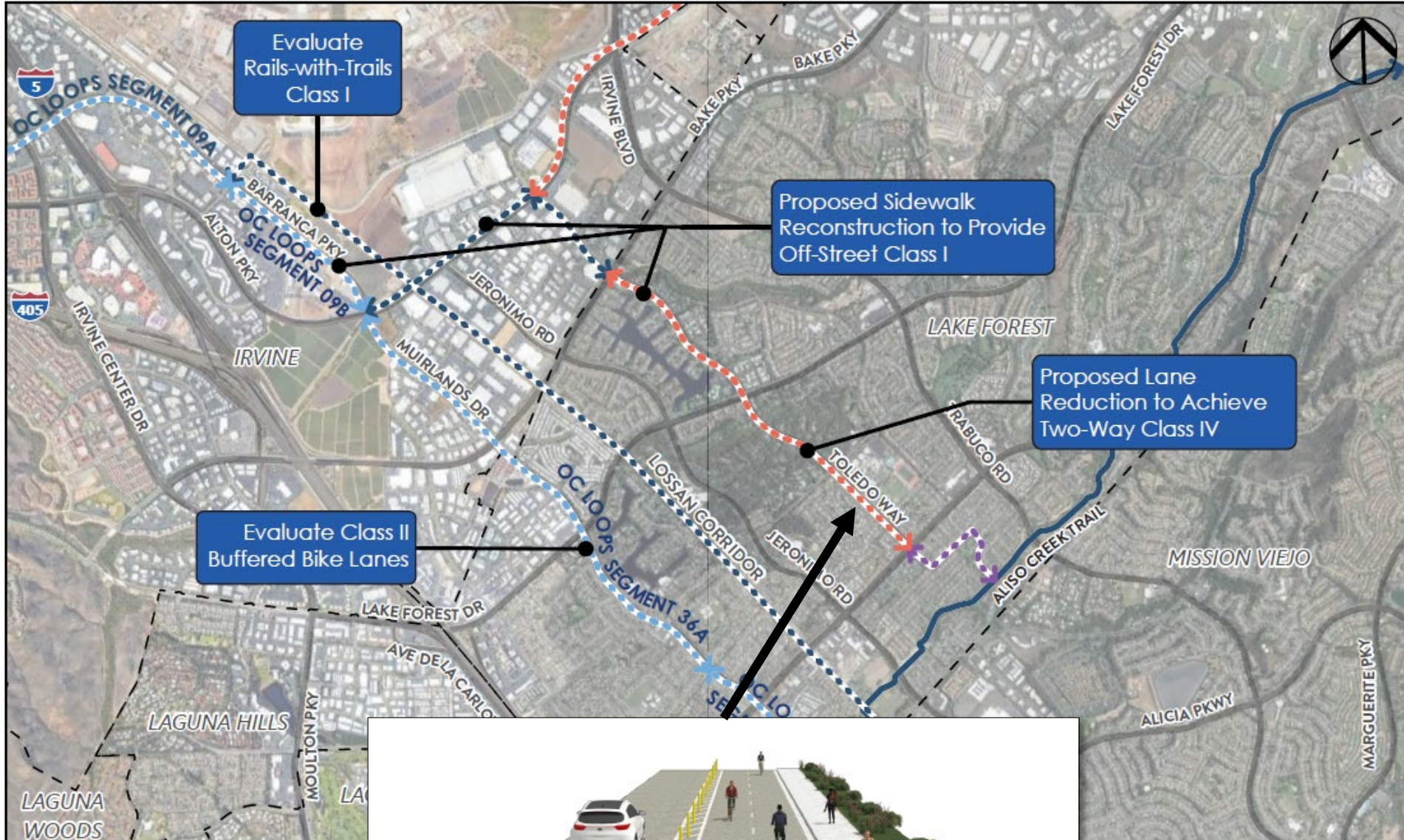
**LEGEND**

[ - - ] City Boundary	↔ Existing Class I	↔ Proposed Class III
	↔ Proposed Class I	↔ Proposed Class IV
	↔ Proposed Class II	

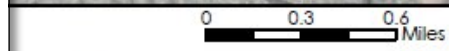
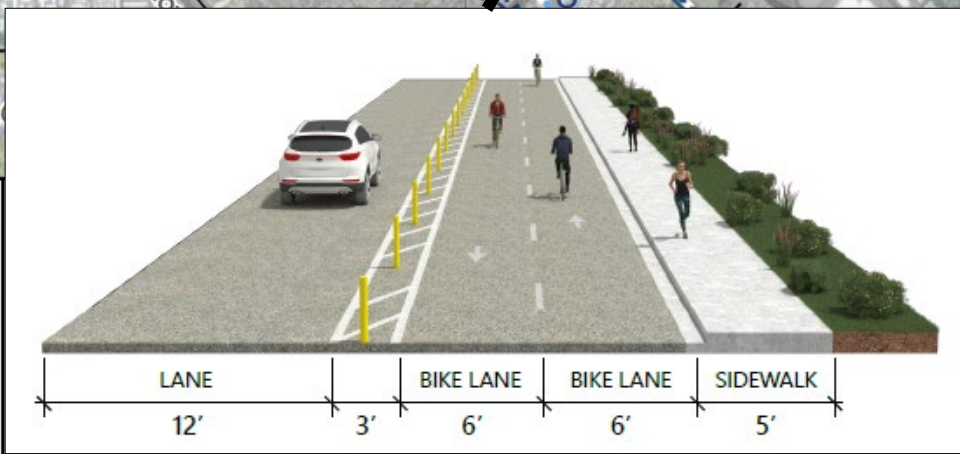
In this area the primary route is proposed along Alton Parkway, Toledo Way to reach the existing Aliso Creek Trail. Alternate routes for consideration utilize Muirlands Drive or the LOSSAN Corridor.



# Lake Forest Area



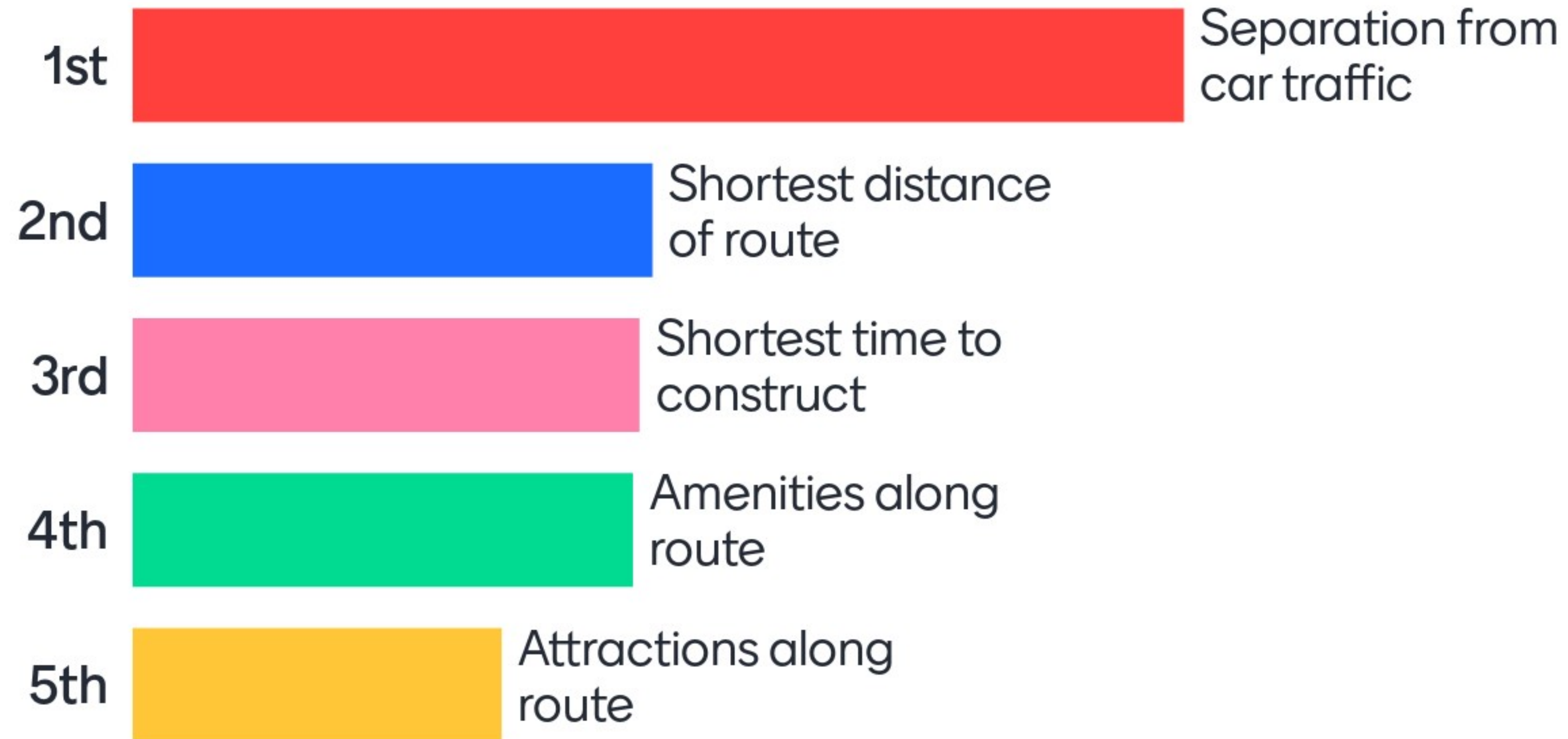
OCTA  
**OC Loops Feasibility Study**  
 OC Loops Segments 09A, 09B, 36A, 36B



Class III  
 Class IV  
 the existing Aliso Creek Trail.

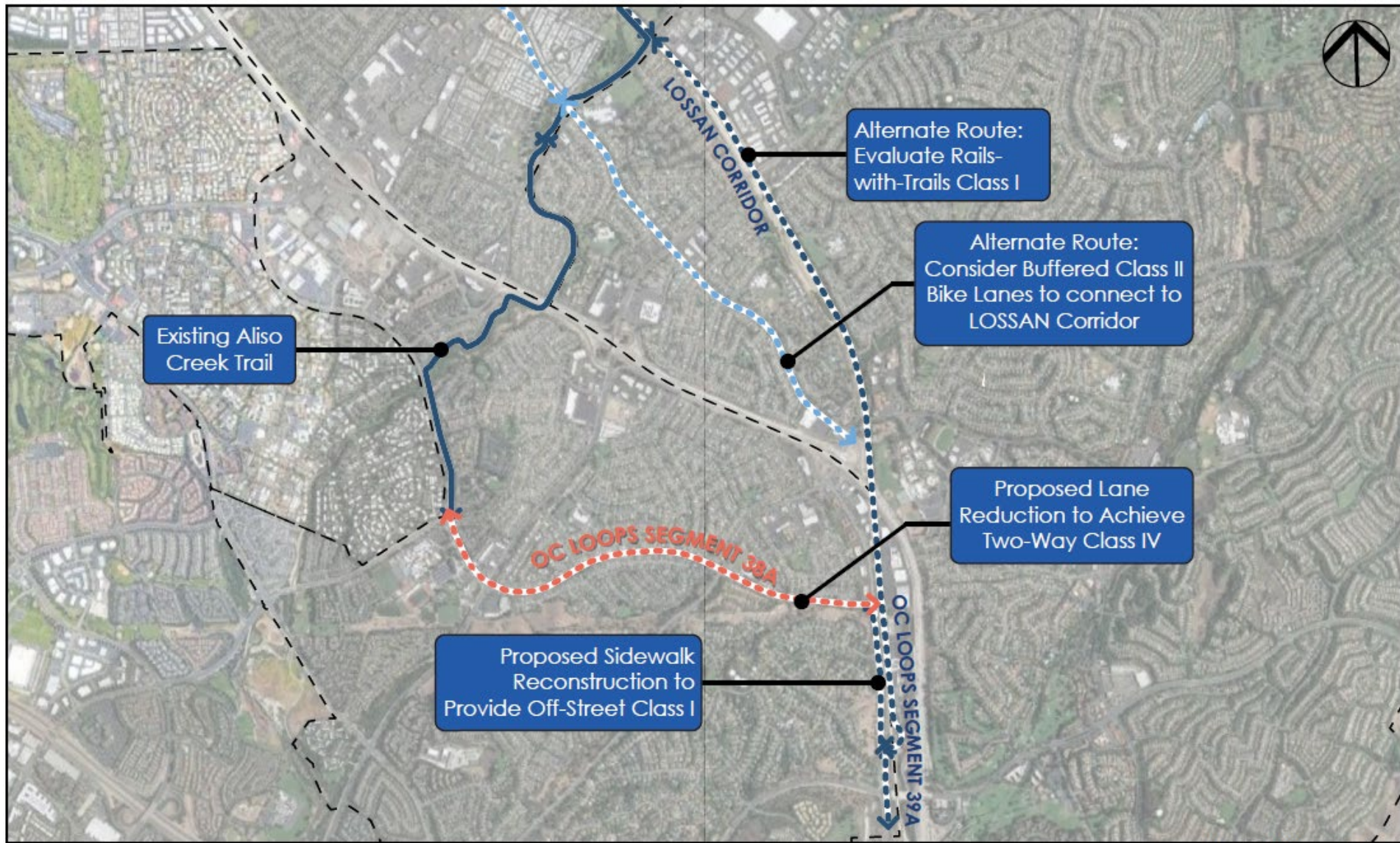


# Which criteria option is most important to you?





## Laguna Hills Area

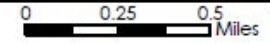


OCTA

**OC Loops Feasibility Study**  
OC Segments 38A and 39A

**LEGEND**

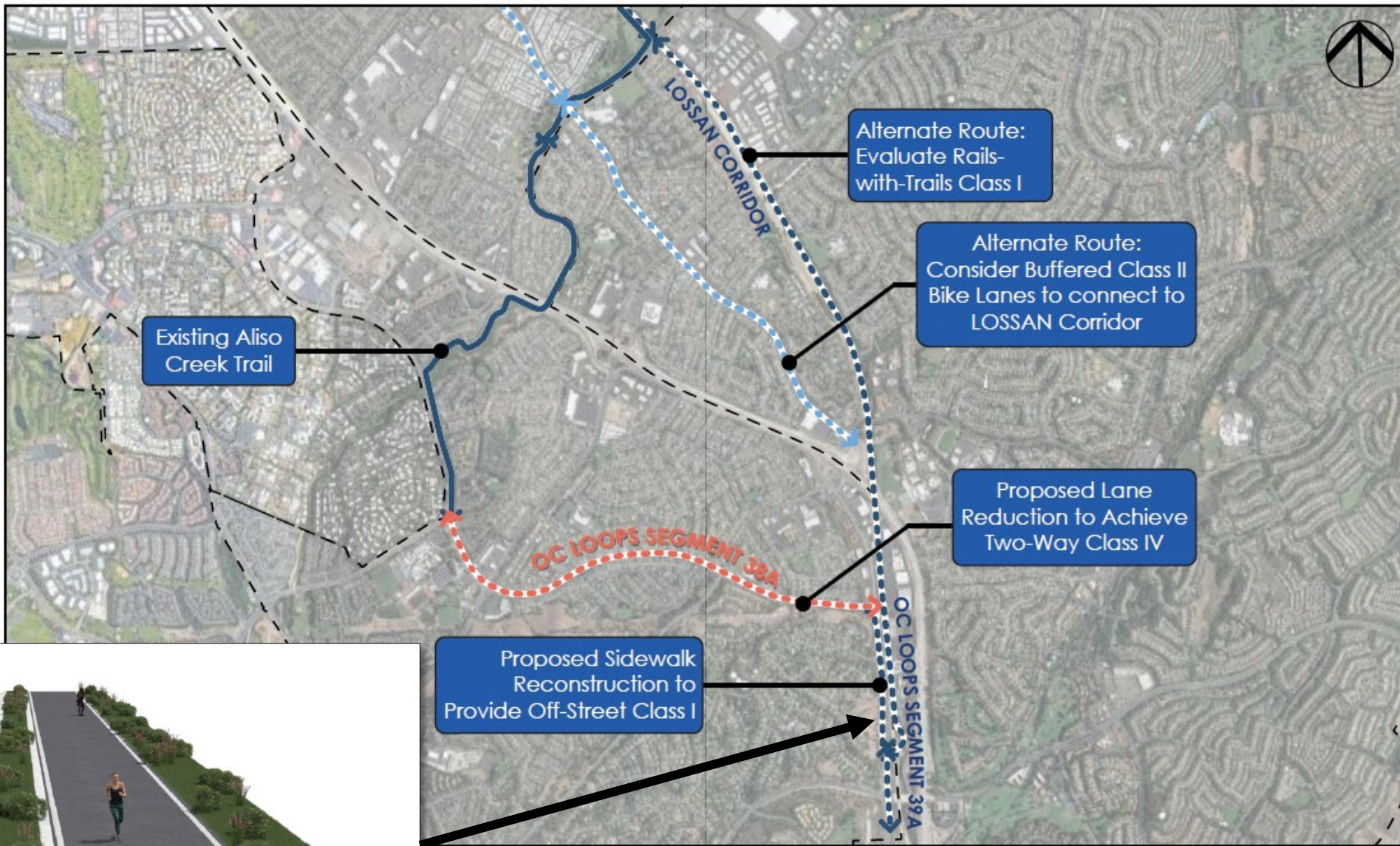
- City Boundary
- Existing Class I
- Proposed Class I
- Proposed Class II
- Proposed Class IV



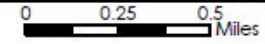
In this area the primary route is proposed along Aliso Creek Trail, Paseo De Valencia, and Cabot Road. An alternate route for consideration utilizes Muirlands Drive and the LOSSAN Corridor.



## Laguna Hills Area



- LEGEND**
- City Boundary
  - Existing Class I
  - Proposed Class I
  - Proposed Class II
  - Proposed Class IV



In this area the primary route is proposed along Aliso Creek Trail, Paseo De Valencia, and Cabot Road. An alternate route for consideration utilizes Muirlands Drive and the LOSSAN Corridor.



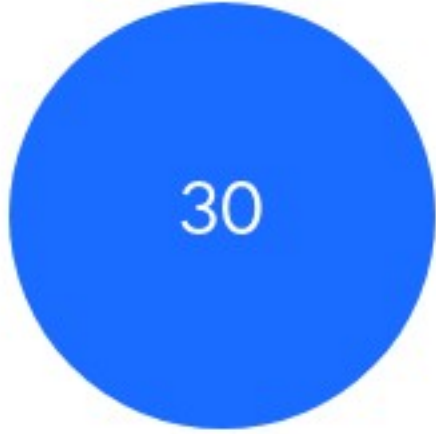


Would you feel comfortable riding on a widened sidewalk?

Mentimeter

Yes

No



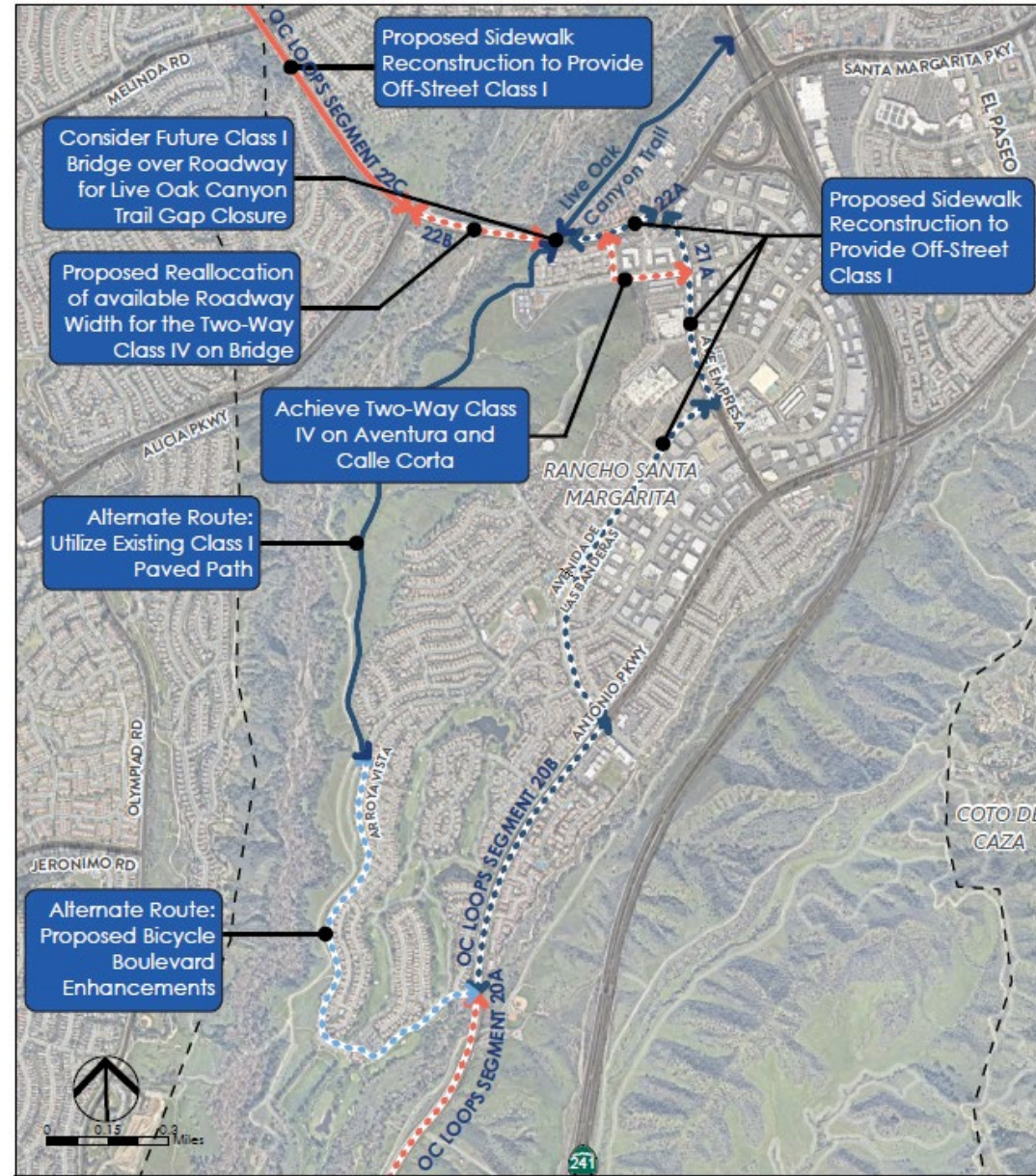
30



5



# Rancho Santa Margarita Area



OCTA  
**OC Loops Feasibility Study**  
 OC Loops Segments

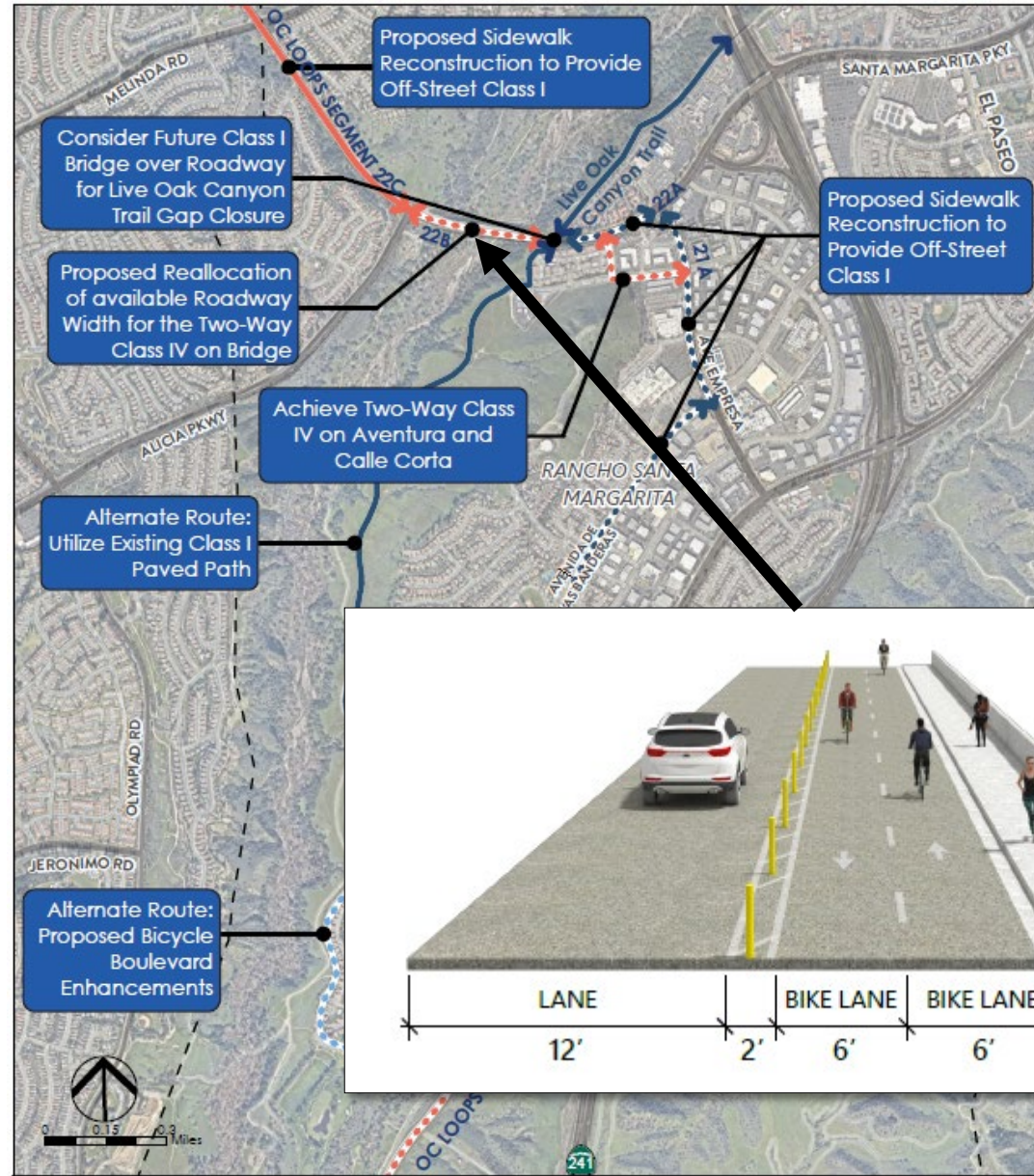
**LEGEND**

Existing Class I	Existing Class IV
Proposed Class I	Proposed Class IV
Proposed Class II	

In this area the primary route is proposed along Antonio Parkway, Avenida Empresa, Avenida de las Banderas, and Antonio Parkway. An alternate route for consideration utilizes Live Oak Canyon Trail, Arroyo Vista and Las Tijeras Creek Road.



# Rancho Santa Margarita Area



OCTA  
**OC Loops Feasibility Study**  
 OC Loops Segments

**LEGEND**

Existing Class I	Existing Class IV
Proposed Class I	Proposed Class IV
Proposed Class II	

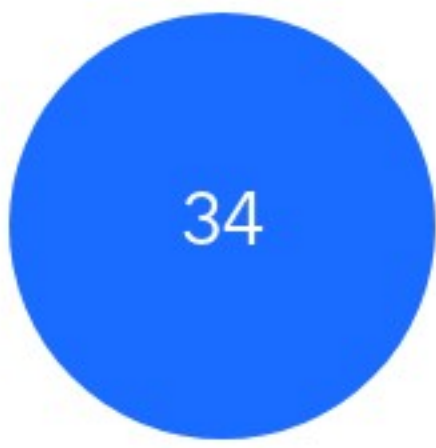
In this area the primary route is proposed along Antonio Parkway, Avenida Empresa, Avenida de Las Banderas, and Antonio Parkway. An alternate route for consideration utilizes Live Oak Canyon Trail, Arroyo Vista and Las Tijeras Creek Road.





Would you ride across the Santa Margarita Parkway Bridge with the proposed modification?

Yes

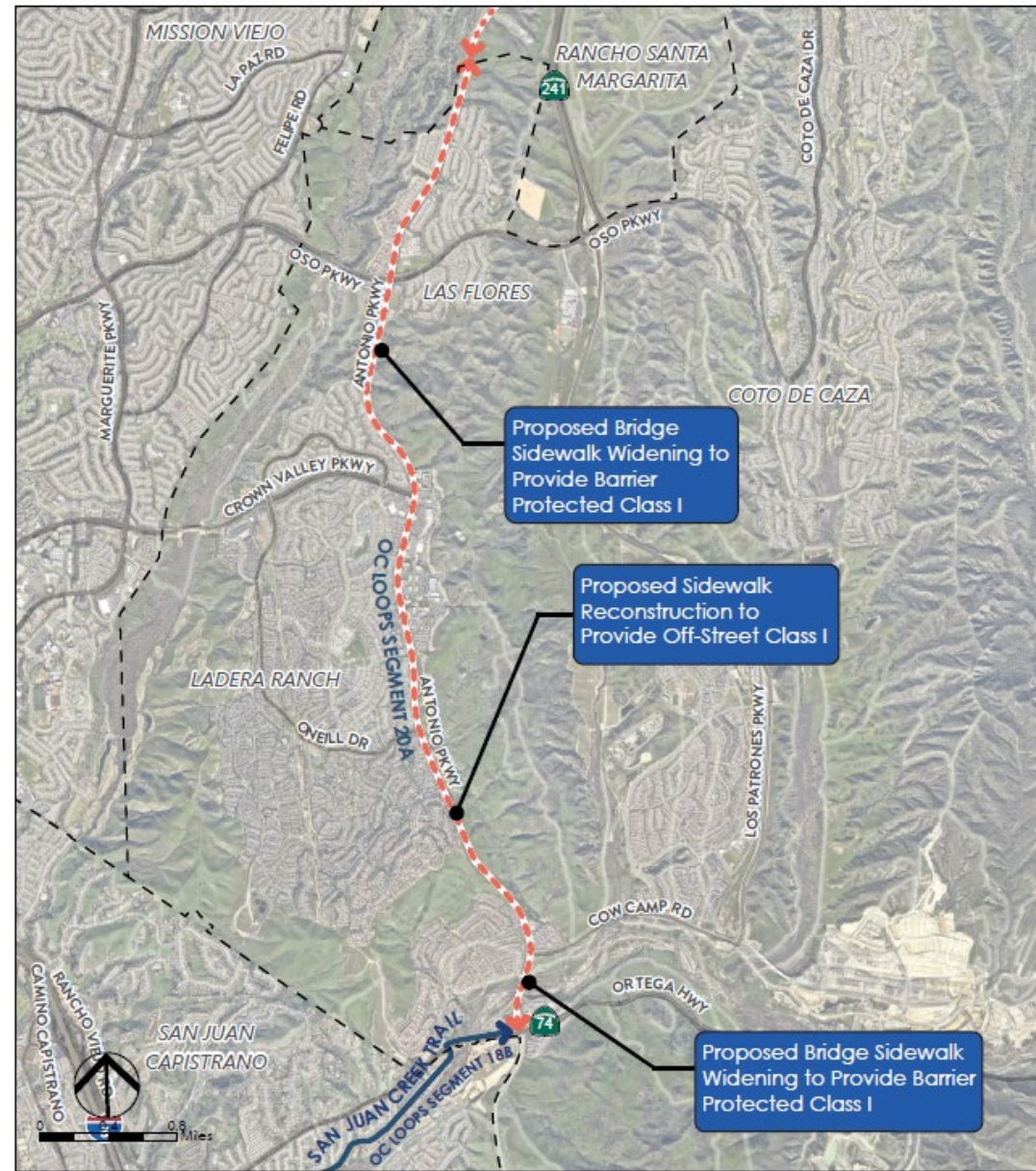


No





## Ladera Ranch Area



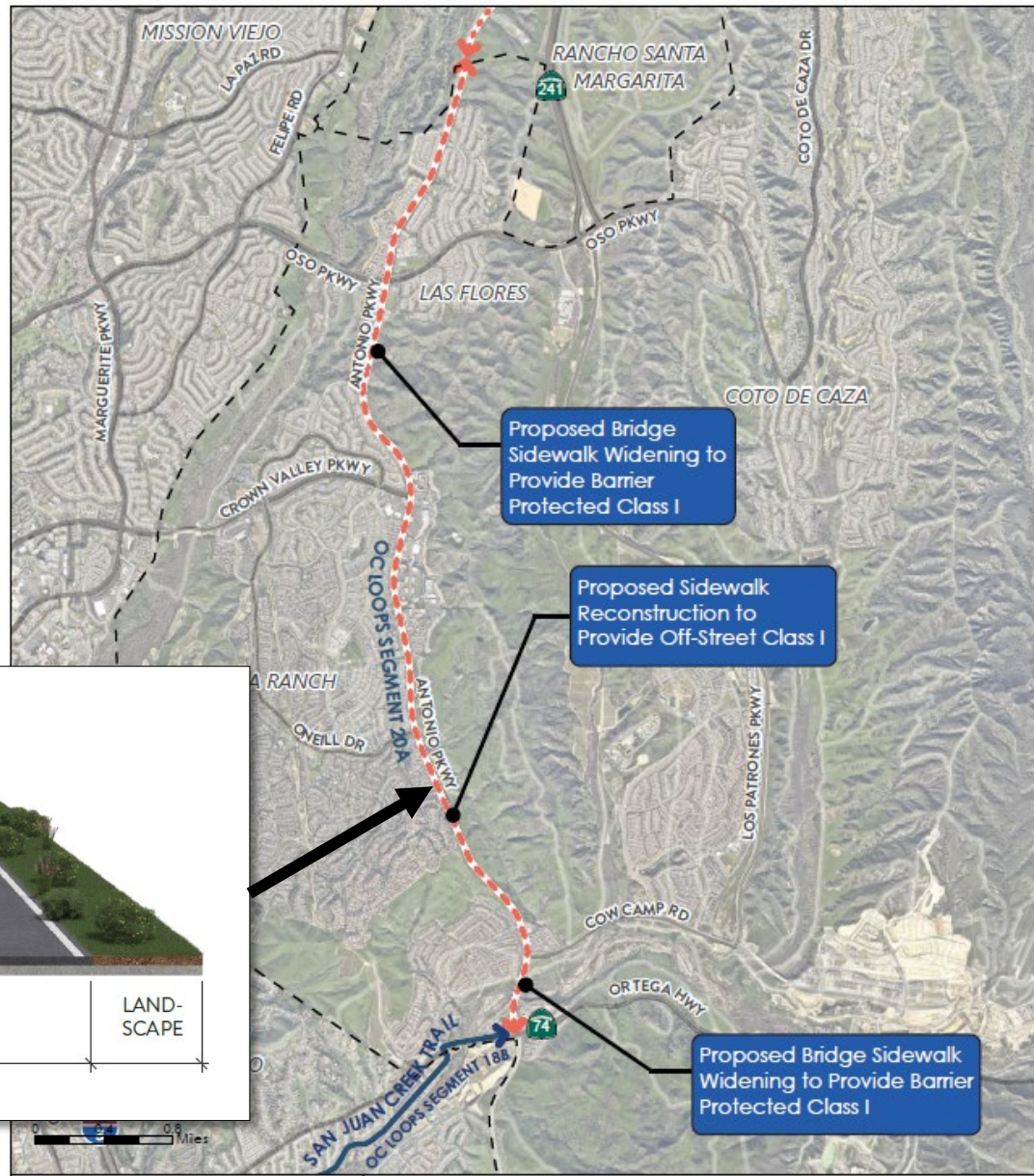
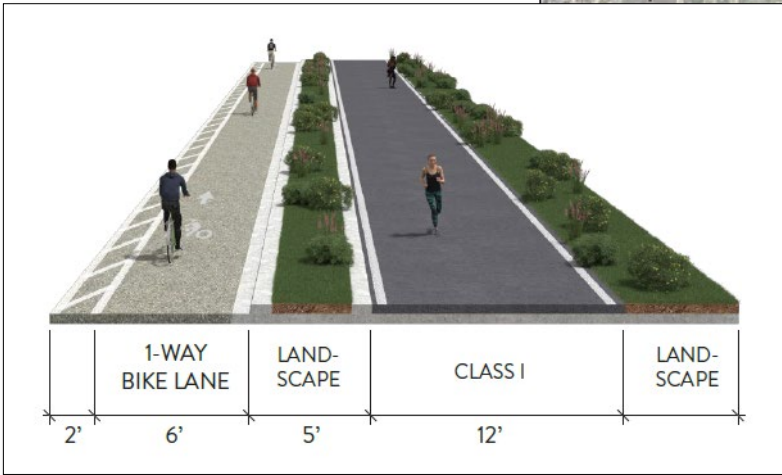
OCTA  
**OC Loops Feasibility Study**  
 OC Loops Segment 18B & 20A

**LEGEND**

- City Boundary
- Existing Class I
- Proposed Class IV



## Ladera Ranch Area



OCTA  
**OC Loops Feasibility Study**  
 OC Loops Segment 18B & 20A

**LEGEND**

- City Boundary
- Existing Class I
- Proposed Class IV



# Laguna Niguel Area



Proposed Class I extension of Oso Creek Trail south of Train Station to Rancho Capistrano

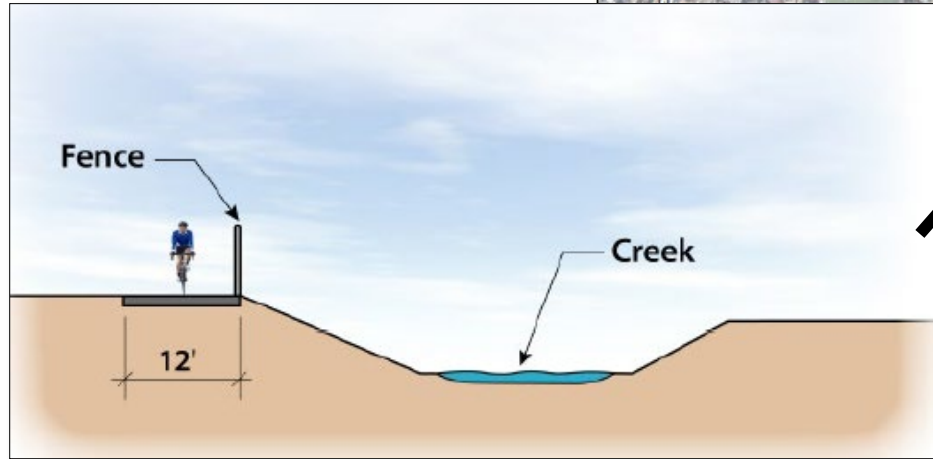
OCTA  
**OC Loops Feasibility Study**  
 OC Loops Segments 40A, 41A, 42C



**LEGEND**  
 [---] City Boundary  
 [--->] Existing Class I  
 [--->] Proposed Class I  
 [--->] Proposed Class II



# Laguna Niguel Area



Proposed Class I extension of Oso Creek Trail south of Train Station to Rancho Capistrano

OCTA  
**OC Loops Feasibility Study**  
 OC Loops Segments 40A, 41A, 42C



**LEGEND**  
 [---] City Boundary  
 [--->] Existing Class I  
 [--->] Proposed Class I  
 [--->] Proposed Class II



# OC Loops Gap Closure Feasibility Study

Caltrans Grant Funded Project to:

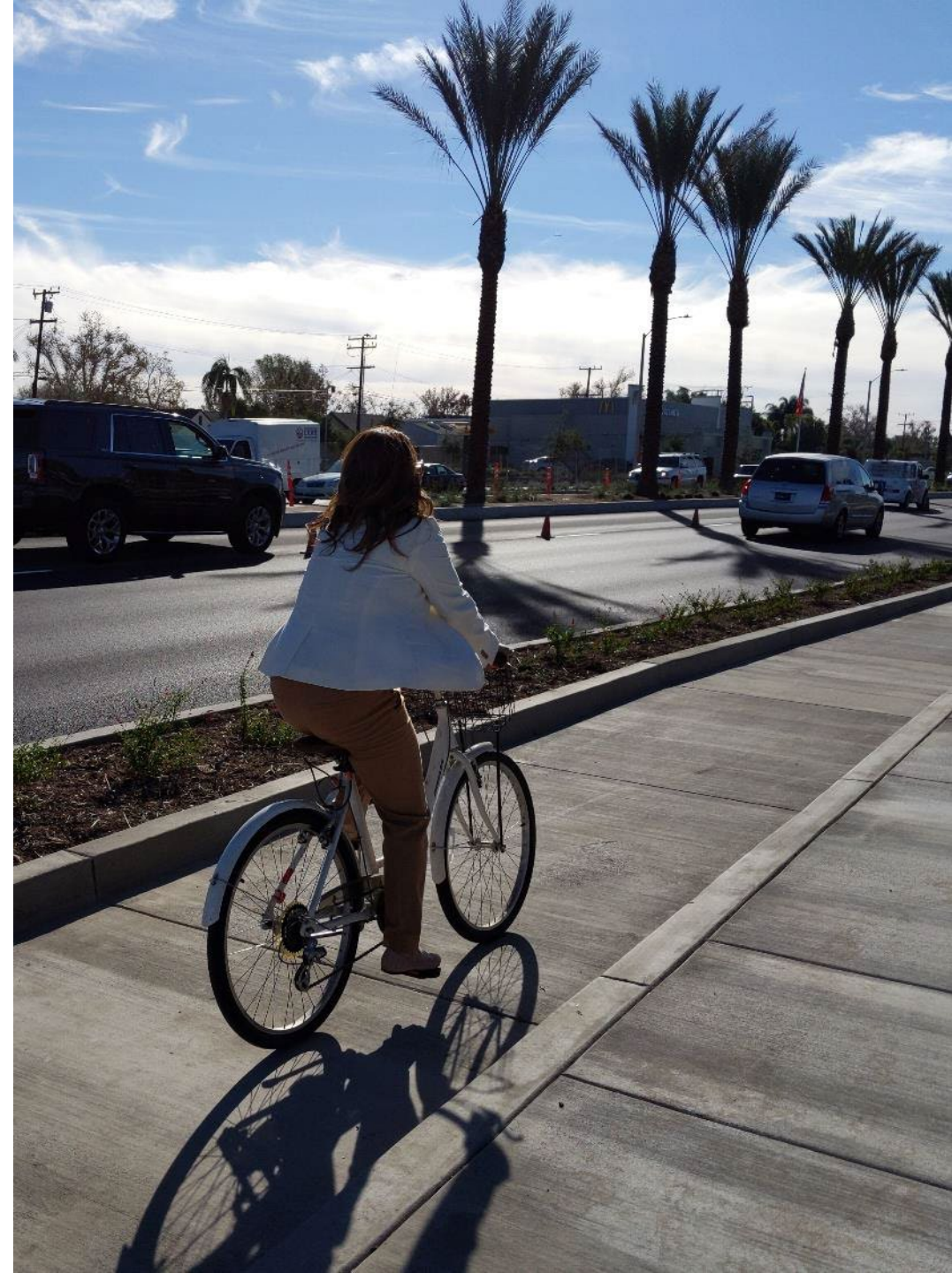
- Leverage Prior Planning Efforts
- Incorporate Public Input
- Collaborate with Local Agencies
- Summarize Bike Gap Closure Ideas
- Identify Funding Needed
- Position for Successful Grants





# Next Steps

- Summary 2023
  - Finalize Feasibility Study
- 2024 & Beyond
  - OCTA Coordinate with Agencies on Grant Pursuits
  - Implementation by Local Agencies





# Questions & Answers

For additional questions please contact  
Peter Sotherland at [psotherland@octa.net](mailto:psotherland@octa.net)

or

Paul Martin at [pmartin@markthomas.com](mailto:pmartin@markthomas.com)



For additional information please visit the project website at  
[octa.net/bikegapclosure](http://octa.net/bikegapclosure)