



# Colorado Avenue Protected Bikeway Project Overview



# CONTENTS

## 1

### OVERVIEW

Project Location  
Project Need

## 2

### EXISTING CONDITIONS

Crash Data  
Housing Development  
Parking Impacts

## 3

### DESIGN CONSIDERATIONS

Typical Cross Sections  
Similar Projects

## 4

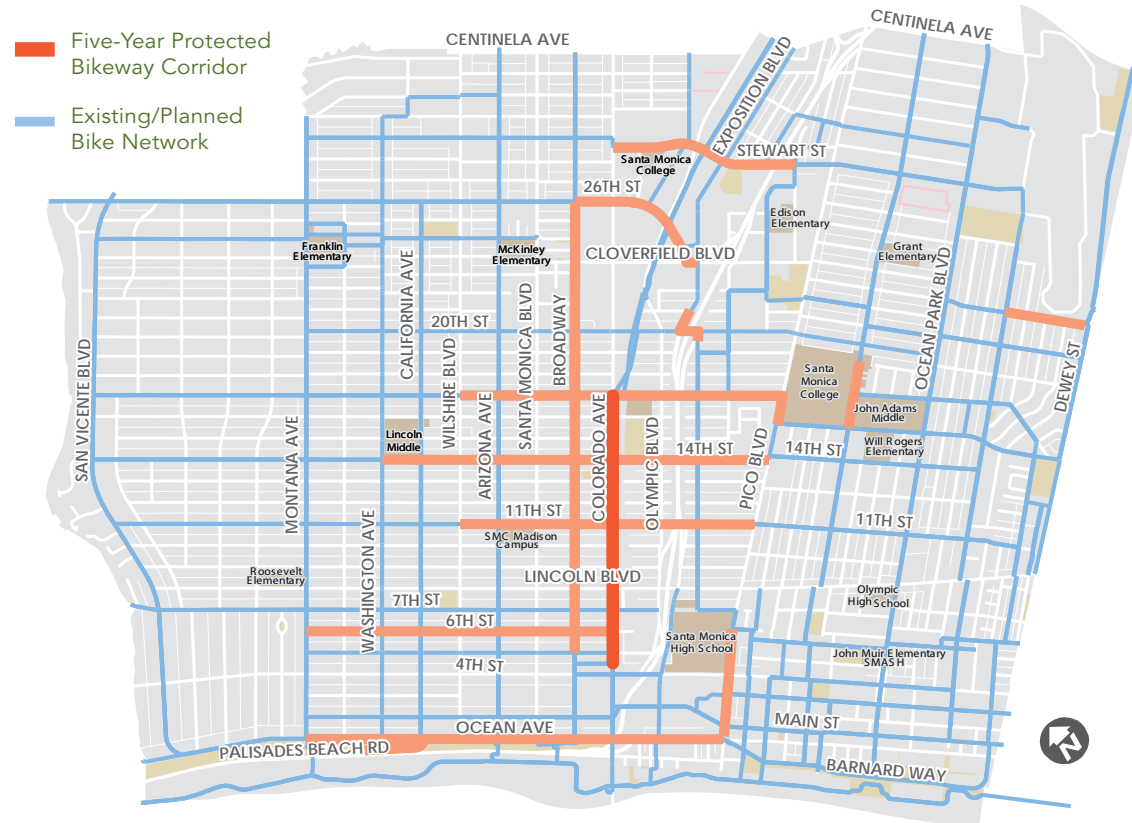
### ADMINISTRATION

Timeline  
Questions

# ACTING ON A 5-YEAR VISION

A protected bikeway on Colorado Avenue will connect to the existing two-way protected bikeway on the Esplanade, which runs from the Santa Monica Pier entrance to the Downtown Expo station. The Expo light rail line runs down the center of Colorado to 17th. Vehicle travel lane width on the south side prohibits a protected bike lane. However, by removing parking on the north side of the street, a westbound protected bike lane can be installed, serving as an extension of the Expo corridor bike path into downtown and connecting to the protected bike lanes on 17th. The narrower south side of Colorado would have shared lane markings.

## Corridor Location Map



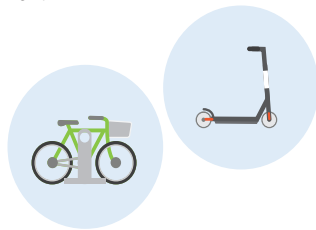
## Needs and Benefits

### DESTINATIONS & CONNECTIONS

- ▶ Downtown Santa Monica Expo Station
- ▶ 17th St Expo Station and Expo Bike Path
- ▶ Memorial Park
- ▶ Crossroads Elementary School

### EXISTING DEMAND

In the **top 15 busiest bikeways** in Santa Monica with **over 3,500 shared bike and scooter trips** per month.<sup>2</sup>



### SAFETY

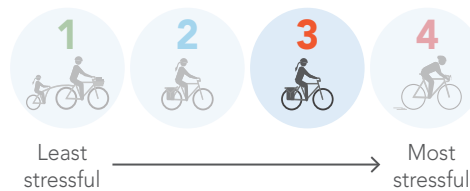
**7 collisions involving people bicycling**

from 2014 through 2018.<sup>1</sup>



### COMFORT

The existing bike facilities on Colorado have a level-of-traffic stress score of 3, suitable only for confident bicyclists. The design will achieve a level of traffic stress score of 1, suitable for **all ages and abilities.**



## Design Considerations

### PARKING

Removes existing parking on the **north side of the street.**



### KEY DESIGN ELEMENTS

**Intersection design** is crucial at both termini—at 17th St to accommodate cyclists accessing the planned protected bikeway on 17th and the Expo bike path and at 5th St to transition cyclists smoothly from the two-way protected bikeway.

**Bus stops** will be accommodated into design.

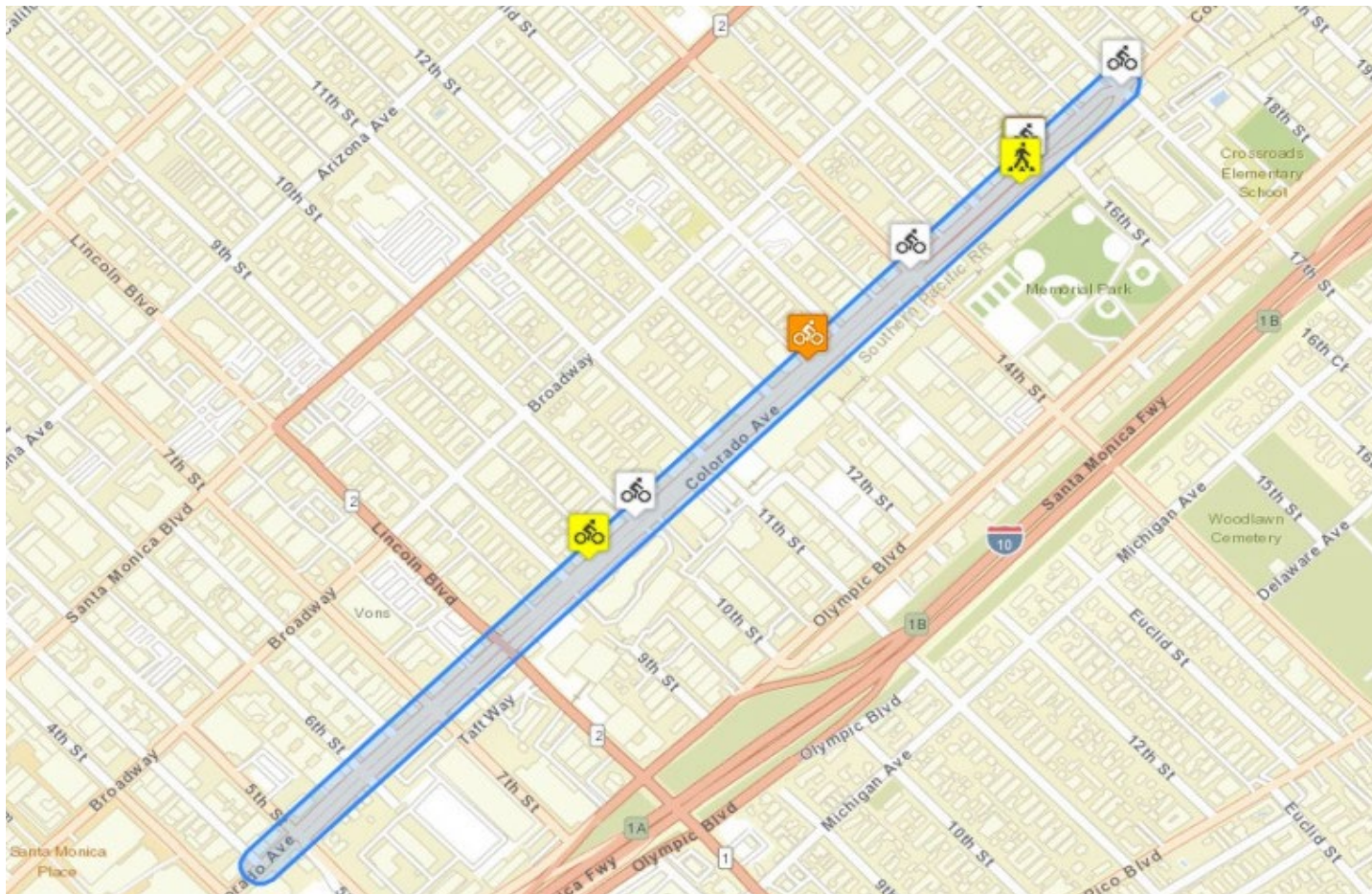


1. Data acquired from Transportation Injury Mapping System (TIMS), Safe Transportation Research and Education Center, University of California, Berkeley. 2020.

2. Monthly average of shared bike and scooter trips on the highest activity segment of the corridor during the October 2018 - January 2020 pilot

# CRASH DATA

Involved With	Fatal	Severe Injury	Visible Injury	Complaint of Pain	Total
Bicycle	0	1	1	4	6
Pedestrian	0	1	2	0	3



Source: UC Berkeley, Transportation Injury Mapping System, 2016-2020

# HOUSING DEVELOPMENT

## 6 Entitlements for Major Redevelopment Projects Along Corridor

- Hotel, Market Rate Units, Affordable Housing, Retail, Mixed Use
- Various stages of permitting and construction
- No new driveways being added on Colorado Ave

### Suitable Sites Inventory

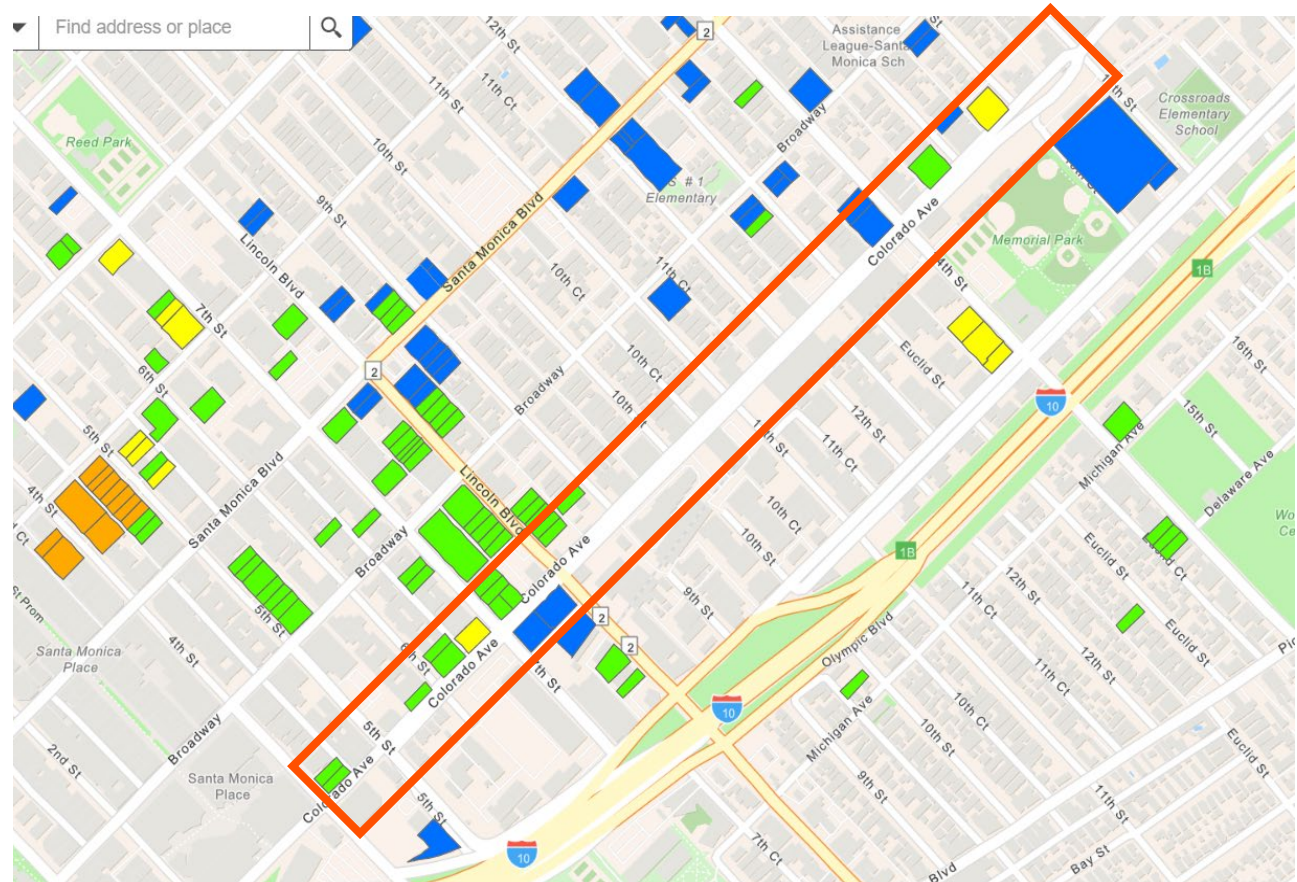
Updated June 2022: This map shows the 340 sites that have been identified to have high potential for becoming future housing sites. The approximately 340 identified sites is inclusive of the 138 parcels that have approved/pending projects.

For more detail, use this map to scroll through the City where you can click on individual suitable sites for additional information.

### Suitable Sites Inventory (June 2022)

#### Category

- Category 1 - Approved Pending Project
- Category 2 - Prior 5th Cycle HE Site
- Category 3 - DCP Buildout
- Category 4 - City Owned Site
- Category 5 - Parking Lots
- Category 6 - Auto Dealership Lots
- Category 7 - Recent/Active Sales
- Category 8 - Large Sites
- Category 9 - Underutilized Sites with 20KSF potential
- Category 10 - ILR less than 0.5
- Category 11 - Community Assembly Site
- Category 12 - Residential Zoned Parking Lot



# PARKING IMPACTS

Estimated removal of 30 Parking Spaces between 5th St and 17th St

Street	From	To	Parking Spaces
Colorado Ave	5th	6th	0
Colorado Ave	6th	7th	0
Colorado Ave	7th	Lincoln	3
Colorado Ave	Lincoln	9th	6
Colorado Ave	9th	10th	2
Colorado Ave	10th	11th	3
Colorado Ave	11th	12th	6
Colorado Ave	12th	Euclid	4
Colorado Ave	Euclid	14th	1
Colorado Ave	14th	15th	3
Colorado Ave	15th	16th	0
Colorado Ave	16th	17th	2
<b>TOTAL</b>			<b>30</b>



DOWNTOWN SANTA MONICA STATION





COLORADO AVE + 7TH STREET



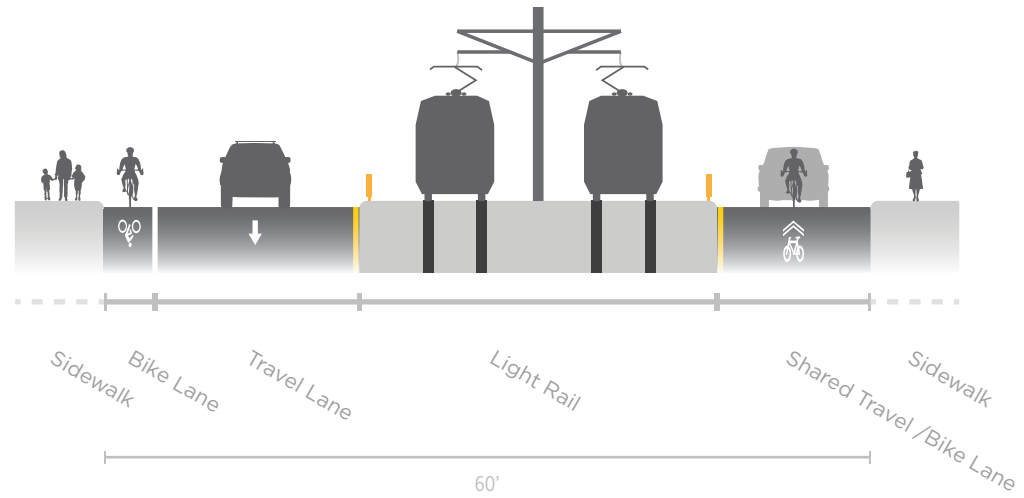
COLORADO AVE + LINCOLN BLVD



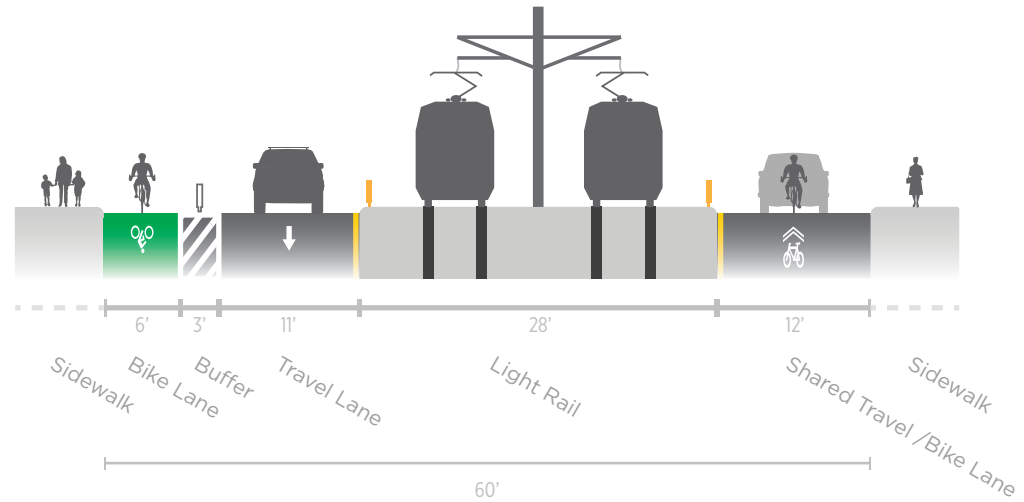


# COLORADO AVENUE

## Existing Cross-Section 5TH TO 7TH



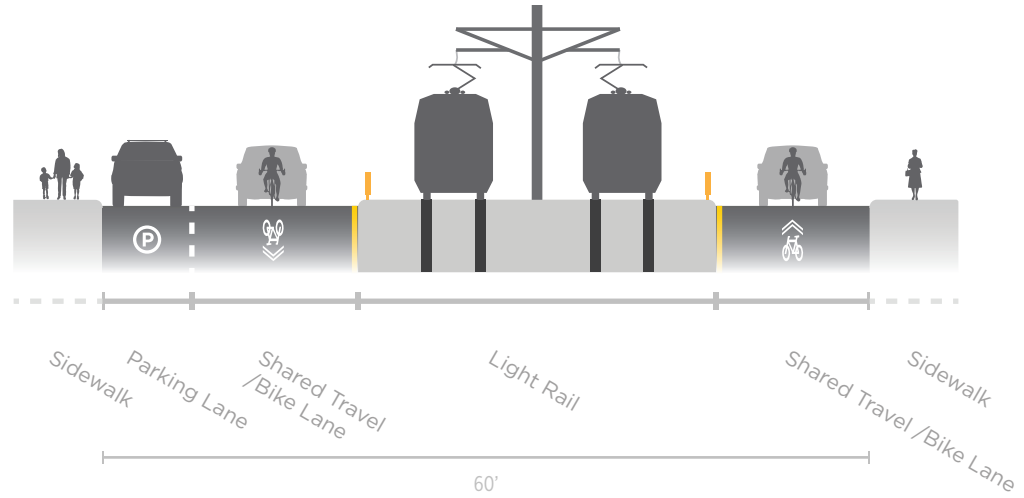
## Proposed Cross-Section 5TH TO 7TH



# COLORADO AVENUE

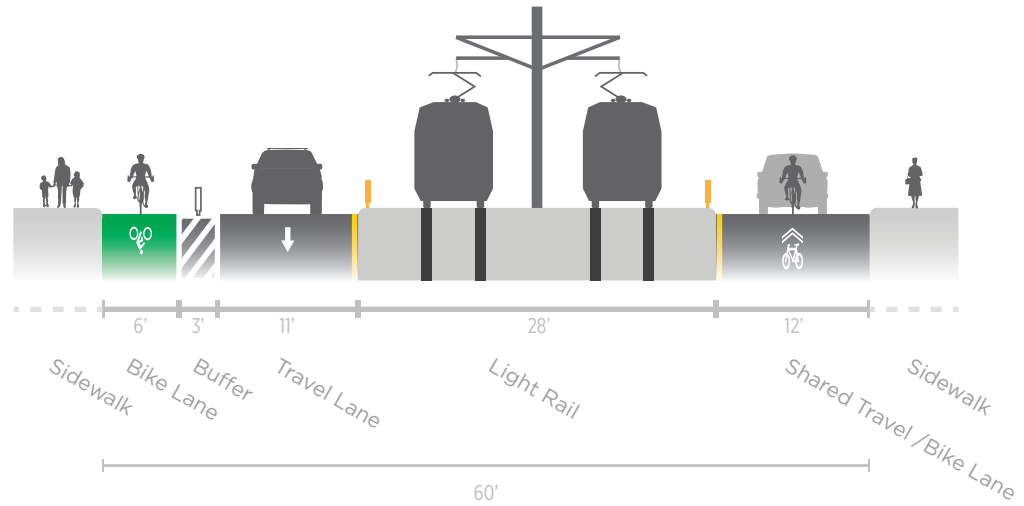
## Existing Cross-Section

### 7TH TO 17TH



## Proposed Cross-Section

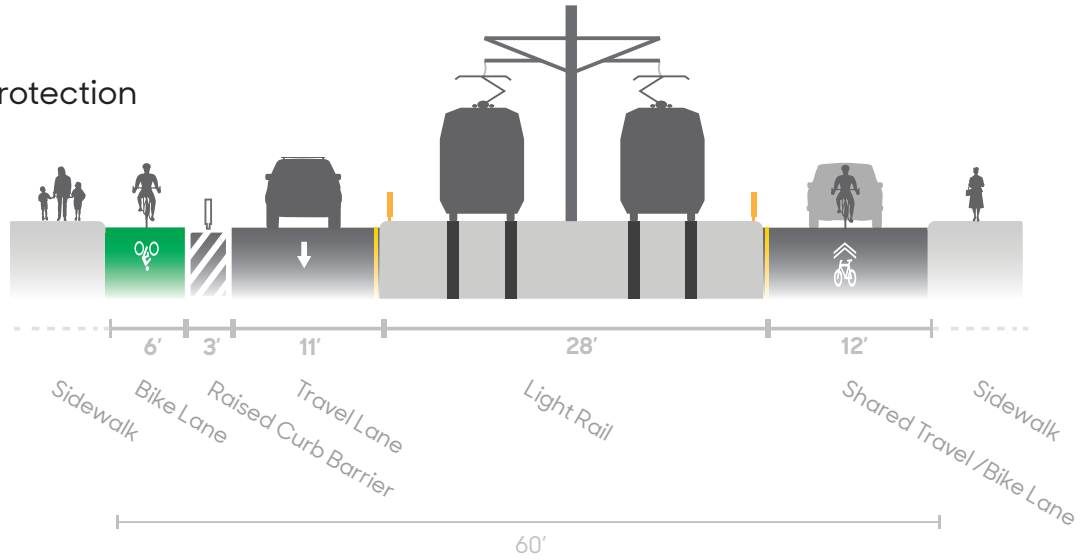
### 7TH TO 17TH



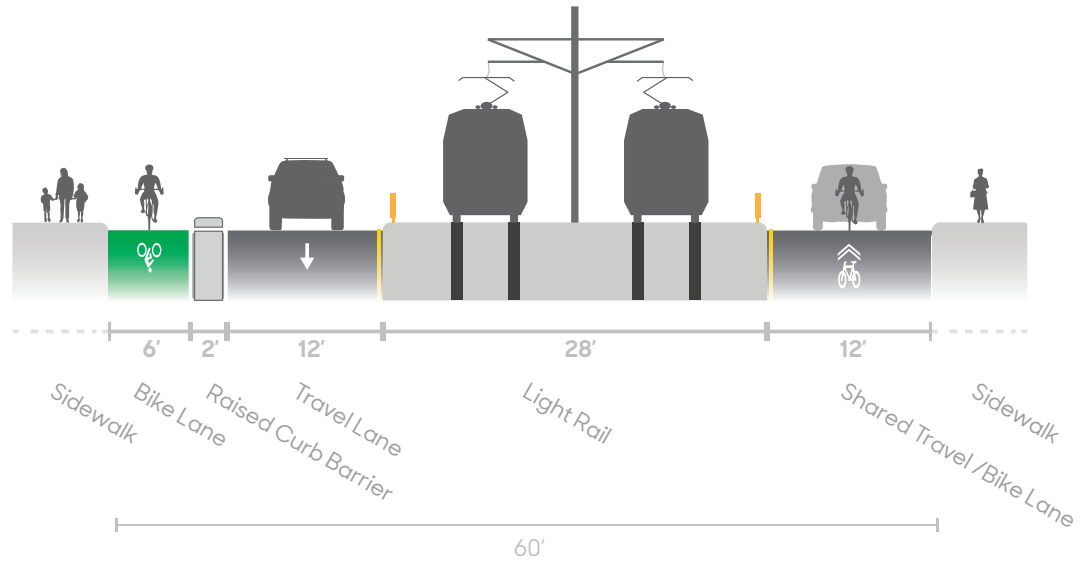
# COLORADO AVENUE

## Cross Section Alternatives for Bikeway Protection

Paint and Post Bollards



Raised Curb Concrete Median



# SIMILAR PROJECTS



23rd St Protected Bikeway



Broadway at 4th Ct



# TIMELINE

DESIGN

OCT 2022 - SEPT 2023

OUTREACH

FEB 2023 - JUN 2023

CONSTRUCTION

SEPT 2023 - JUNE 2024

EVALUATION

JULY 2024 - DEC 2024

# ***QUESTIONS***

**Jack Moreau**  
Project Manager  
[Jack.Moreau@santamonica.gov](mailto:Jack.Moreau@santamonica.gov)

