

City of Costa Mesa Multi-Purpose Trails



SOUTHERN CALIFORNIA



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GOVERNMENTS



Planning + Landscape Architecture



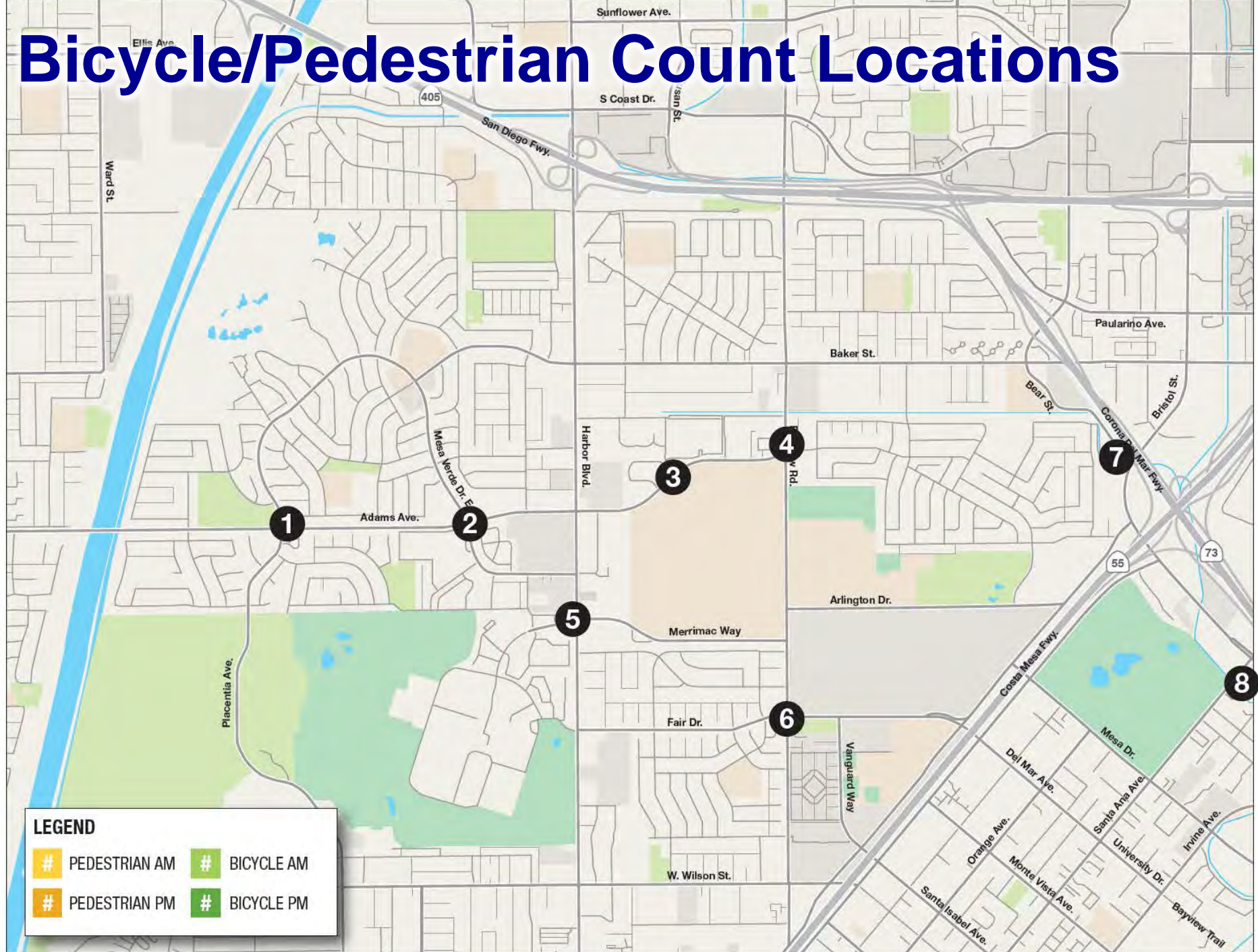
Goals and Objectives

- **Maintain a balanced, uncongested, safe and energy-efficient transportation system**
 - **Support Circulation Element update through improved biking and walking infrastructure**
-
- **Improve active transportation access across Costa Mesa, particularly Orange Coast College**
 - **Evaluate three study corridors for potential to connect two major trail networks: Santa Ana River Trail and Bayview Trail**

Study Context



Bicycle/Pedestrian Count Locations

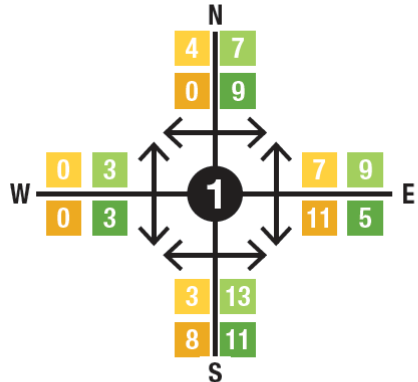


LEGEND

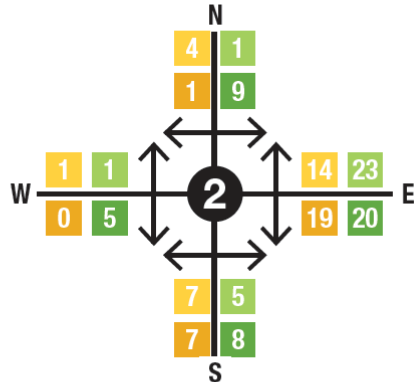
- PEDESTRIAN AM
- BICYCLE AM
- PEDESTRIAN PM
- BICYCLE PM

Bicycle/Pedestrian Counts

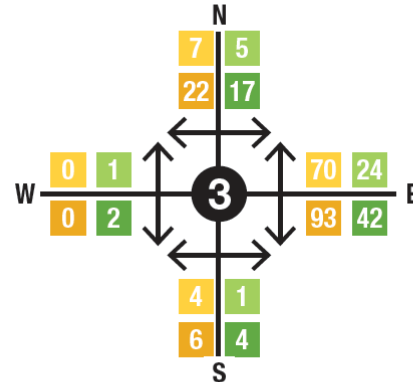
N/S: Placentia Ave
E/W: Adams Ave



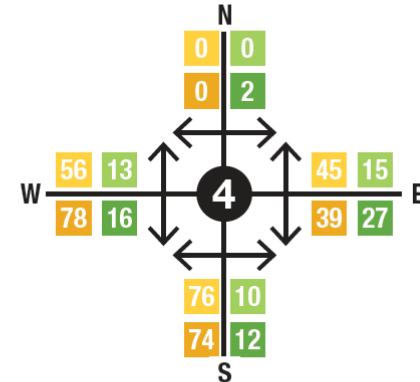
N/S: Mesa Verde Dr East
E/W: Adams Ave



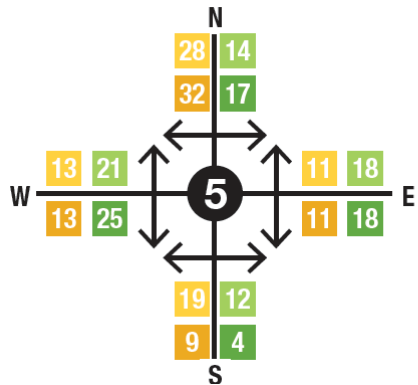
N/S: Pine Creek Dr
E/W: Adams Ave



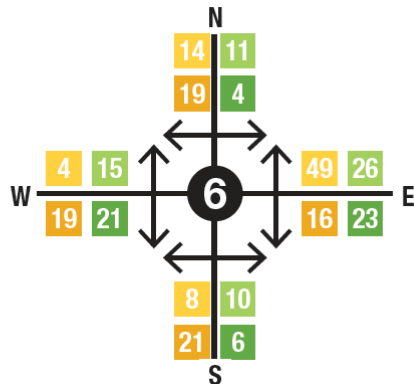
N/S: Fairview Rd
E/W: Adams Ave



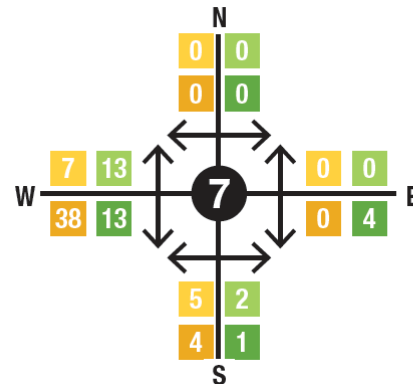
N/S: Harbor Blvd
E/W: Merimac Way



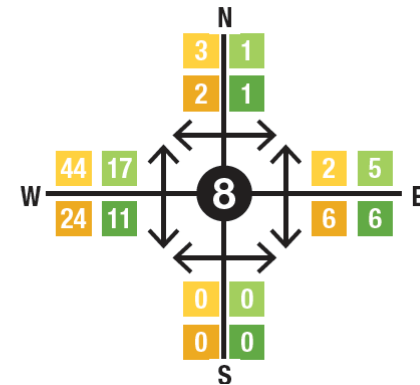
N/S: Fairview Rd
E/W: Fair Dr



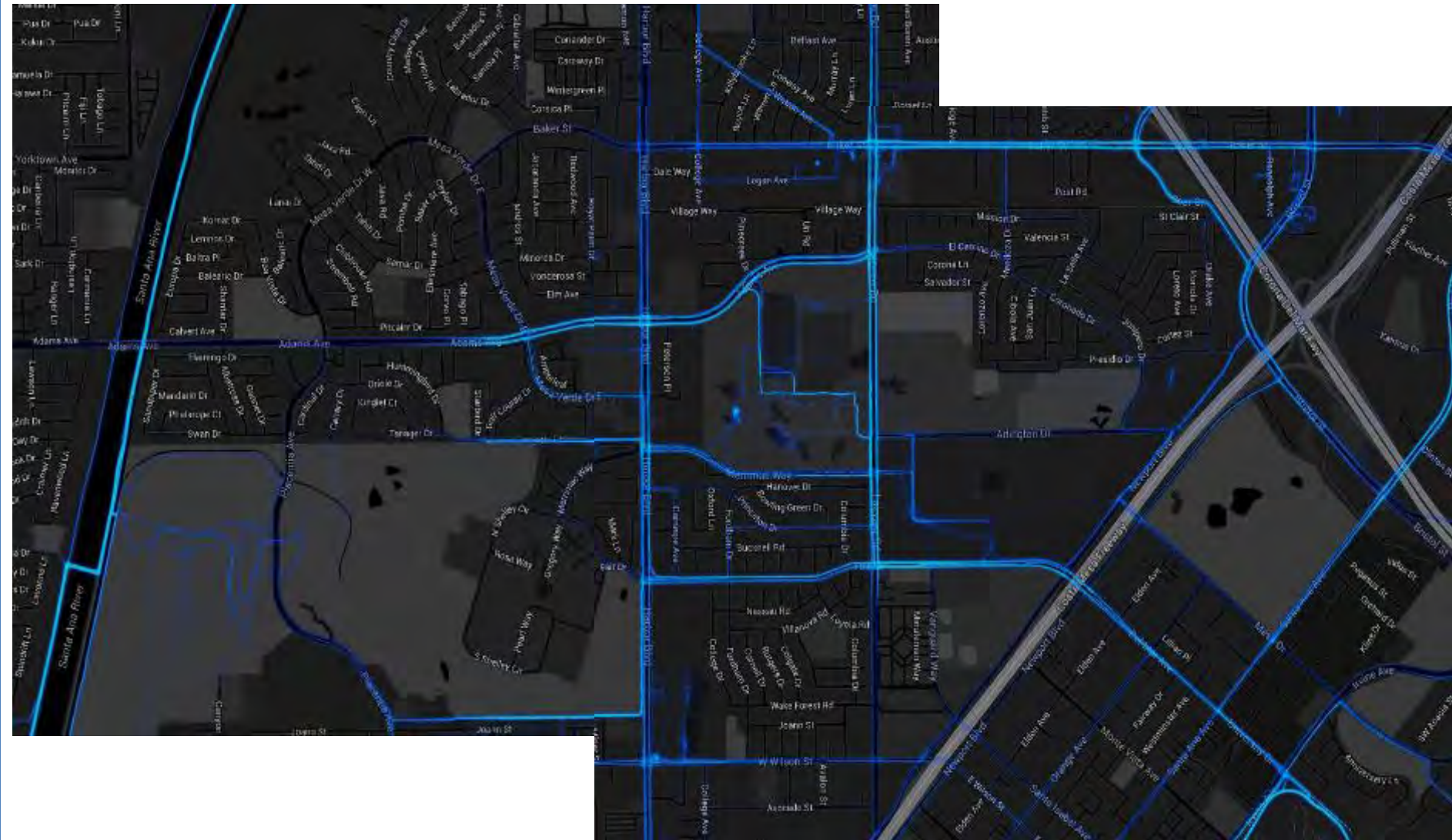
N/S: Bristol St
E/W: Bear St



N/S: Santa Ana Ave
E/W: Paularino Channel



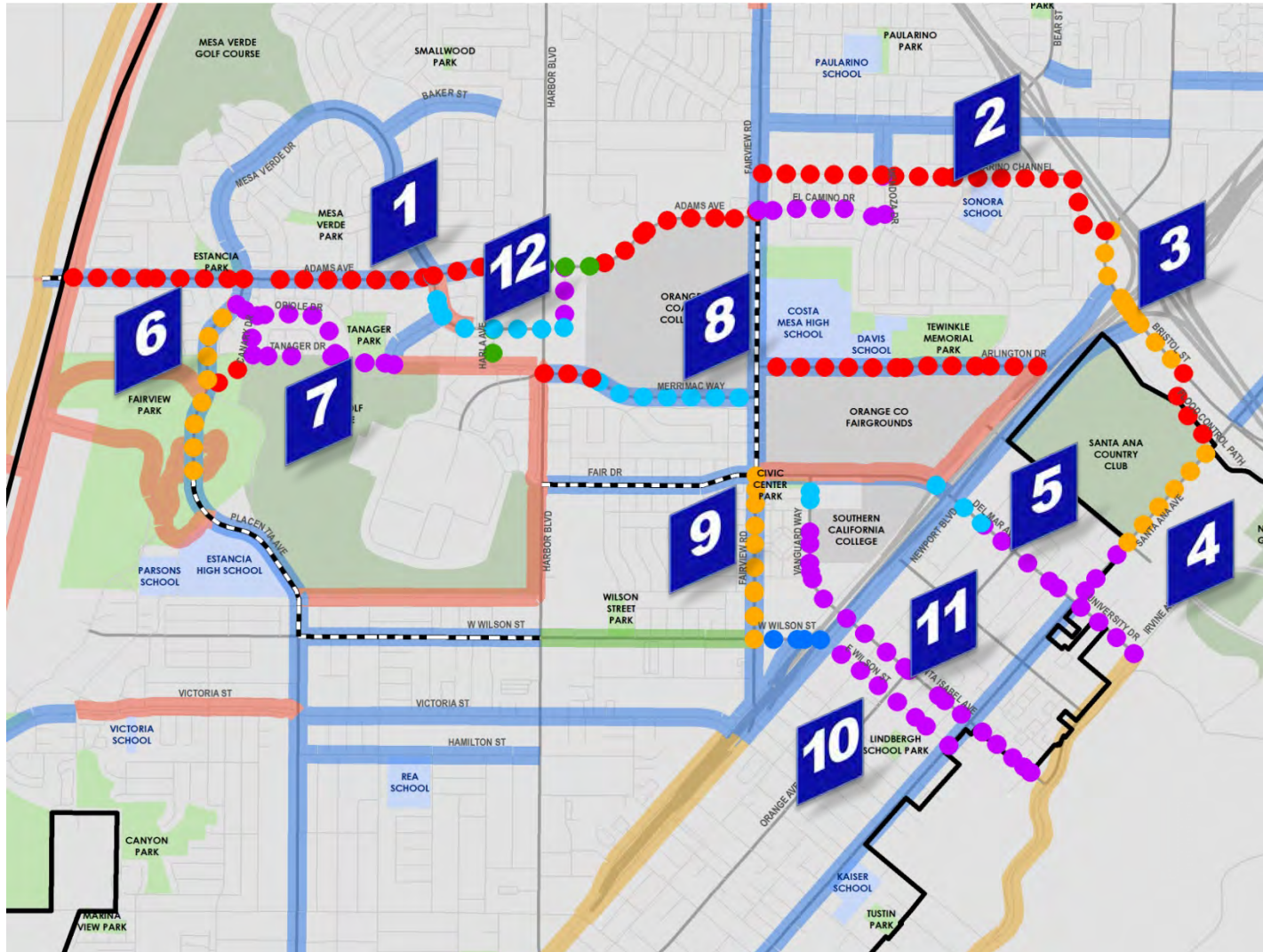
STRAVA – HEAT MAP (Bicycle Use)



Project Status

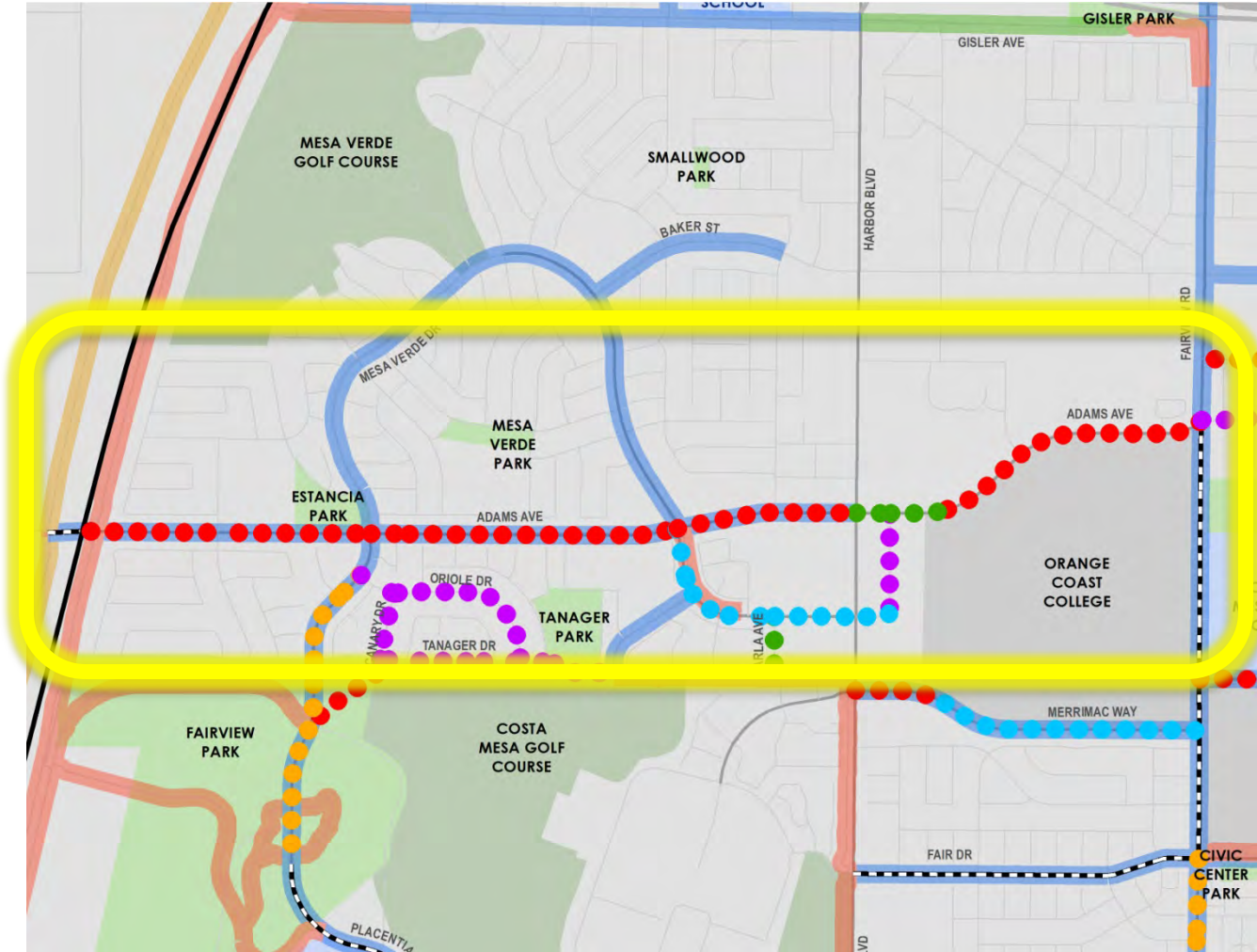
- Review Existing Plans
- Review Existing Concepts
- Inventory Existing Conditions
- Analyze Opportunities and Constraints
- Conduct Community Workshops
- Develop Preliminary Concept Plans
- Develop Project Alternatives/Visualizations
- Select Preferred Alternatives
- Develop Mitigation Measures
- Prepare Project Report

Study Segments



Adams Avenue

(Santa Ana River Trail to Fairview Rd)



Adams Avenue

(Santa Ana River Trail to Fairview Rd)

1



No bicycle lanes east of Harbor Boulevard

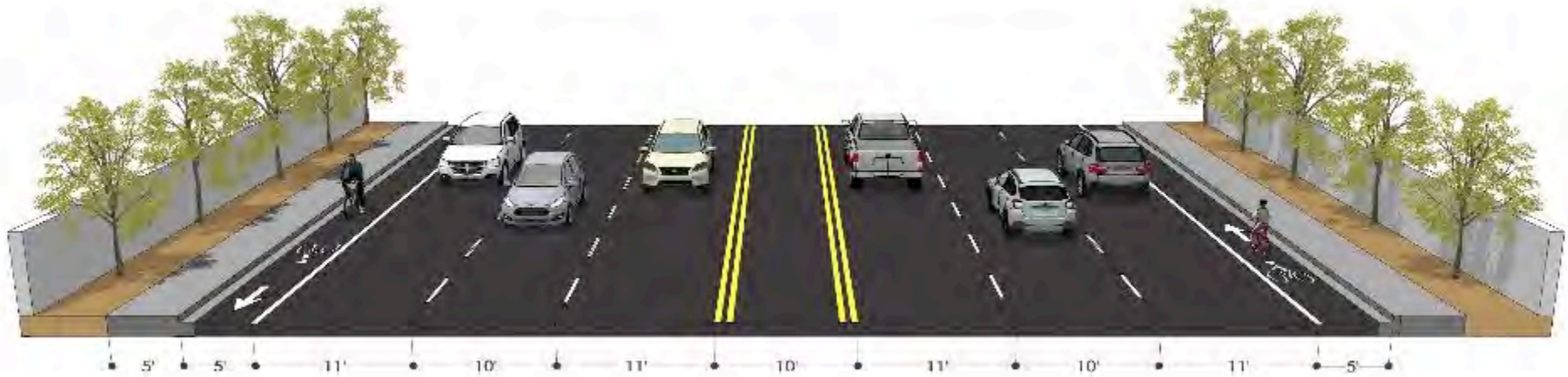


Bicycle lanes west of Harbor Boulevard

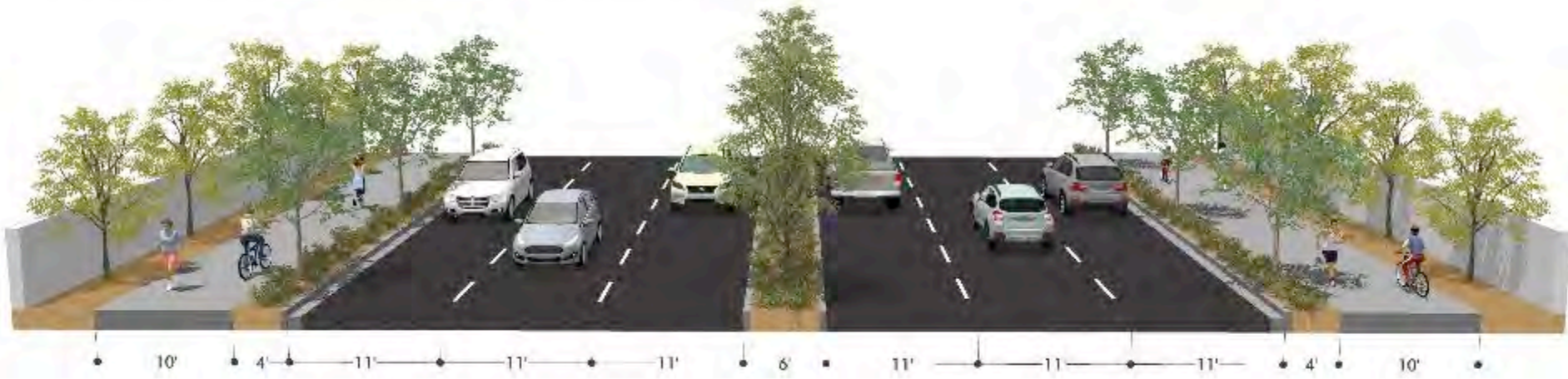
Adams Avenue

(Placentia Ave. to Mesa Verde E.)

EXISTING CONDITIONS

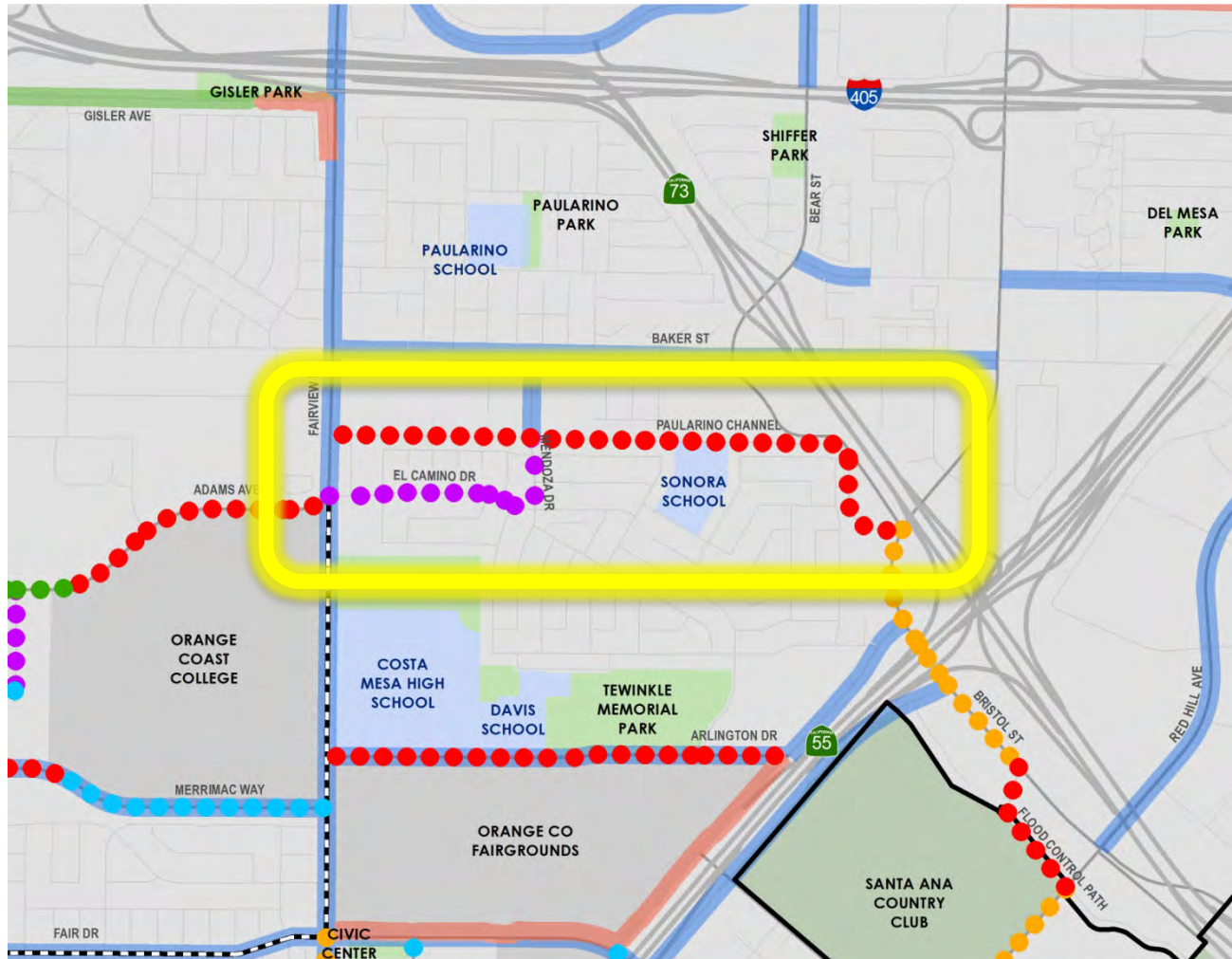


PROPOSED MULTI-USE TRAIL



Paularino Channel

(Fairview Rd to Bristol St)



Paularino Channel

(Fairview Rd to Bristol St)

2



Maintenance road is adjacent to residences along channel



Maintenance road is unpaved but wide enough for multi-purpose trail

Paularino Channel

(Fairview Rd. to Bristol St.)

Proposed Concept

Existing Condition



Paularino Channel

(Fairview Rd. to Bristol St.)

Proposed Concept

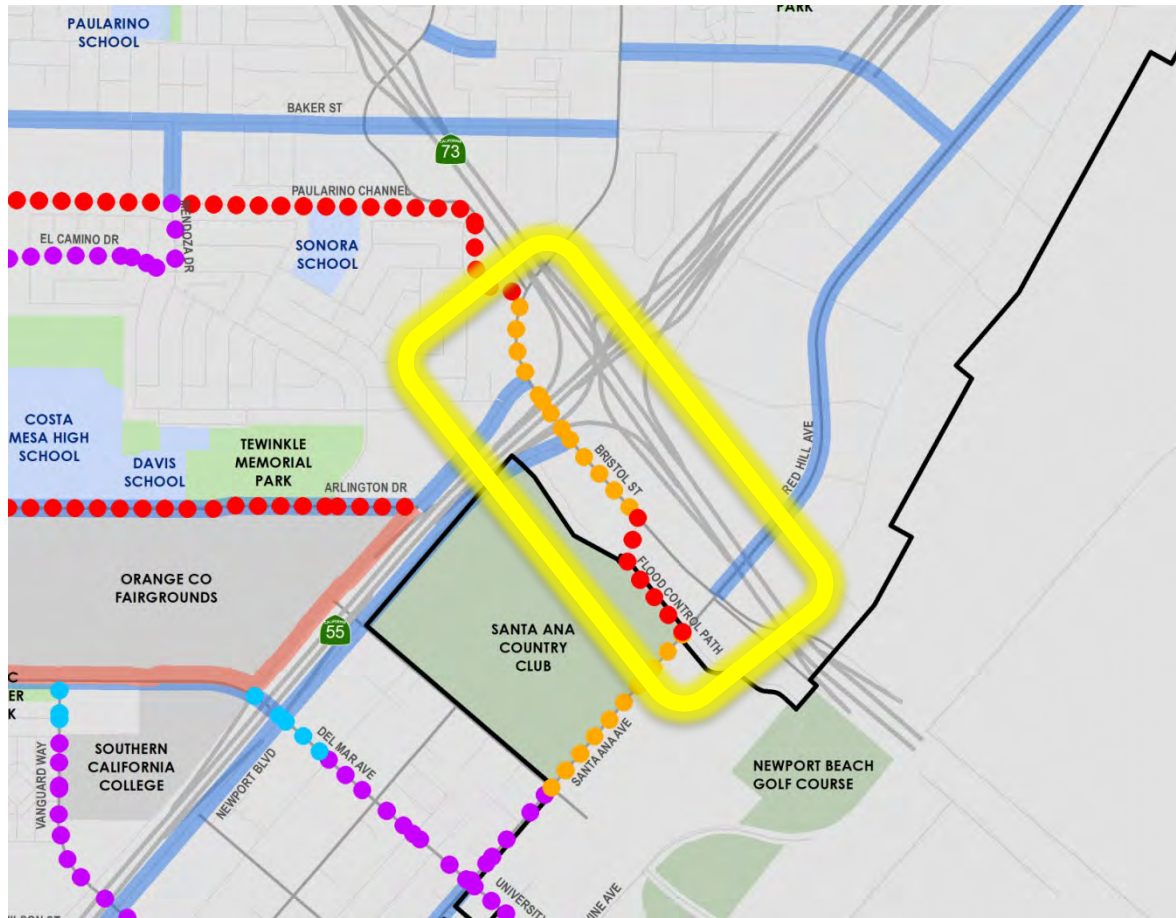


Existing Condition



Bristol St/Santa Ana Delhi Channel

(Paularino Channel to Santa Ana Ave)



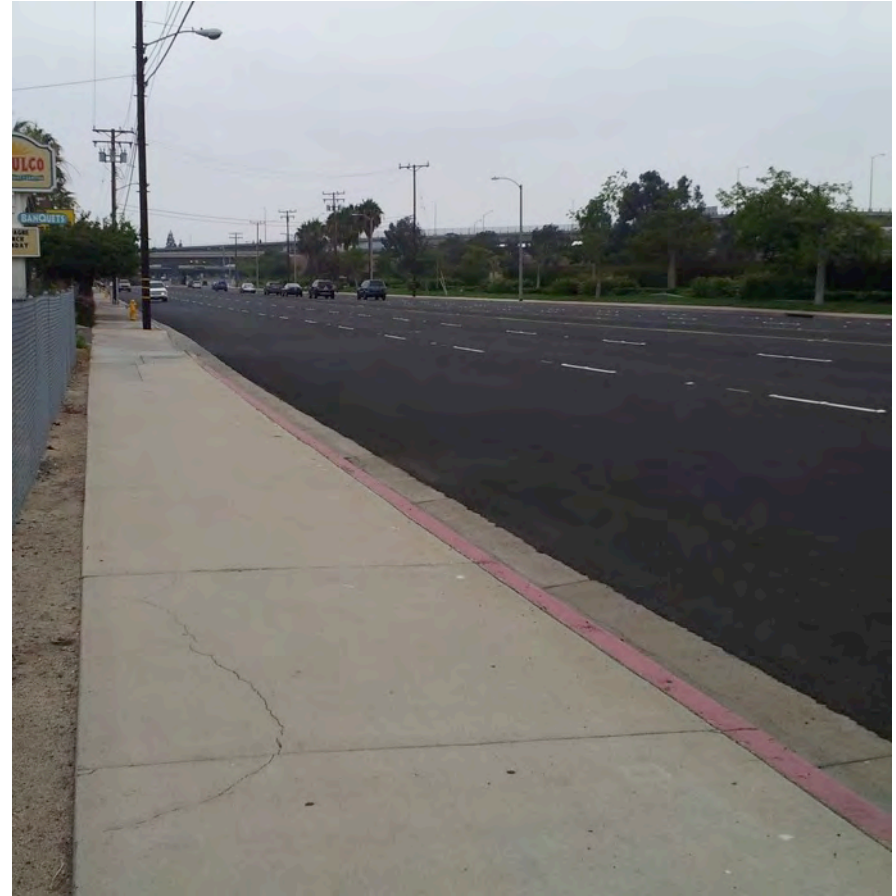
Bristol St/Santa Ana Delhi Channel

(Paularino Channel to Santa Ana Ave)

3



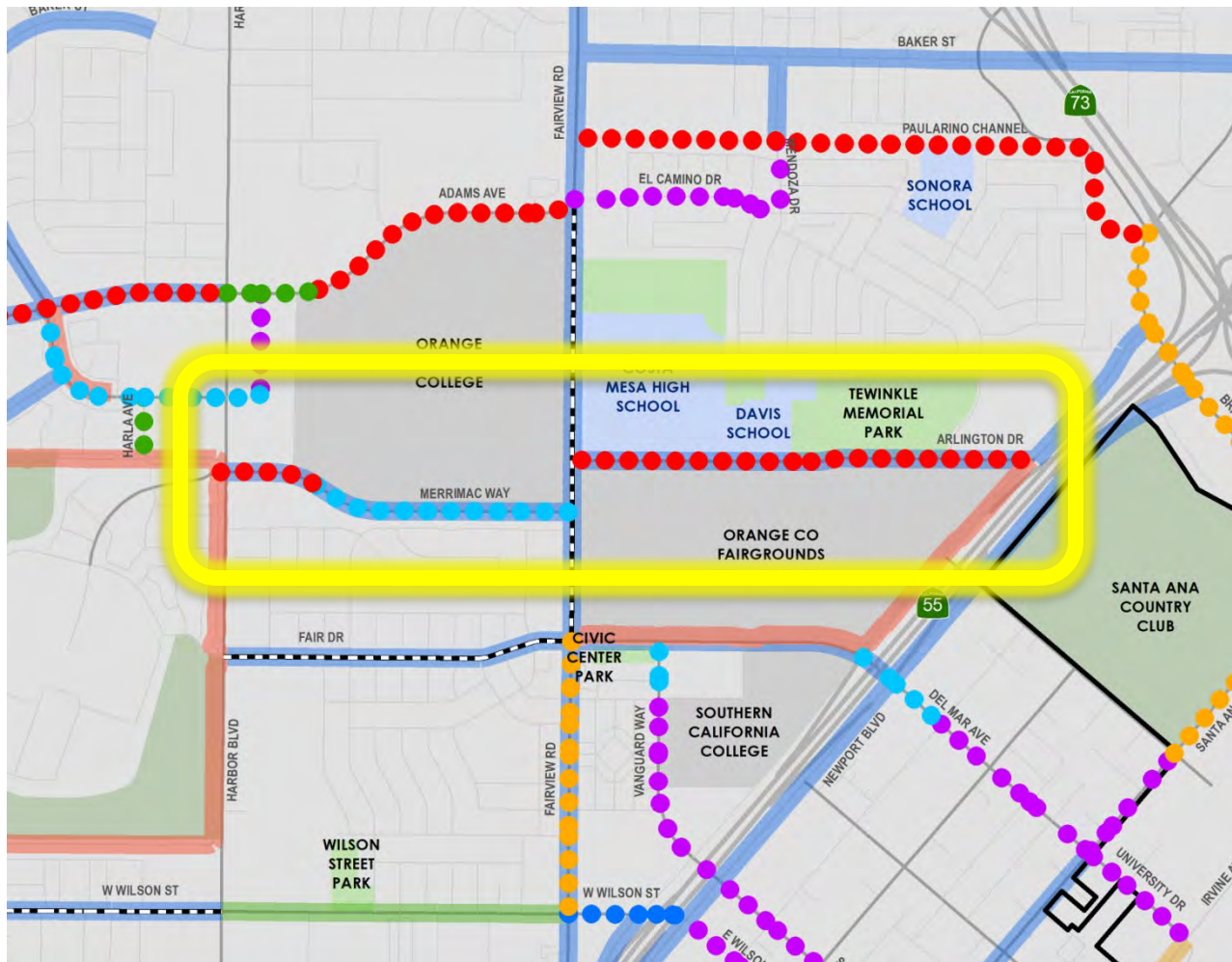
No bicycle lanes on Bristol Street



Curb lane wide enough for bicycle lanes

Merrimac Way/Arlington Dr

(Harbor Blvd to Newport Blvd)



Merrimac Way/Arlington Dr

(Harbor Blvd to Newport Blvd)

8



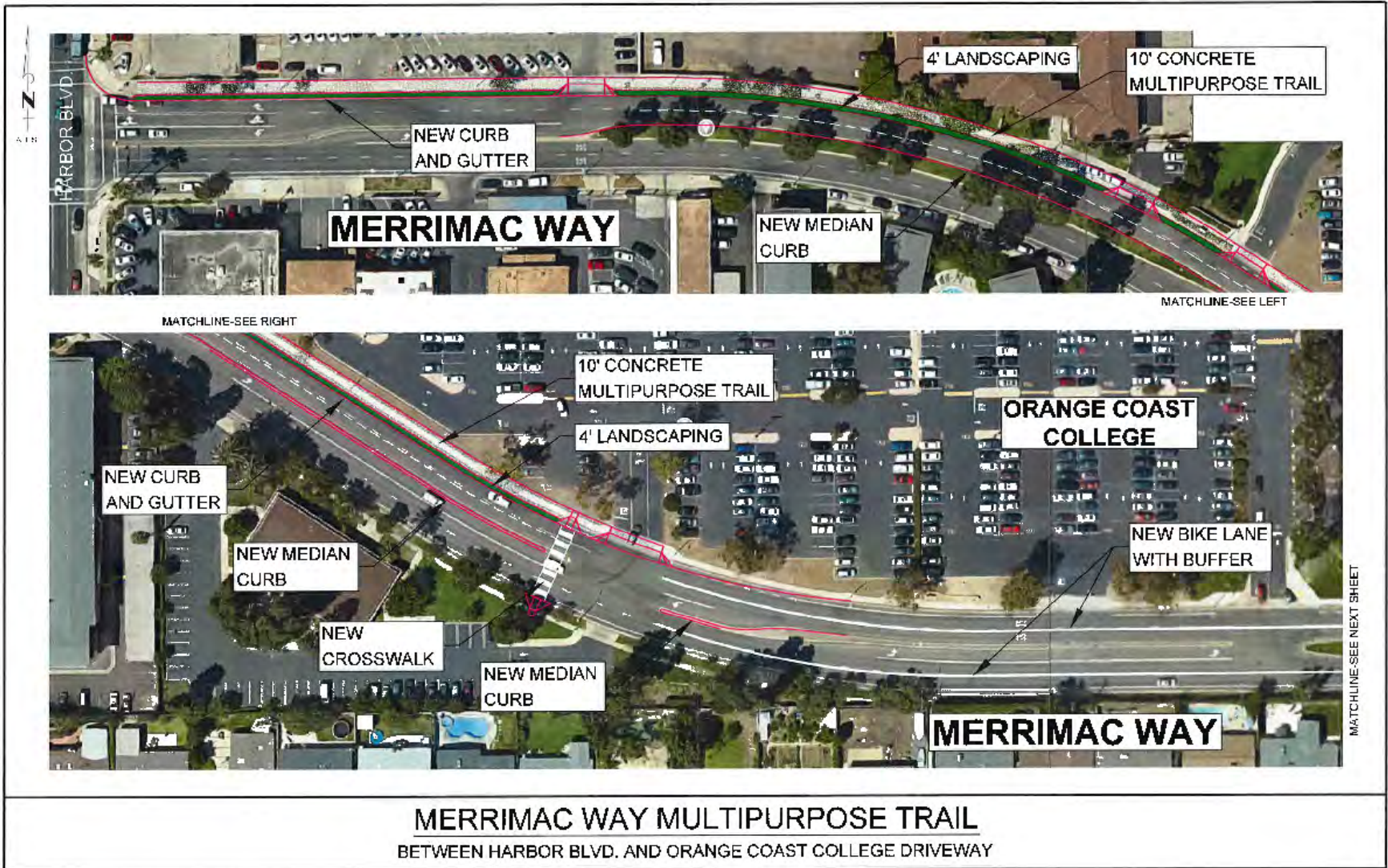
Bicycle lanes on Merrimac Way



Adjacent to Orange Coast College (at right)

Merrimac Way

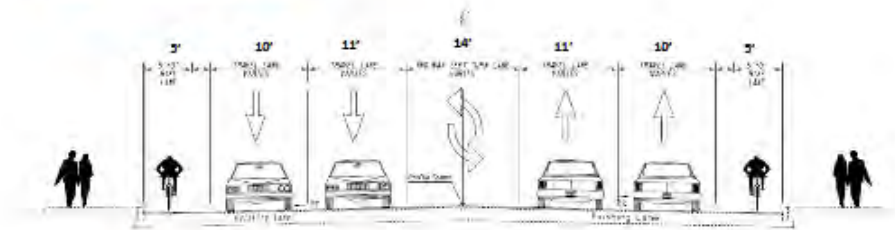
(Harbor Blvd to Fairview Rd)



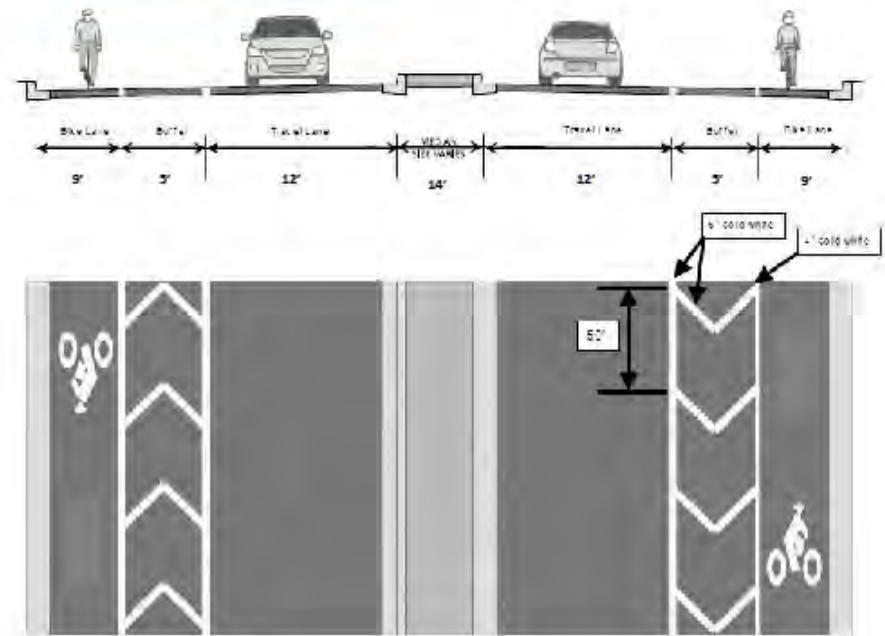
MERRIMAC WAY

(Harbor Blvd. to Fairview Rd.)

EXISTING CONDITIONS



PROPOSED BUFFERED BIKE LANES

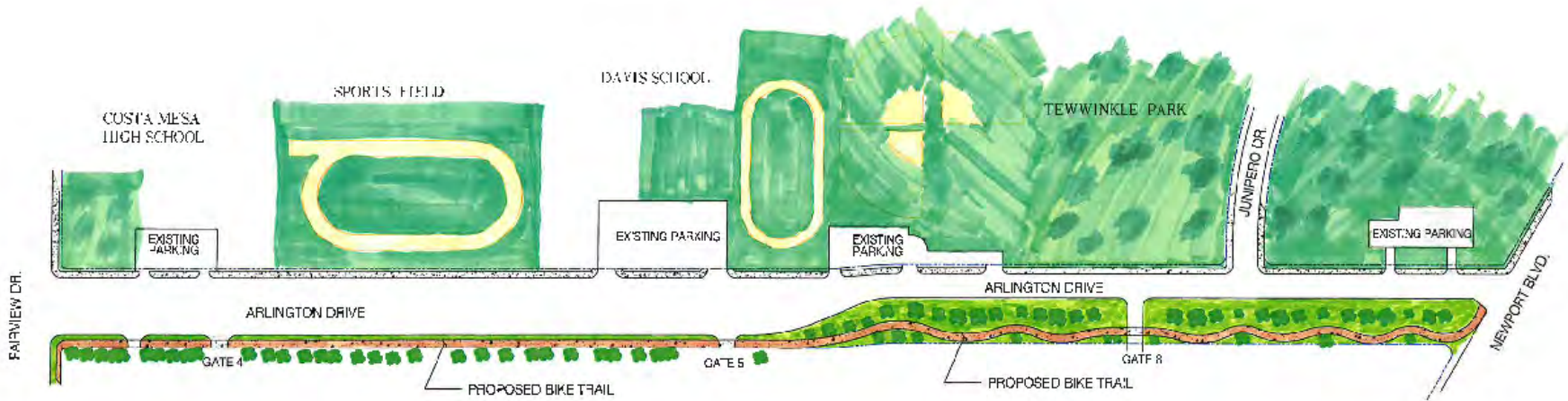


Merrimac Way

(Harbor Blvd to Fairview Rd)

Arlington Dr

(Fairview Rd to Newport Blvd)

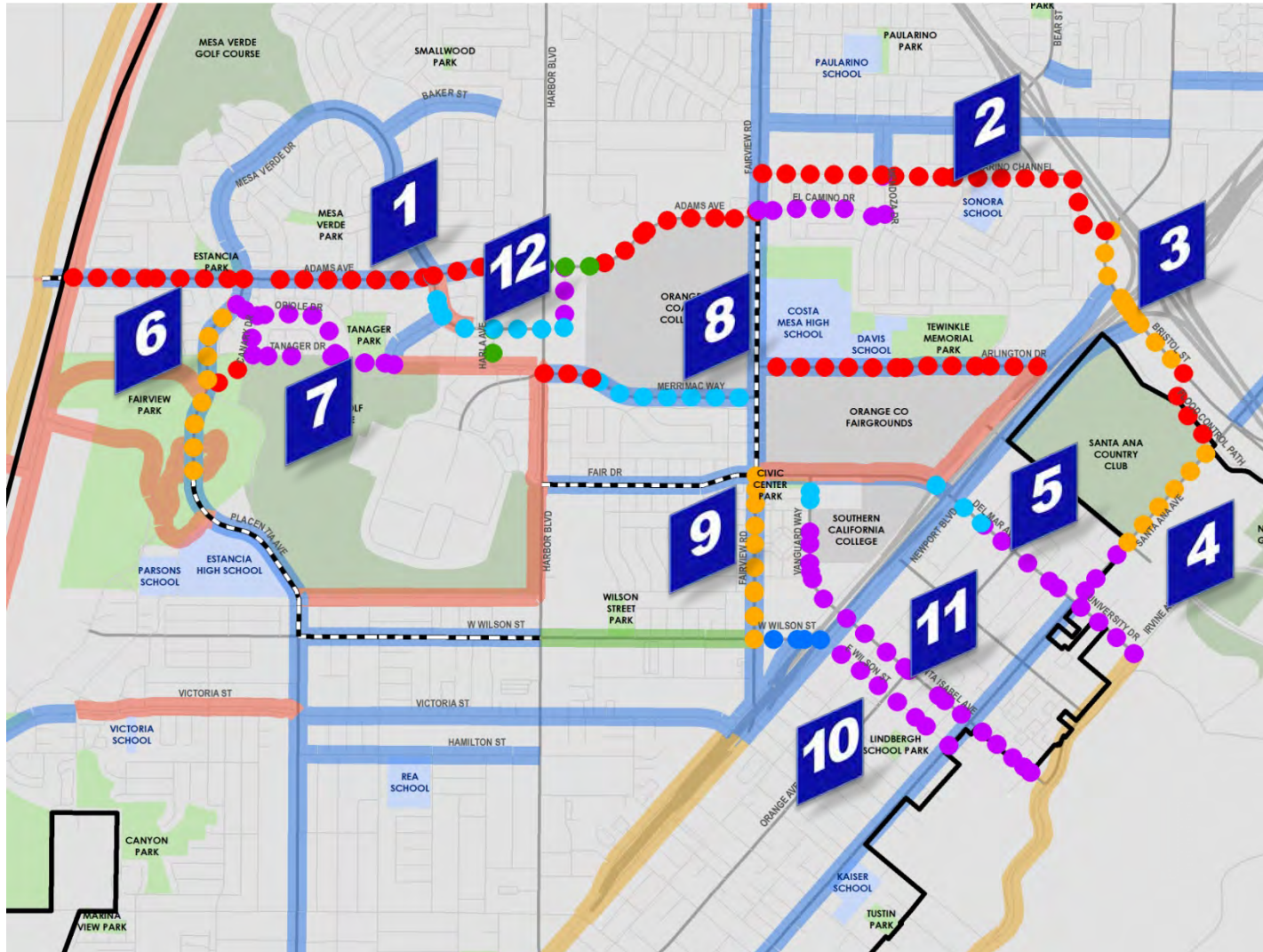


ORANGE COUNTY FAIR GROUNDS

ARLINGTON DRIVE CONCEPT PLAN



Study Segments



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