

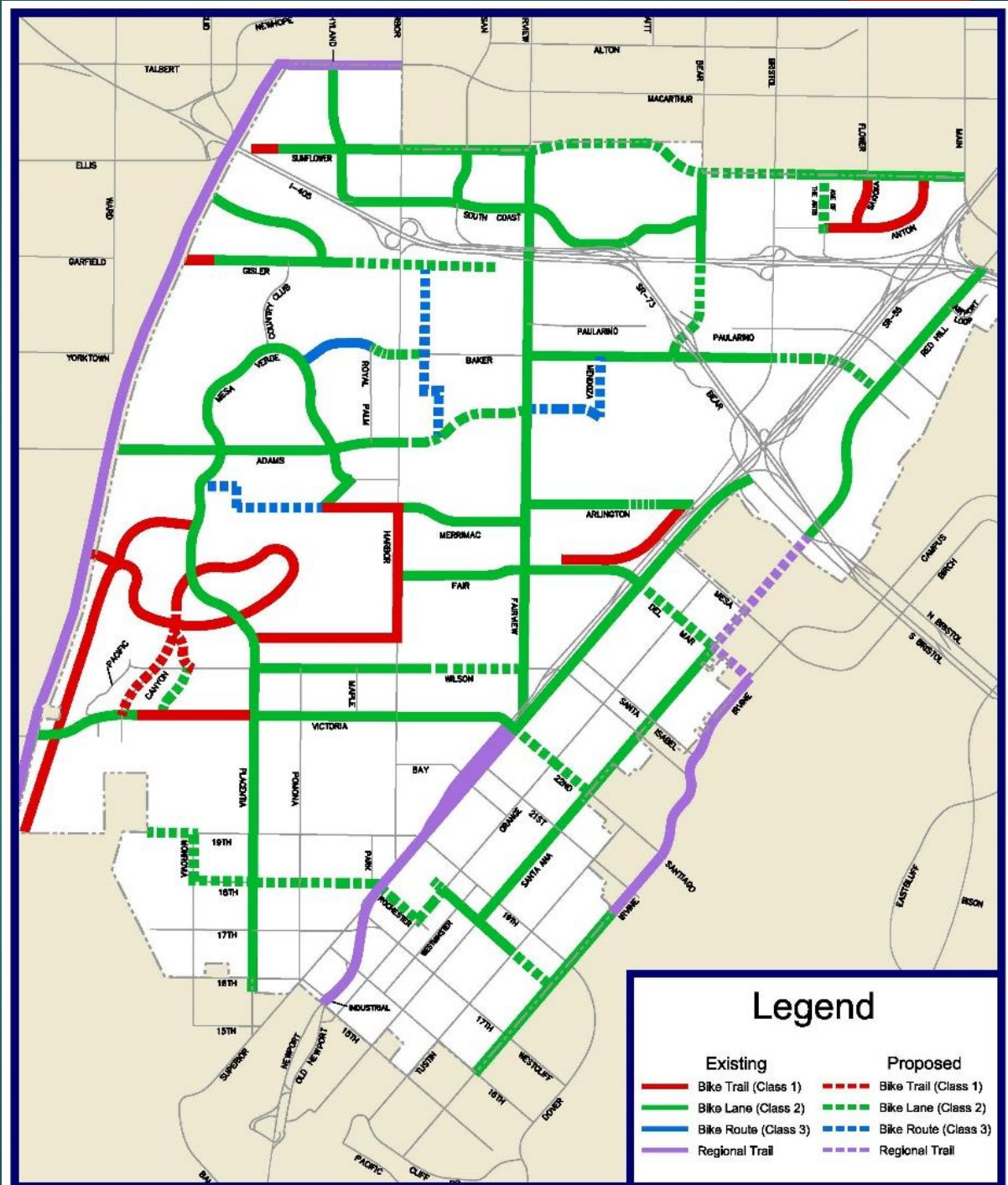


CITY OF COSTA MESA BIKEWAY & WALKABILITY COMMITTEE

JUNE 10, 2015

➤ Master Plan of Bikeways

- ❖ Class 1 – Multi-Use Trails
- ❖ Class 2 – Bike Lanes
- ❖ Class 3 – Bike Routes



Class 1 – Multi Use Paths

- ▶ Dedicated Facility
- ▶ Serves Pedestrians and Bicycles
- ▶ Minimizes Cross Flow



Optimal Bike Paths

- ▶ Long, Uninterrupted Segments
 - ▶ River Trails
 - ▶ Water Fronts
 - ▶ Flood Control Channel Corridors



Class 2 – Bike Lanes

- ▶ 5 ft. Beyond Marked Parking Stalls
- ▶ 4 ft. Beyond Pavement Edge
- ▶ 3 ft. Beyond Gutter



Class 3 – Bike Routes

▶ On-Street Signed Routes



Other Bicycle Facility Options

- ▶ Sharrows
- ▶ Bicycle Boulevards
- ▶ Bicycle Boxes
- ▶ Others?

Sharrows

- ▶ New, US Standard Pavement Marking
- ▶ Advises Motorists to Expect Bicyclists
- ▶ Advises Bicyclists to Ride in Safer Location away from Parked Car Doors
- ▶ Useful with Class 3 Bikeways

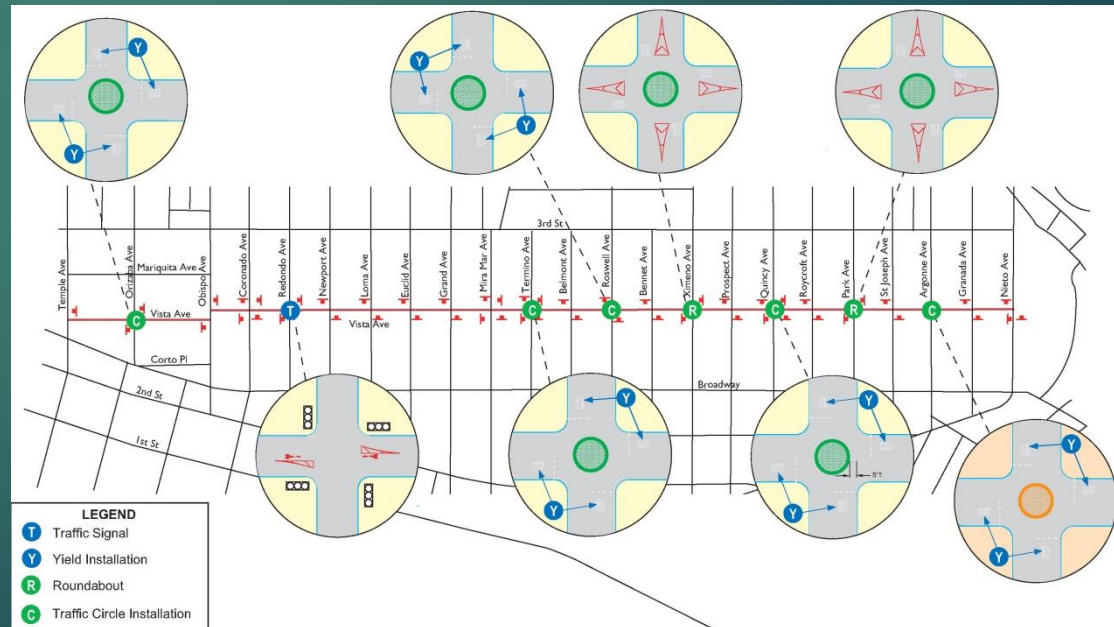


New Standard Signs



Bicycle Boulevard

- ▶ Minor Street Modified to Suit Bicycling
- ▶ Low Auto Traffic and Speeds
- ▶ Traffic Controls Optimized for Bicycling



KEY BICYCLE ISSUES

- ▶ Established Circulation System
- ▶ Past Focus on Movement of Vehicles
- ▶ Right-of-way Constraints
- ▶ Bicycle Population Growth – Recreation and Commuter
- ▶ Renewed Interest on Bicycle Facilities at State Level and Local Level
- ▶ Complete Streets

Common Bicyclist Challenges

- Signals Cannot Detect Bicycles
- Network Connectivity
- Guide Signing
- Double Right Turn Lanes
- Major Arterials / High Speeds

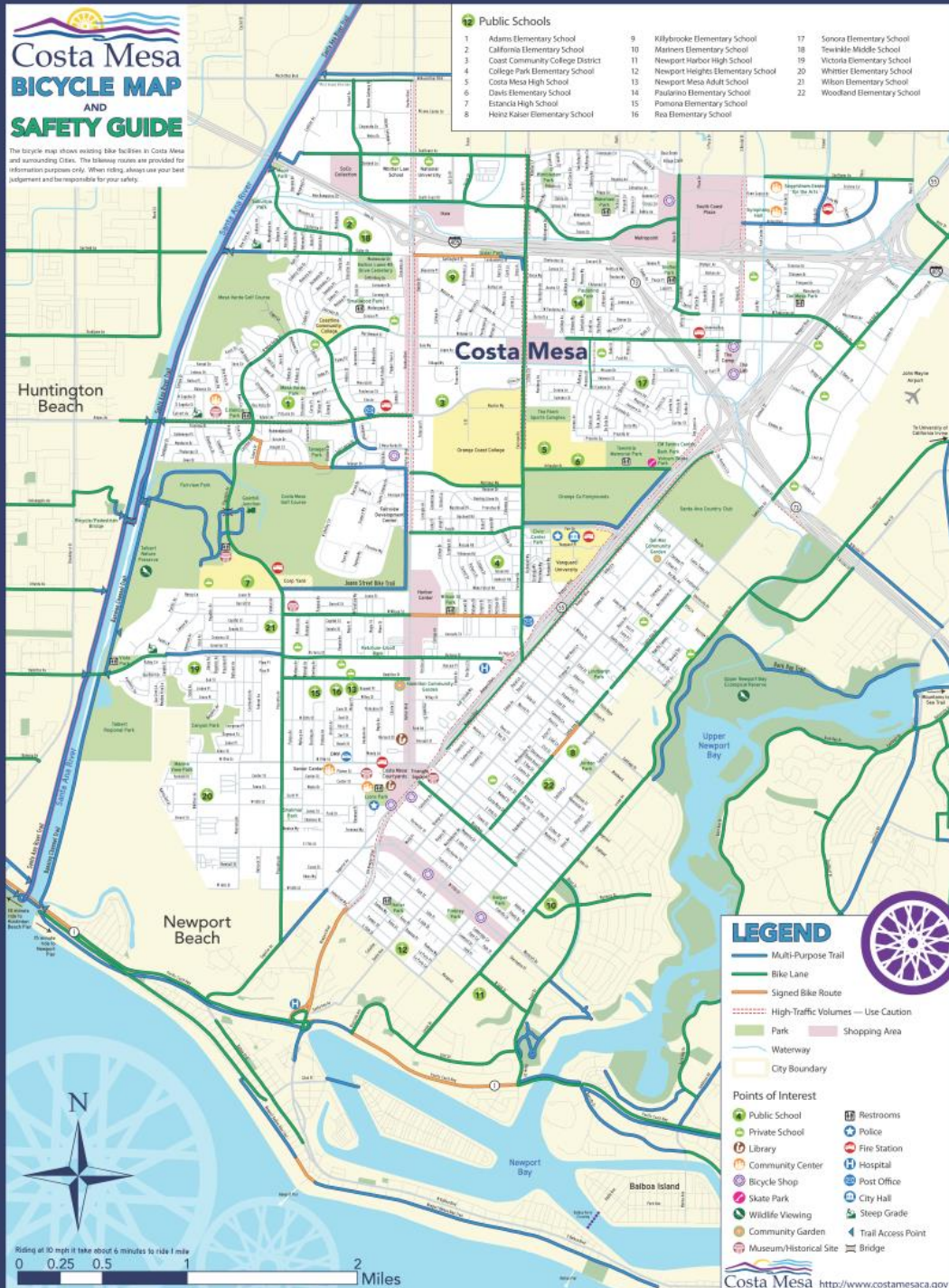
Bicycle Facility Ideas for Built Communities

- ▶ Improve Bicycle Connectivity
- ▶ Update General Plan Policies
- ▶ Restripe to Narrow Lanes
- ▶ Prohibit Parking, if Possible
- ▶ Don't Discount Class III Facilities
- ▶ Tailor to Existing Funding Sources
- ▶ Look for Road Diets

Costa Mesa BICYCLE MAP AND SAFETY GUIDE

The bicycle map shows existing bike facilities in Costa Mesa and surrounding cities. The following notes are provided for information purposes only. When riding, always use your best judgment and be responsible for your safety.

- ### Public Schools
- | | | |
|------------------------------------|--------------------------------------|-------------------------------|
| 1 Adams Elementary School | 11 Newport Harbor High School | 17 Sonoma Elementary School |
| 2 California Elementary School | 12 Newport Heights Elementary School | 18 Tustin Middle School |
| 3 Coast Community College District | 13 Newport Mesa Adult School | 19 Victoria Elementary School |
| 4 College Park Elementary School | 14 Paulina Elementary School | 20 Wheeler Elementary School |
| 5 Costa Mesa High School | 15 Pomona Elementary School | 21 Wilson Elementary School |
| 6 Davis Elementary School | 16 Rea Elementary School | 22 Woodland Elementary School |
| 7 Estancia High School | | |
| 8 Heinz Kaiser Elementary School | | |



LEGEND

- Multi-Purpose Trail
- Bike Lane
- Signed Bike Route
- High-Traffic Volumes — Use Caution
- Park
- Waterway
- City Boundary
- Shopping Area

Points of Interest

- Public School
- Private School
- Library
- Community Center
- Bicycle Shop
- Skate Park
- Wildlife Viewing
- Community Garden
- Museum/Historical Site
- Restrooms
- Police
- Fire Station
- Hospital
- Post Office
- City Hall
- Sleep Grade
- Trail Access Point
- Bridge

Riding at 10 mph it takes about 6 minutes to ride 1 mile

0 0.25 0.5 1 2 Miles