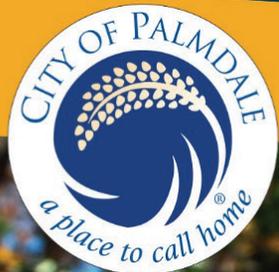


ACTIVE TRANSPORTATION PROGRAM

December 17, 2015



ACTIVE TRANSPORTATION PROGRAM



CITY OF PALMDALE

Bicycle Transportation Plan Update Community Workshop

About us

Kimley»»Horn

- full service engineering, planning, and environmental consulting firm
- numerous specializations, including transportation planning & design

ryan snyder
associates

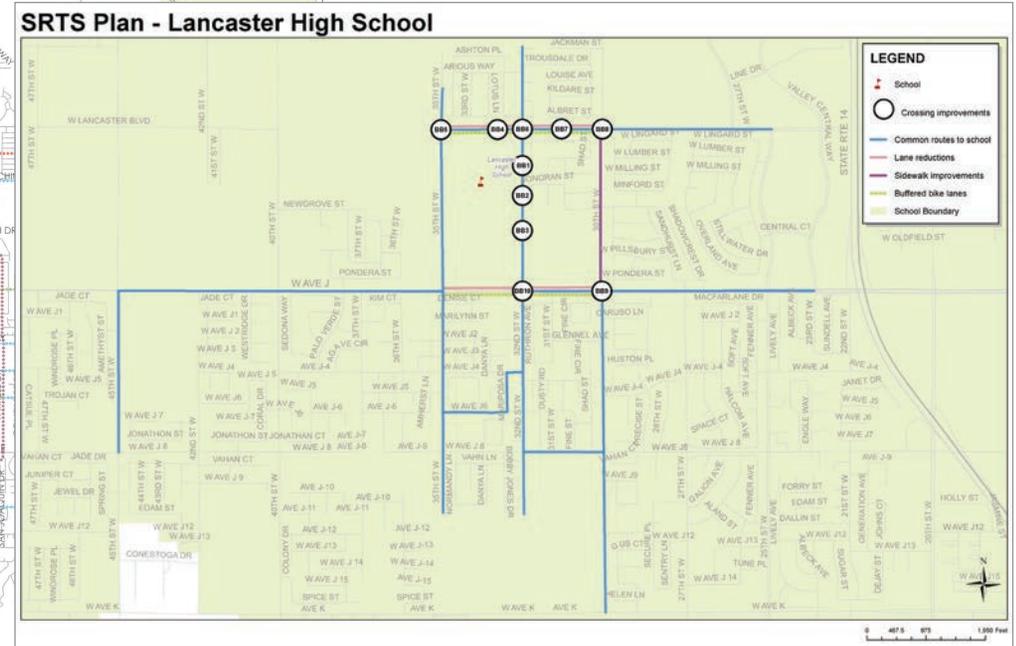
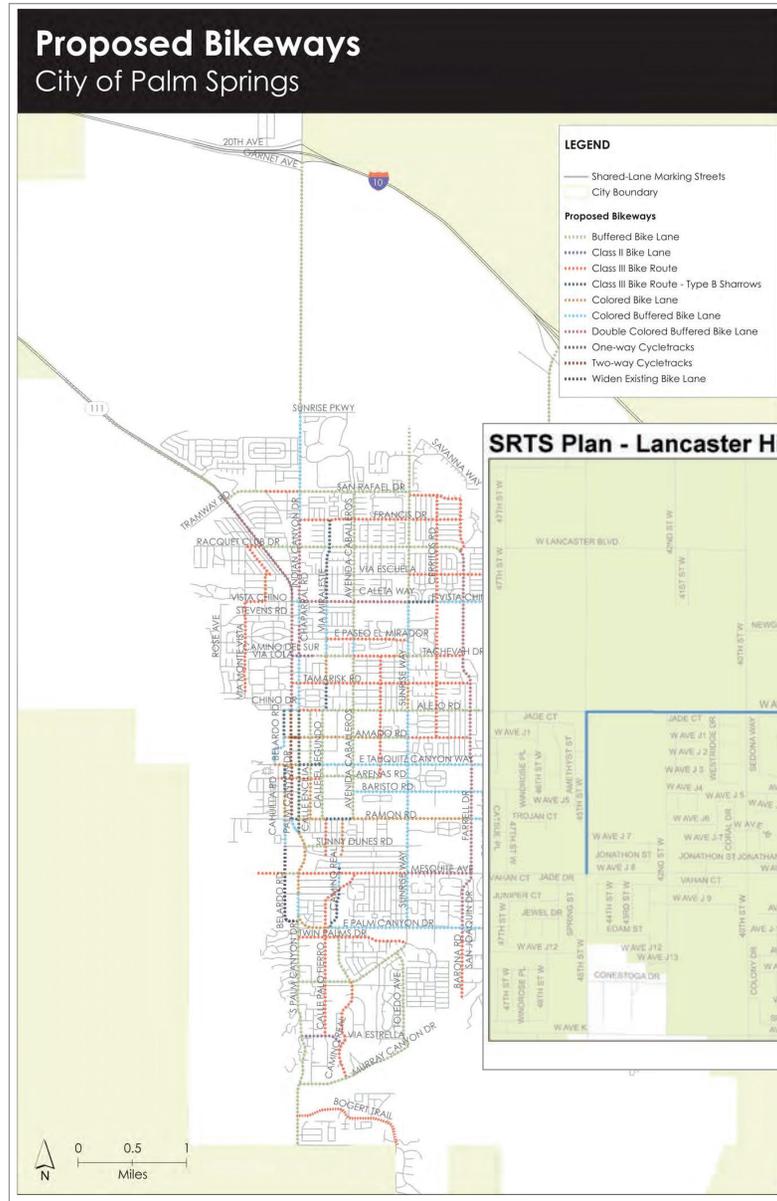


- active transportation planning consultants
- specialization in bicycle planning, safe routes to school planning, & pedestrian planning



Sample Active Transportation / Safe Routes to School Plans

- Lancaster
- Riverside
- Imperial County
- Coachella Valley
- Palm Springs
- Burbank
- Glendale



Scope of the Plan

- Update the City of Palmdale's 2006 Bicycle Transportation Plan (BTP)
- Plan to create safe, attractive, and convenient bikeway facilities
- Plan to encourage more bicycling and non-vehicular mobility
- Plan for bicycle parking, links to transit, amenities
- Plan programs
- Plan with funding and implementation in mind

Bicycle Transportation Plan Schedule



**1st
Community
Workshop**

December 17, 2015
(today)



**2nd
Community
Workshop**

Spring 2016



**Final
Community
Workshop**

Summer/Fall 2016

Bikeway Types

- **Class I - bike paths**
- **Class II bike lanes**
- **Class III - signed routes**
- **Colored bike lanes**
- **Protected bike lanes**
- **Buffered bike lanes**
- **Bike boulevards**

Bikeway Types

- **Class I - bike paths**
- Class II bike lanes
- Class III - signed routes
- Colored bike lanes
- Protected bike lanes
- Buffered bike lanes
- Bike boulevards



- 8' - 12' wide
- Signing is important
- Exclusive rights-of-way

Bikeway Types

- Class I - bike paths
- **Class II bike lanes**
- Class III - signed routes
- Colored bike lanes
- Protected bike lanes
- Buffered bike lanes
- Bike boulevards



- 5' to 6' wide
- Marked with symbol and/or text
- May have two stripes

Bikeway Types

- Class I - bike paths
- Class II bike lanes
- **Class III - signed routes**
- Colored bike lanes
- Protected bike lanes
- Buffered bike lanes
- Bike boulevards



- Where bike lanes do not fit
- Signs only
- Enhanced by sharrows and/or destination signs
- Carefully selected
- Accelerated pavement maintenance

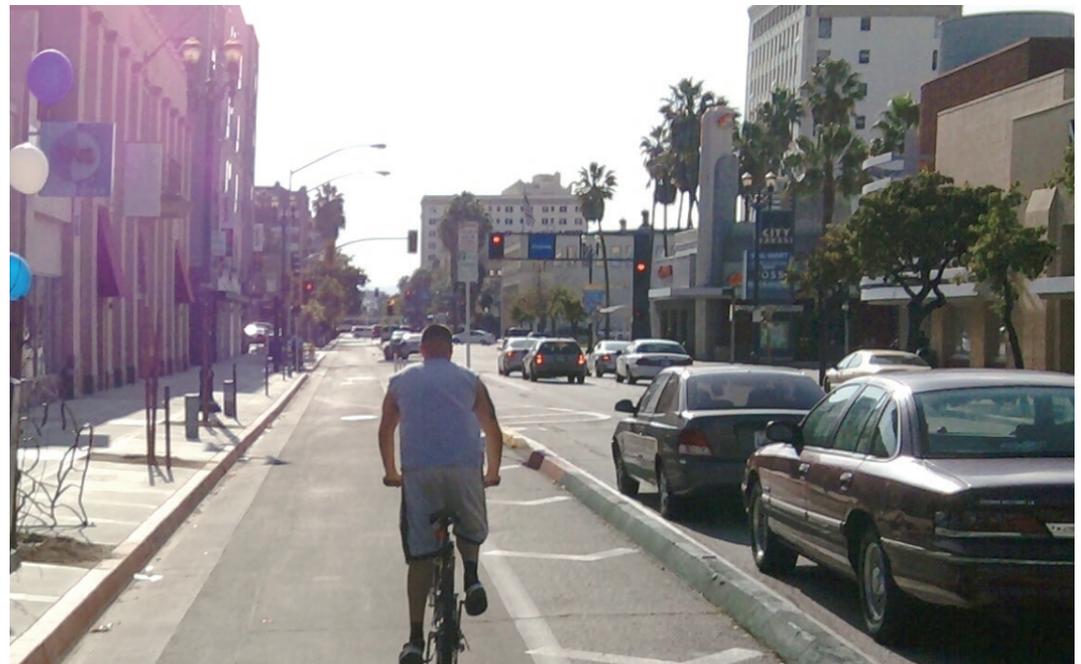
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- Through streets for bikes, not for cars
- Barriers with signals, bridges, curb extensions, medians, etc.
- Traffic calming

Other Bikeway Tools

- **Traffic circle**



Other Bikeway Tools

- Road diet



This 5-lane Main Street was converted to...



a 3-lane street



Other Bikeway Devices



Berkeley

Wayfinding Signs



Santa Monica

Loop Detectors



San Francisco

Floating Bike Lane

Other Bikeway Devices



Greenback Sharrow

San Francisco

Other Bikeway Devices



Bike Boxes

Portland

Other Bikeway Devices

Colored Conflict Zone

Seattle



Other Bikeway Devices



Bike Boulevard

Vancouver

Other Bikeway Devices



Wayfinding Signs
Vancouver

Other Bikeway Devices



Vancouver

Other Bikeway Devices



Wayfinding Signs

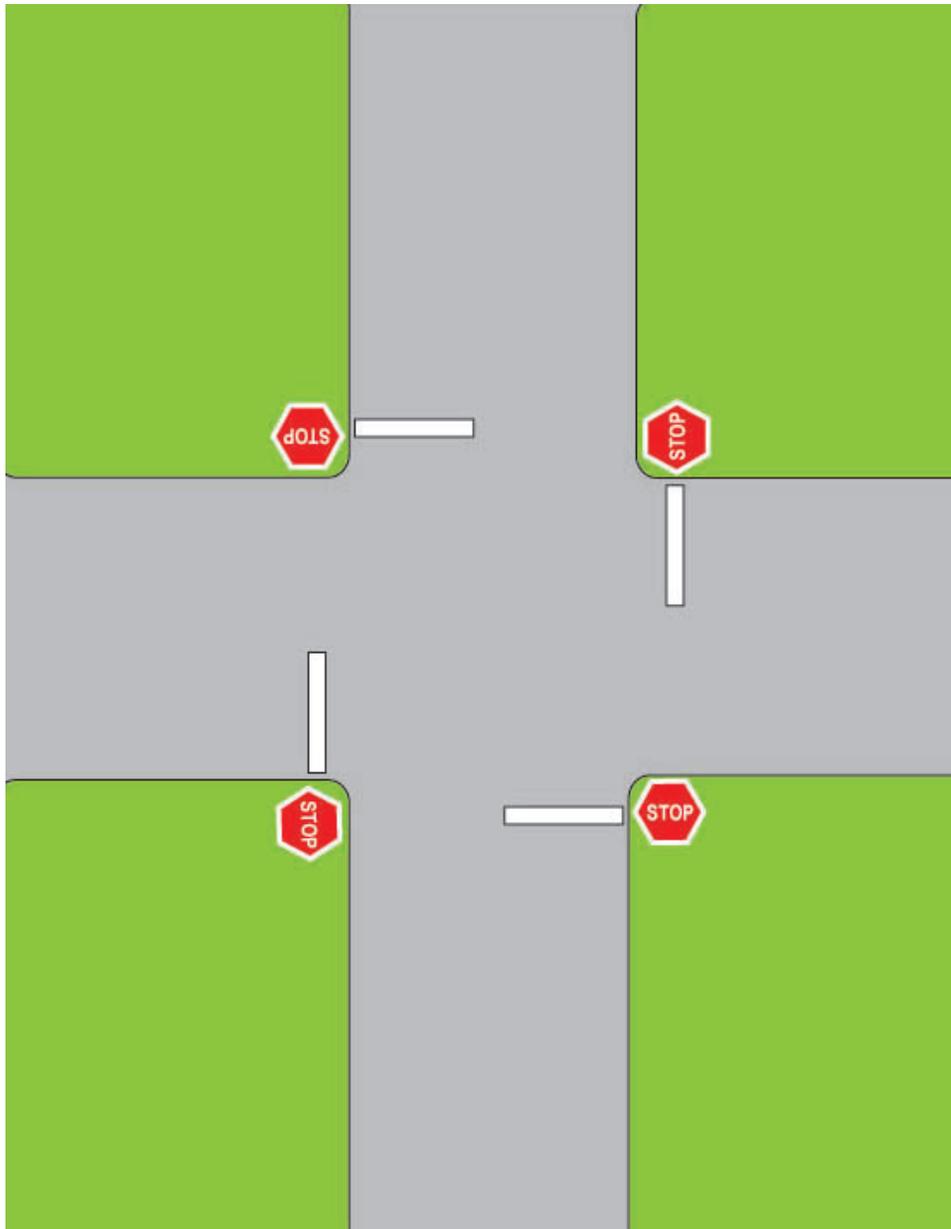
Vancouver

Other Bikeway Devices

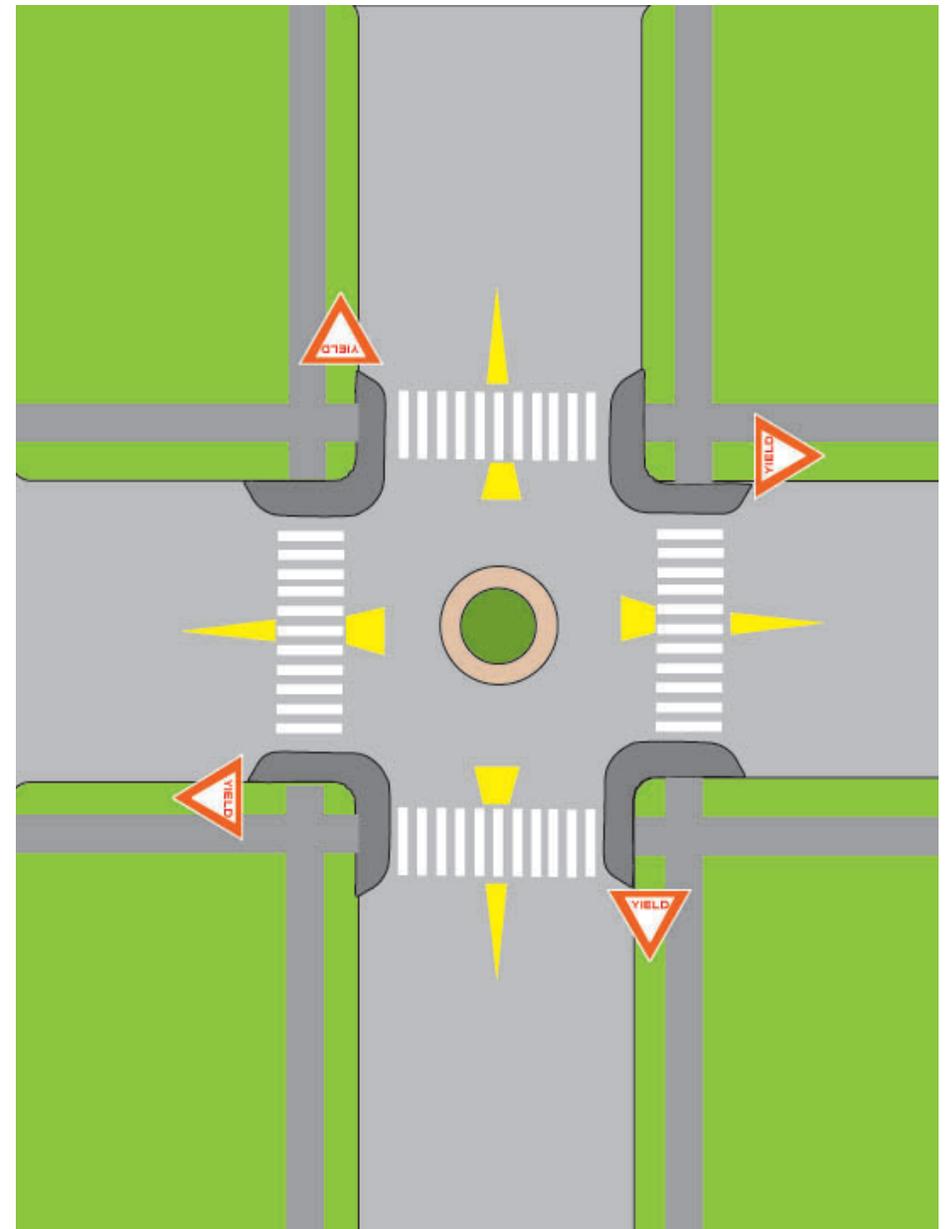


Traffic Circle
Vancouver

Other Bikeway Devices



Existing



Proposed

Bicycle Parking

- Bike racks
- Bike lockers



Bicycle Parking Location

- Dispersed
- Close to destinations
- Convenient to the door
- Visible
- Good spacing between bikes



Bicycle Parking Types

- Inverted U-Rack



Bicycle Parking Types

- “Bike” Bike Rack



Bicycle Parking Types

- **Bike Corral**



Bicycle Parking Types

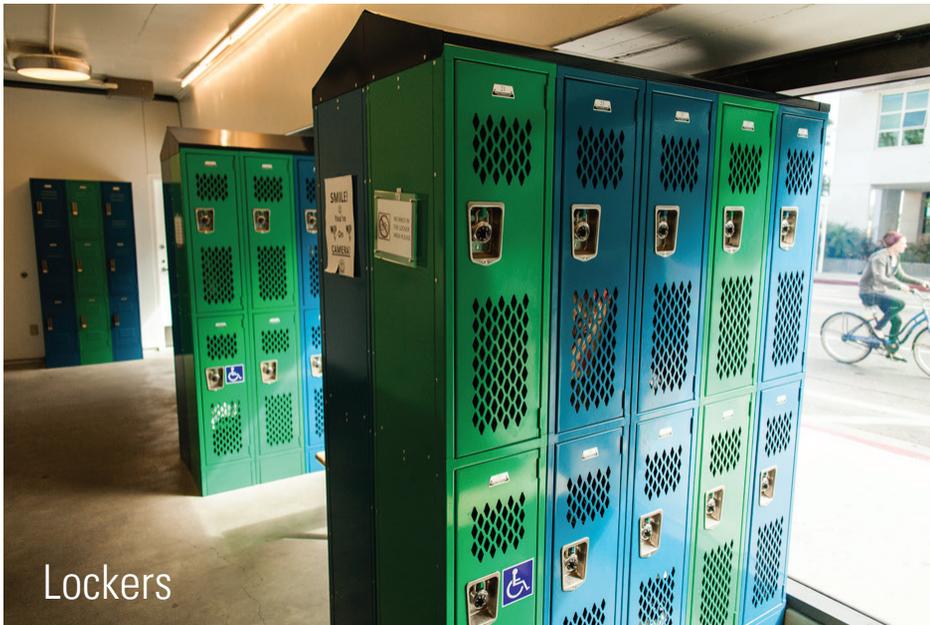
- **Bike Lockers**



End of Trip Amenities



Showers



Lockers



Repair Stations

Transit Links

- On front of bus
- Inside bus or train
- Parking at stop or station



Educational Programs



Promotional Campaigns



Promotional Campaigns



Los Angeles

Promotional Campaigns



Los Angeles

Questions?

**Consultant Team:
Kimley-Horn
Ryan Snyder Associates**