





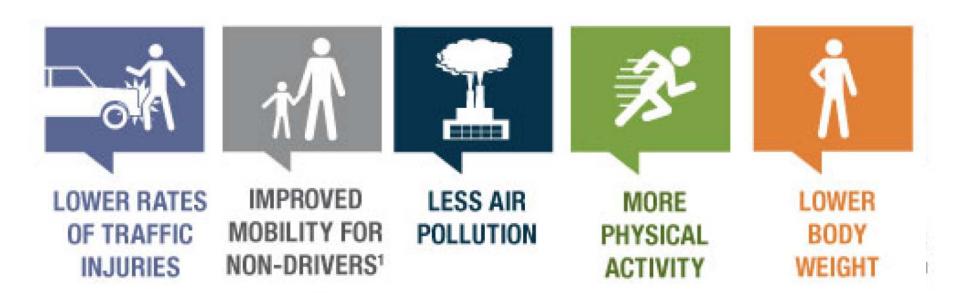




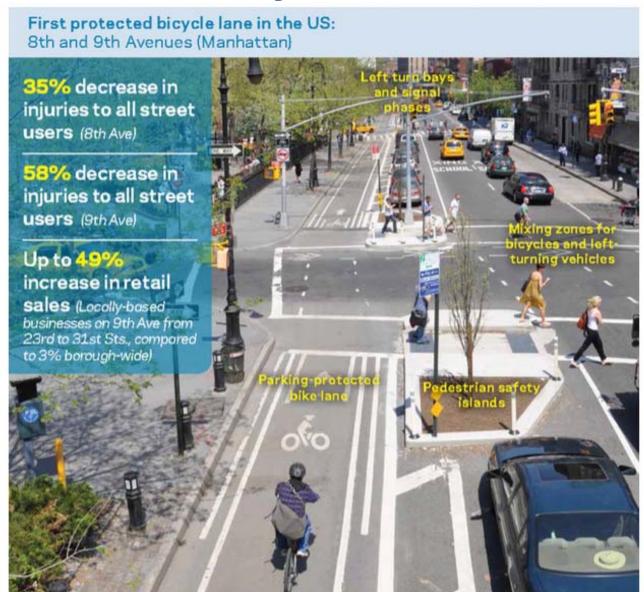
So... Why are better bikeways important?

Rationale for Better Bikeways

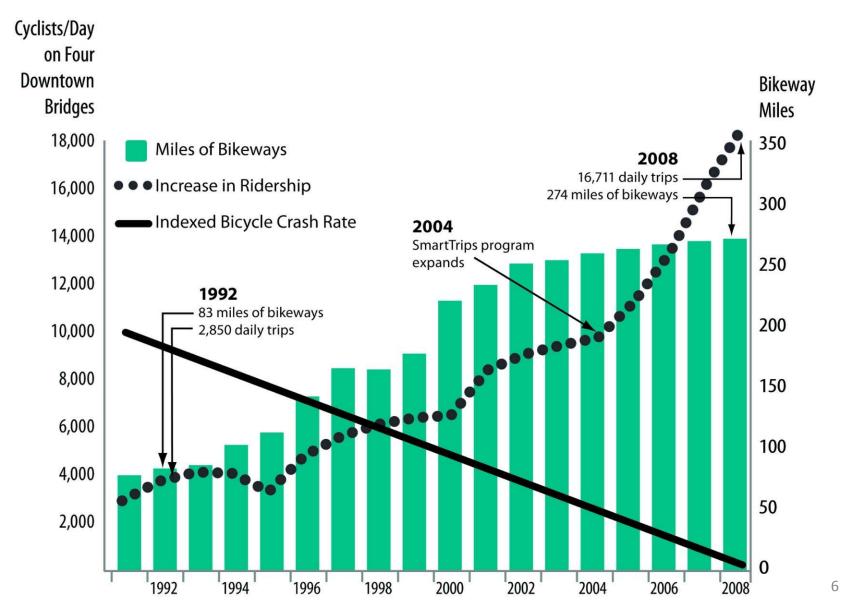
Walkable, bikable, transit-oriented communities are associated with healthier populations that have:



Safety Benefits



Safety Benefits



Mobility & Livability Benefits



- Social interaction
- More 'eyes on the street'
- Reduce isolation for nondriving children & seniors



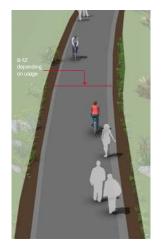


Who are we planning for?

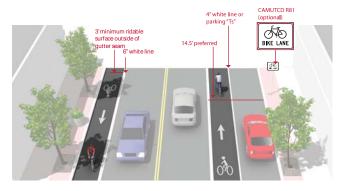
TYPES OF CYCLISTS

STRONG AND FEARLESS **ENTHUSIASTIC AND** INTERESTED BUT CONCERNED NO WAY, NO HOW CONFIDENT Bicyclists in this group likely rode This population group Strong and fearless a bike as a kid and may own a is either unable to ride These bicyclists may ride in bicyclists will bicycle on bike new, but may not ride for areas where they have to share a bicycle, or is simply almost any road, transportation. This group the road with vehicles, but not interested in regardless of roadway often prefer te ride en streets typically enjoys biking bicycling regardless of condition and presence designed for bicycles. accasionally for recreation. the existence of a of bike facilities. Biking on major streets is avoided. bikeway network. WHERE DO YOU PLACE YOURSELF ON THE SPECTRUM?

BICYCLE FACILITY TYPES



CLASSI SHARED USE PATH



CLASSII BIKE LANE



CLASSIII BICYCLE BOULEVARD



CLASSIV BUFFERED BIKE LANE



least protected

Shared Lane Shoulder **Buffered Bike** Cycle Track: One-Cycle Track: One-Cycle Track: One-Bike Markings Bikeway or two-way, ator two-way, raised Lane or two-way, Lane grade, protected with mountable curb separated with parking curb have 4:1 slope edge Bike Travel Lane Travel Lane Shoulder Walk Travel Lane Walk Parking Lane Walk Travel Lane Walk Walk Walk Travel Lane Lane Lane Travel Lane Lane TYPICAL APPLICATION Additional ROW*: 12' Additional ROW*: 8'-14' Additional ROW*: 14' - 20' Additional ROW*: 14' - 20' Additional ROW*: 13'-17' Additional ROW*: 12'-14' Additional ROW*: None Traffic Volume: <= 10,000 Traffic Volume: >= 3,000 ADT Traffic Volume: >= 10,000 ADT Traffic Volume: <= 3,000 ADT Traffic Speed: >= 25mph Traffic Speed: >= 25mph Traffic Speed: >= 40mph Traffic Speed: >= 40mph Traffic Speed: >= 40mph Traffic Speed: <= 30 mph Traffic Speed: No Restriction Context: Urban, Suburban, Rural Context: Urban, Suburban, Rural Context: Urban/Suburban Context: Urban/Suburban Context: Urban/Suburban Context: Urban/Suburban Context: Rural

most protected

Sidewalks provide comfort level to many users, but...













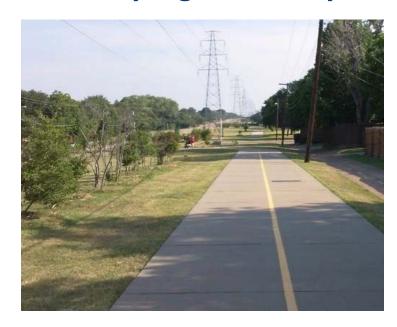
'State of the Art' Bike Facilities

Class I

Transportation Corridors



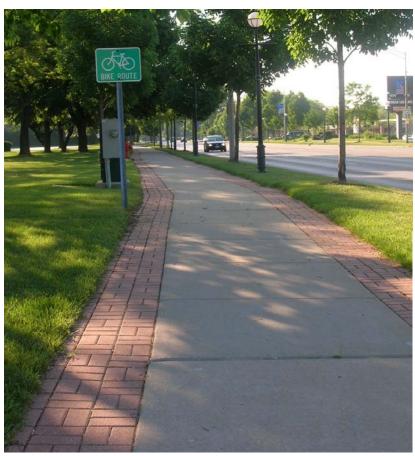
Utility Rights-of-Way



Class I

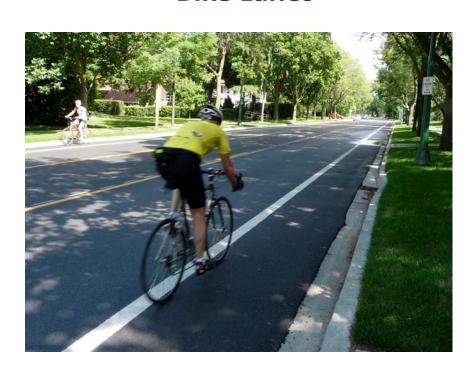
Sidepaths





Class II

Bike Lanes



Green Bike Lanes



Class II

Buffered Bike Lanes



Buffered Green Bike Lanes



Class II



Green Paint at Conflict Points



Class III

Green Enhanced Sharrows



Green Sharrow Lanes



Class III

Bike Boulevards



Bike Friendly Streets



Class IV

Protected Bike Lanes



Elevated Bike Lanes



Other On-Street Treatments

Bike Boxes



Bike Signal Detection



Bike Parking

On-Street Corrals



Transit Station Bike Lockers



The OC Foothills Bike Collaborative Process

Target Audiences



Parents

Schools

Bicycle commuters

Bicycle shops

Bicycle advocates

Walking groups

Multicultural communities

Disadvantaged communities

Public Participation











ROUNDTABLE DISCUSSION

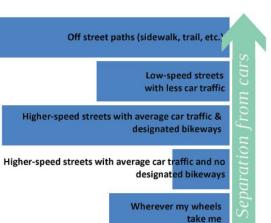
IMAGINE YOUR COMMUNITY BY BIKE

June 4, 5:30-7:30pm Irvine City Hall 1 Civic Center Plaza, Irvine, CA 92606

Please join us for a community roundtable discussion about efforts to improve regional connectivity for bicycling in the foothills areas of Orange County*. Provide feedback on the proposed regional bikeways network and how projects should be prioritized. To RSVP and keep up-to-date on this planning effort, please visit www.octa.net/bikeways.

'STUDY AREA INCLUDES:

ANAHEIM HILLS, IRVINE, ORANGE, TUSTIN, VILLA PARK, AND YORBA LINDA.





WHAT KIND
OF BIKE
ARE YOU?

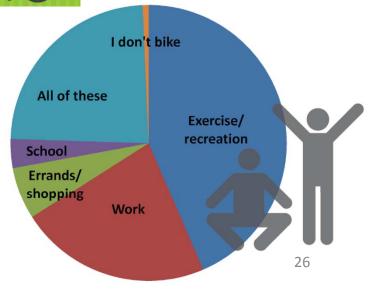
Less than 3 mi (less than 20 mins)

7-9 mi (40-60 mins)

4-6 mi (20-40 mins)

More than 10 mi (more than 1 hr)





Project Development Team

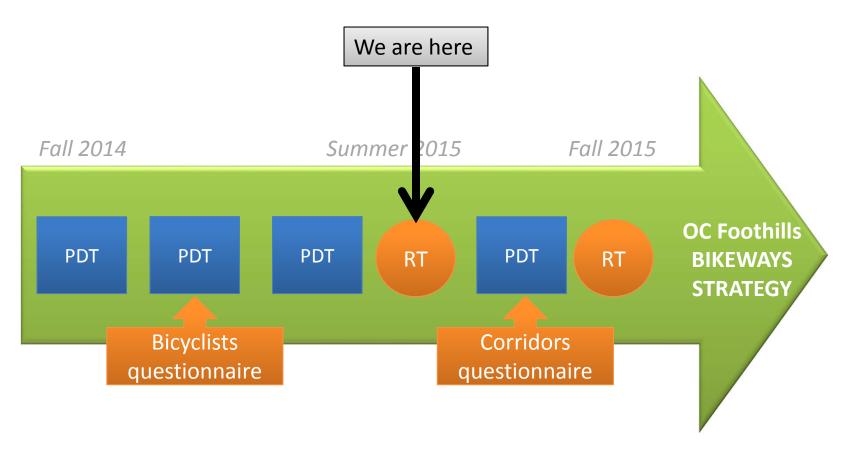
- City / Agency Planners and Engineers
 - Technical perspective
 - Potential project sponsors







Schedule



PDT: project development team RT: public roundtable discussion

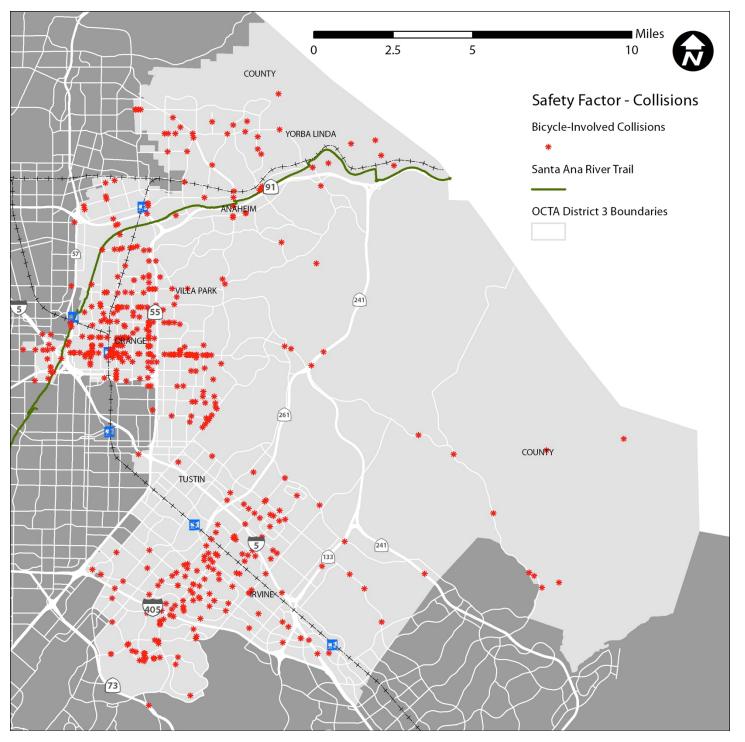
Developing the Draft Corridors

Evaluation Criteria

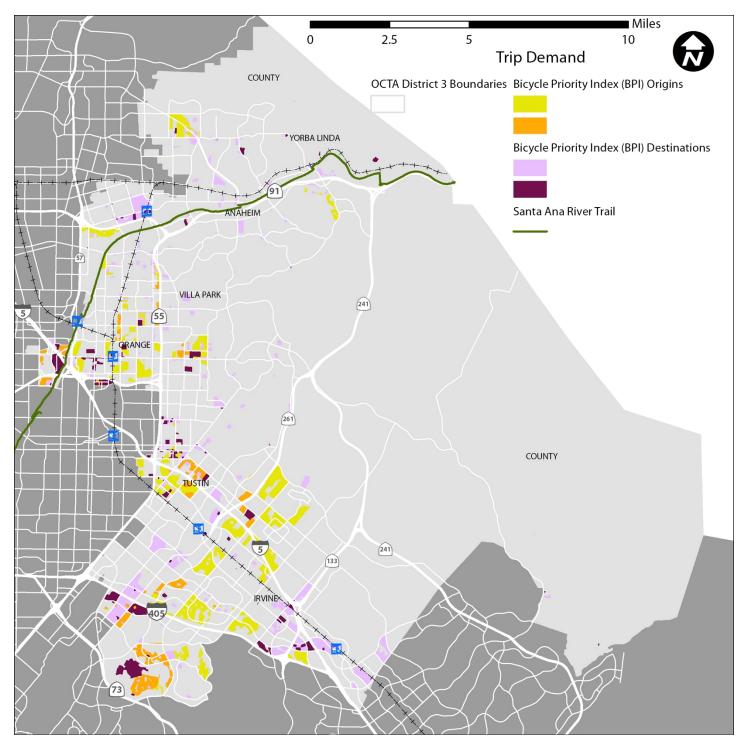
- Safety Needs
 - (Collisions & Traffic Stress)
- Public support
- Trip Demand
- Ease of Implementation
- Bikeway Completion
- Cost per Benefits
- Avoids Steep Hills
- Socially Disadvantaged Areas



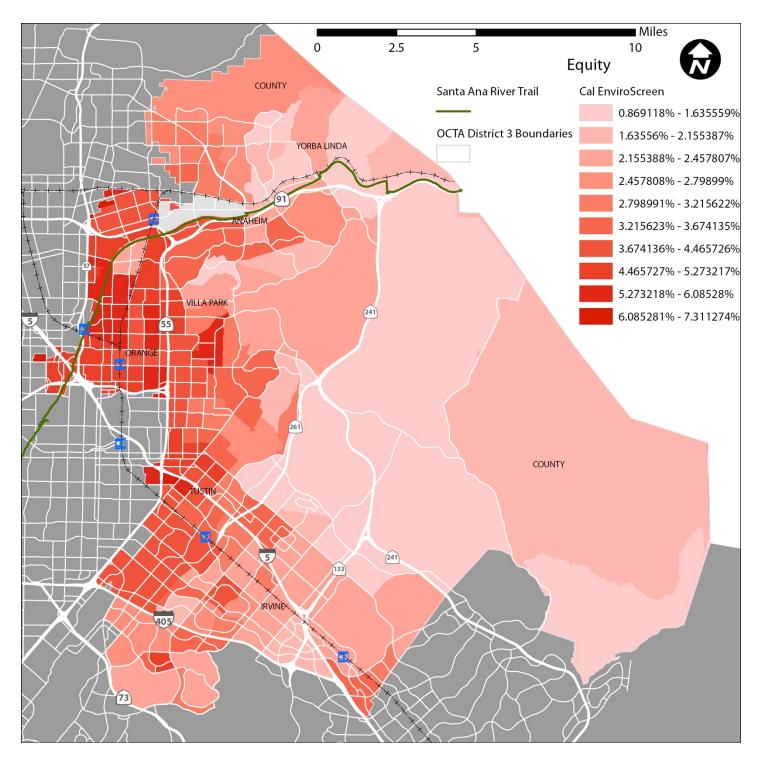
Bikeway Completion



Bicycle-Involved Collisions



Trip Demand



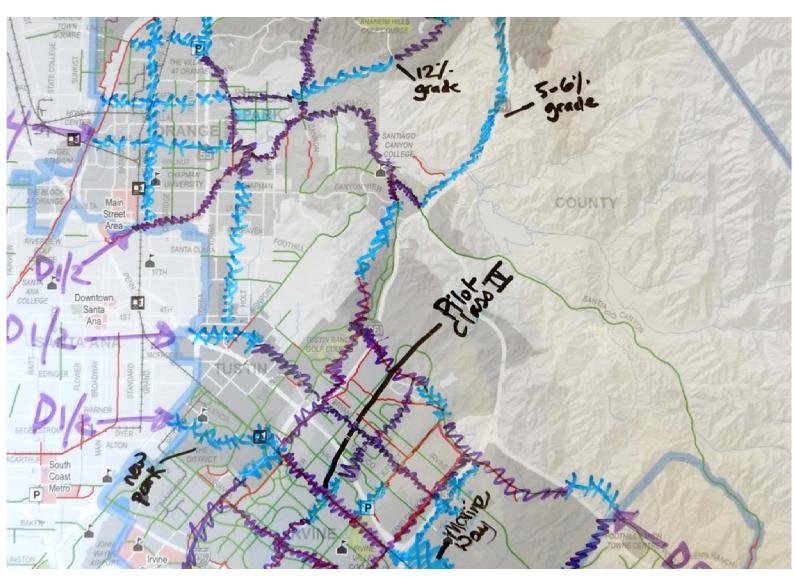
Disadvantaged Areas

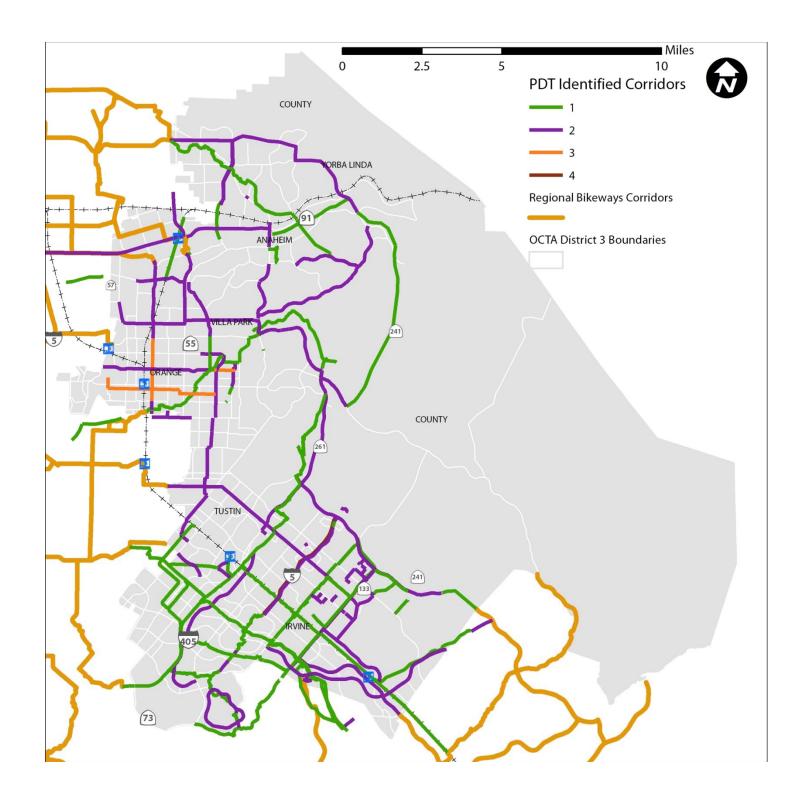
Why Weight?

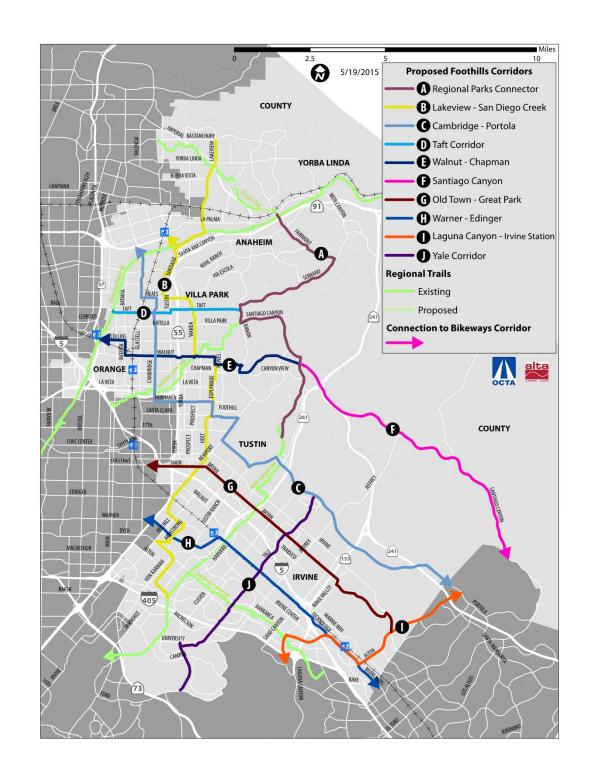
Draft Evaluation Criteria

Rank	Criterion	Weight
1	Safety Needs (Collisions & Traffic Stress)	29%
2	Public support	14%
3	Trip Demand	13%
4	Ease of Implementation	11%
5	Bikeway Completion	10%
6	Cost per Benefits	10%
7 (tie)	Avoids Steep Hills	6%
7 (tie)	Disadvantaged Areas	6%

Working Maps

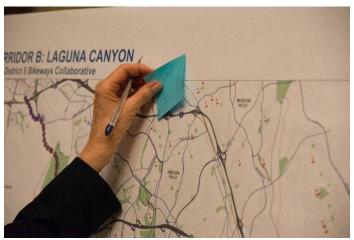






Breakout Discussion





- Are there other key destinations that are popular in the community?
- Are there intersections or barriers that are difficult to cross?
- What type of facility would you like to see along each corridor?

Next Steps

- Finalize regional bike corridors and criteria
- Review draft ranking of corridors at another Roundtable Discussion in Fall 2015

Support regional bikeway implementation!



www.octa.net/bikeways