



Charlotte Bikes

Planning Commission

February 6th, 2017

Ben Miller, AICP
Bicycle Program Coordinator

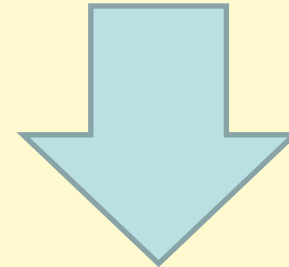


What is Charlotte Bikes?



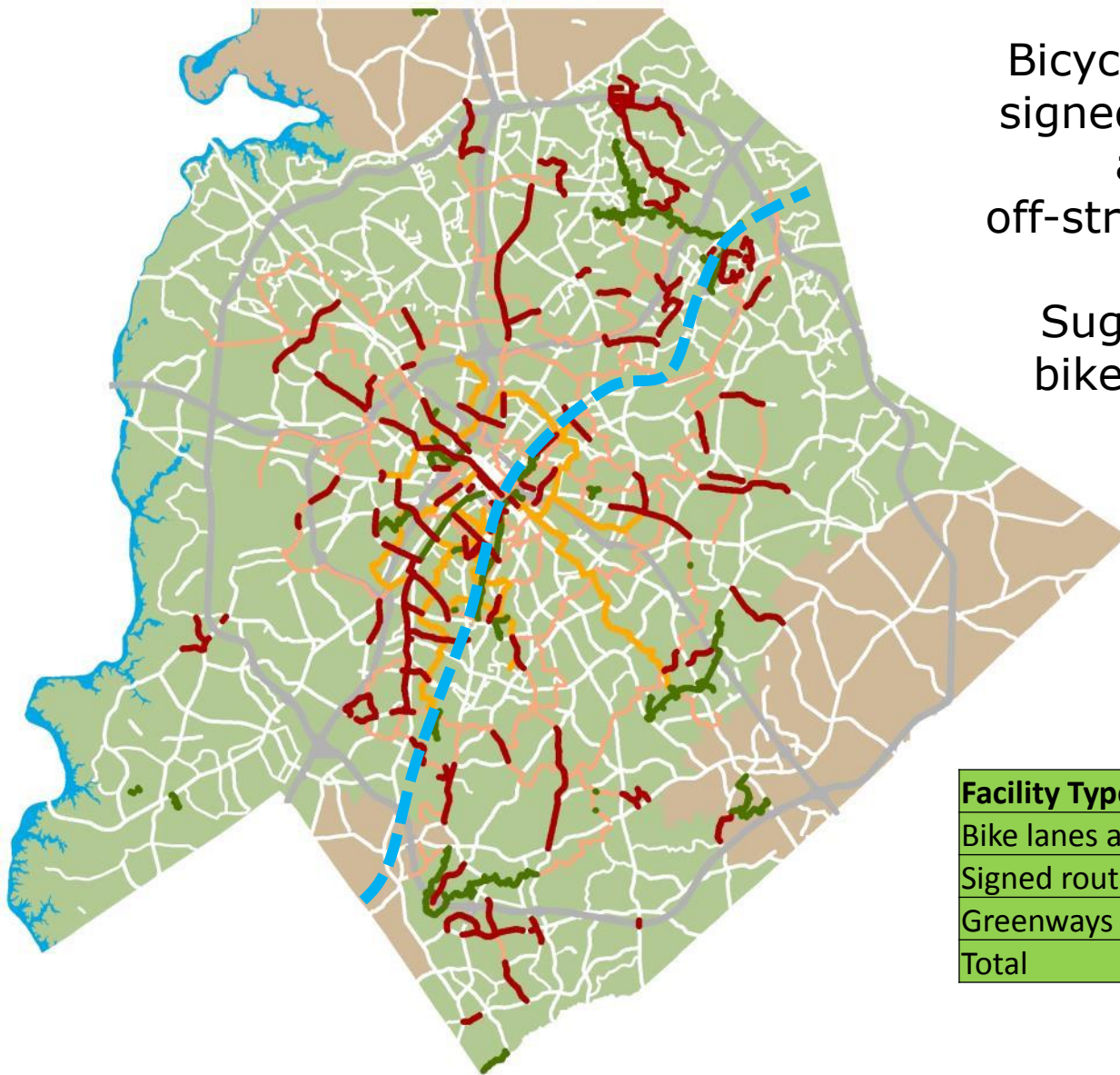
Transportation Action Plan

- *Sets a multi-modal vision*
- *Defines goals, objectives, policies, and projects for Charlotte*



Charlotte Bikes

- *Update to 2008 Bicycle Plan*
- *Identifies strategies for bicycling*
- *Offers 3 KEY THEMES*



Bicycle lanes,
signed routes,
and
off-street paths
+
Suggested
bike routes

Facility Type	Miles
Bike lanes and paved shoulders (>3')	102
Signed routes	55
Greenways and off-street paths	44
Total	201



Charlotte Bikes: Three Key Themes

1. Address all of the essential elements of a bicycle-friendly community
2. Create an inclusive bicycling environment
3. Modernize the bikeway design toolbox



The Six “E’s” of a Bicycle Friendly Community

- Equity
- Engineering
- Education
- Encouragement
- Enforcement
- Evaluation/Planning

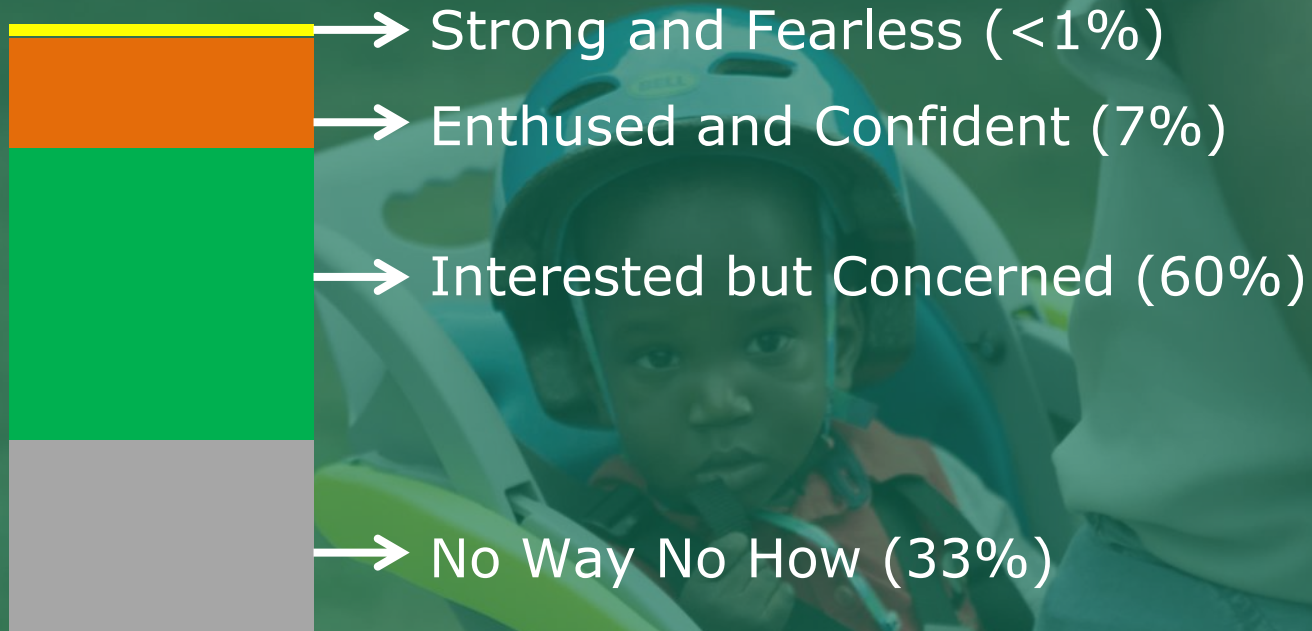


Equity

Charlotte will offer an inclusive cycling environment, where people of all ages and abilities can use their bikes for transportation, fitness and fun. The City will work to extend bicycle infrastructure, educational opportunities, and promotional events to all neighborhoods and households, striving for equitable, affordable mobility options that improve city-wide public health, support the local economy, and reduce automobile dependency in the Queen City.

- draft CLT Bikes Vision Statement

What's Inclusive?



62 percent of residents do not think it is easy to bicycle, but

51 percent of residents would like to bicycle more than they do.

- 2016 Charlotte DOT Transportation Survey

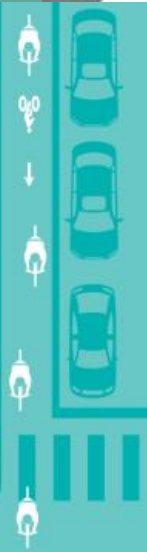
Engineering – Modernizing the Bikeway Design Toolbox



Urban Bikeway Design Guide

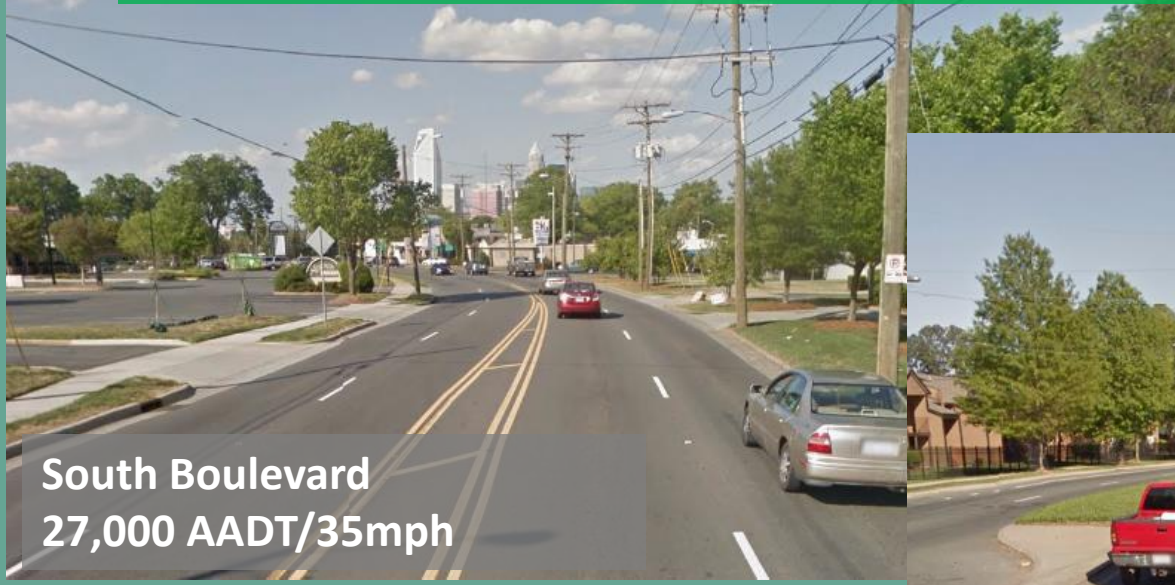
National Association of
City Transportation Officials

Second Edition



Engineering – A Key Question

On a typical thoroughfare in Charlotte....



South Boulevard
27,000 AADT/35mph



Central Avenue
26,000 AADT/35mph



Beatties Ford Road
29,000 AADT/35mph

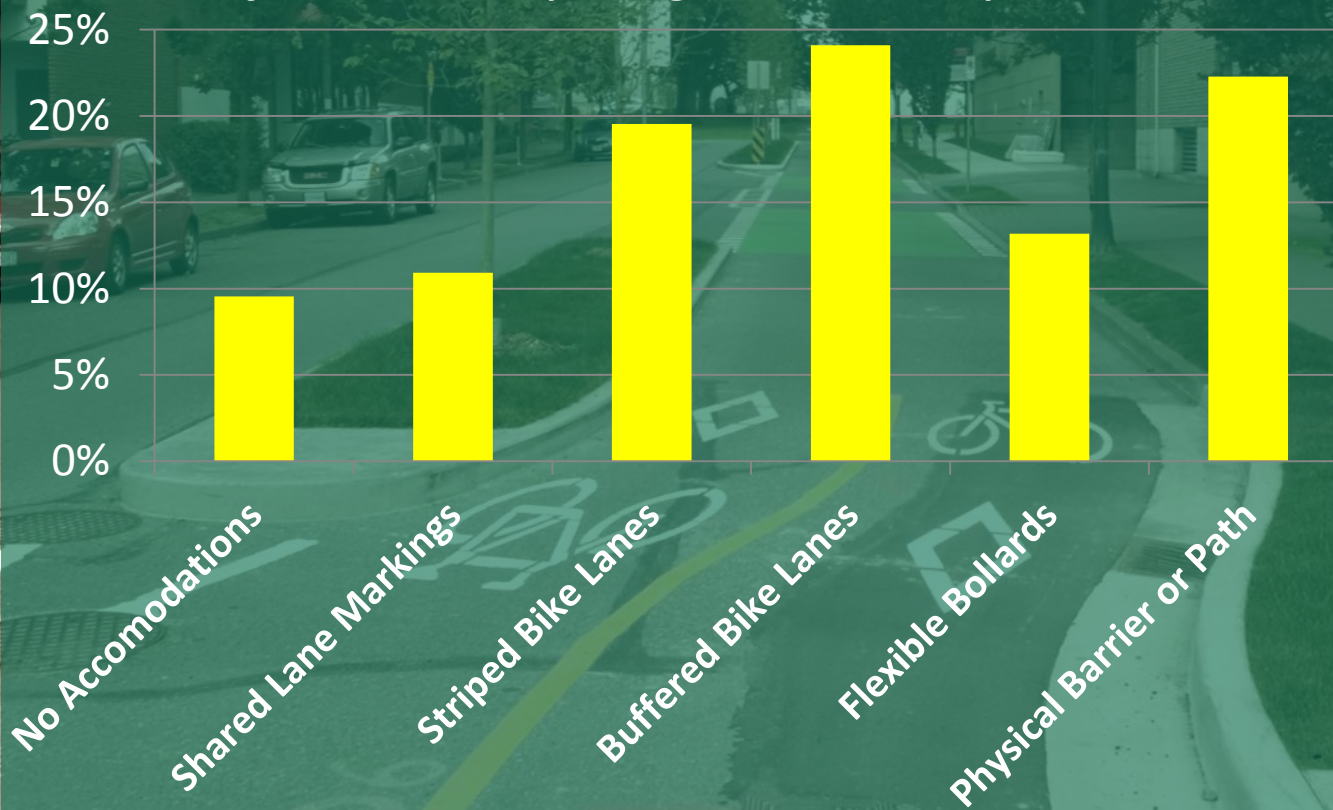
Engineering – A Key Question

What type of bicycle facility would make you feel comfortable?



Results

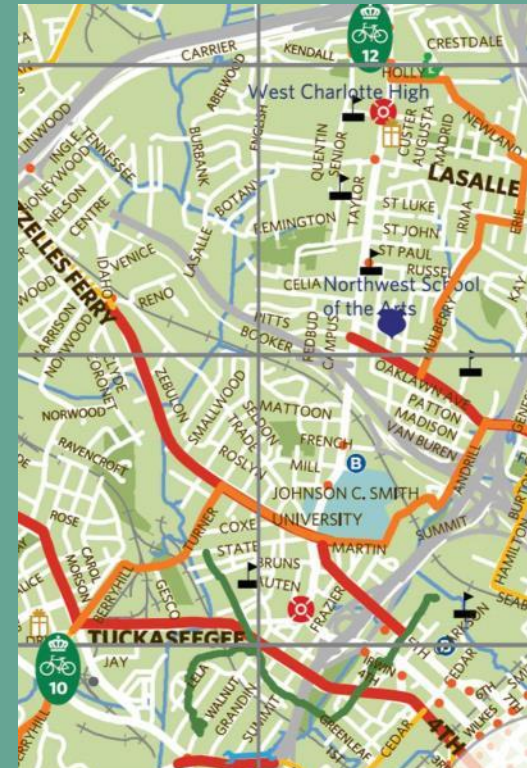
What facilities are needed to make Charlotteans comfortable bicycling on our busy streets?



Engineering Strategies



Education Strategies



Encouragement Strategies

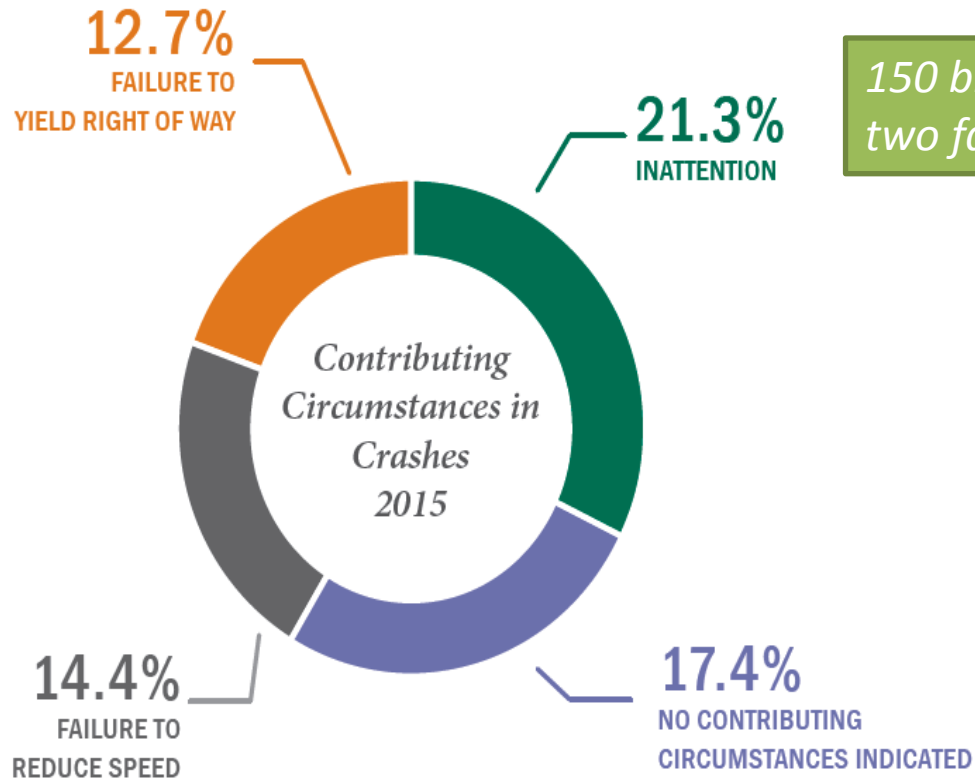


**CHARLOTTE
SPOKES
PEOPLE**

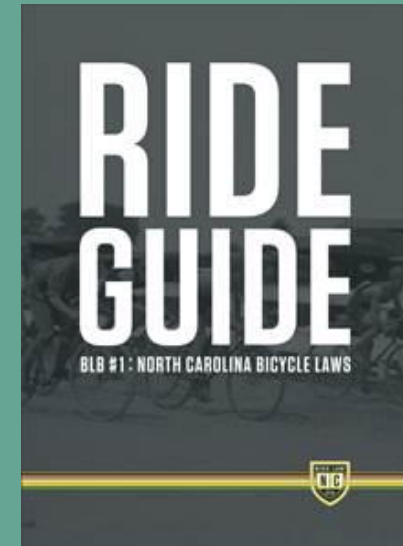


OPENSTREETS704
a day of car(e) free streets

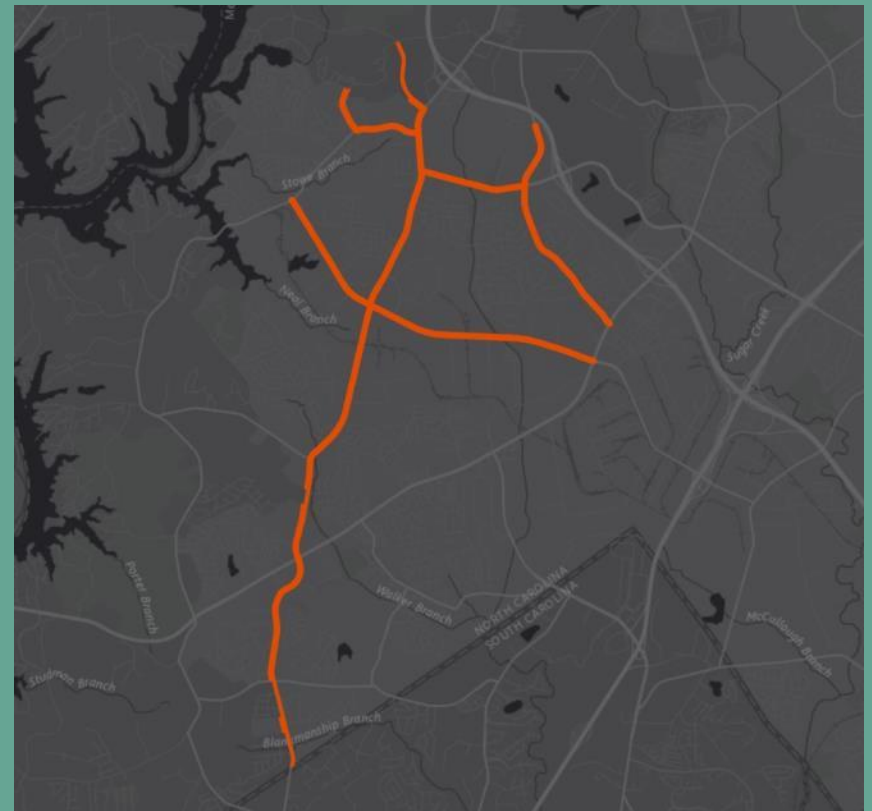
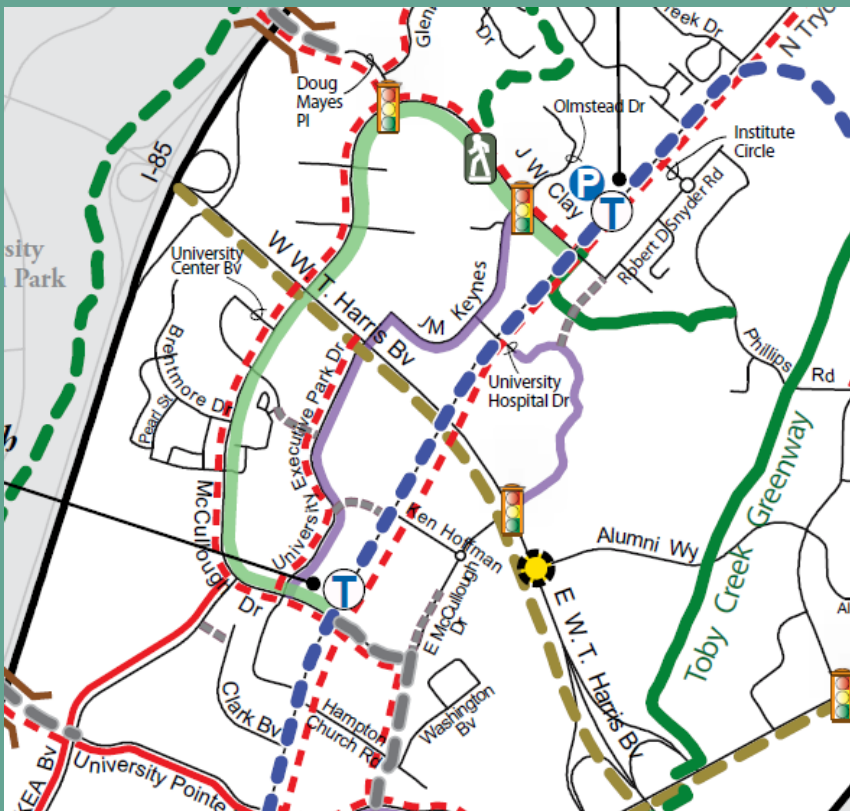
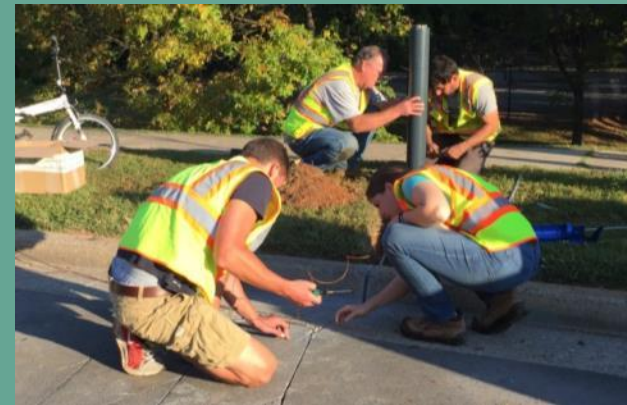
Enforcement Strategies



150 bicycle crashes and two fatalities in 2015



Evaluation/Planning Strategies



A large, diverse group of people, mostly young adults, are gathered on a paved area in front of a large, multi-story brick building with a central arched doorway. They are all wearing blue helmets and are riding blue bicycles with white baskets. Many of them have their arms raised in the air, suggesting a celebratory or enthusiastic gathering. The scene is set outdoors with green trees and bushes visible. The word "Questions?" is overlaid in the center of the image in a large, white, rounded font with a green outline.

Questions?