



Complete Streets Summit

Charlotte, NC
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Ken Tippette
Charlotte Dept of
Transportation





Today's Presentation

- Background
- Growing Our Bicycle Network
- Types of Facilities
- Factors We Consider
- Partnerships

What are we trying to achieve?





What Are We Trying to Avoid?

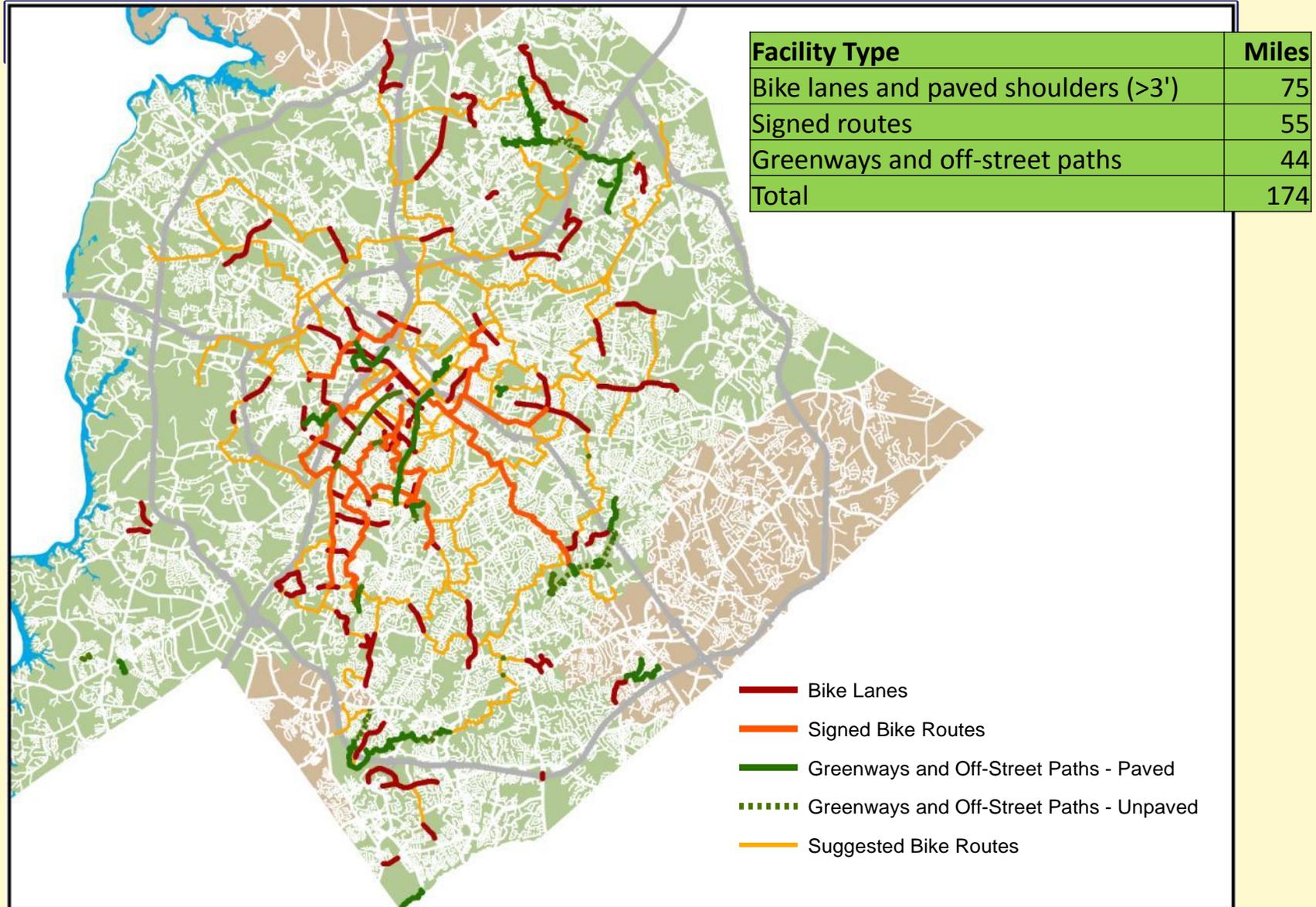


How We Grow Our Network

- Signed bike routes on lower volume/speed streets
- Bike lanes or multi-use paths on higher volume/speed streets
- Greenways and bike/ped connections
- Other network facilities



Growing the Bicycle Network

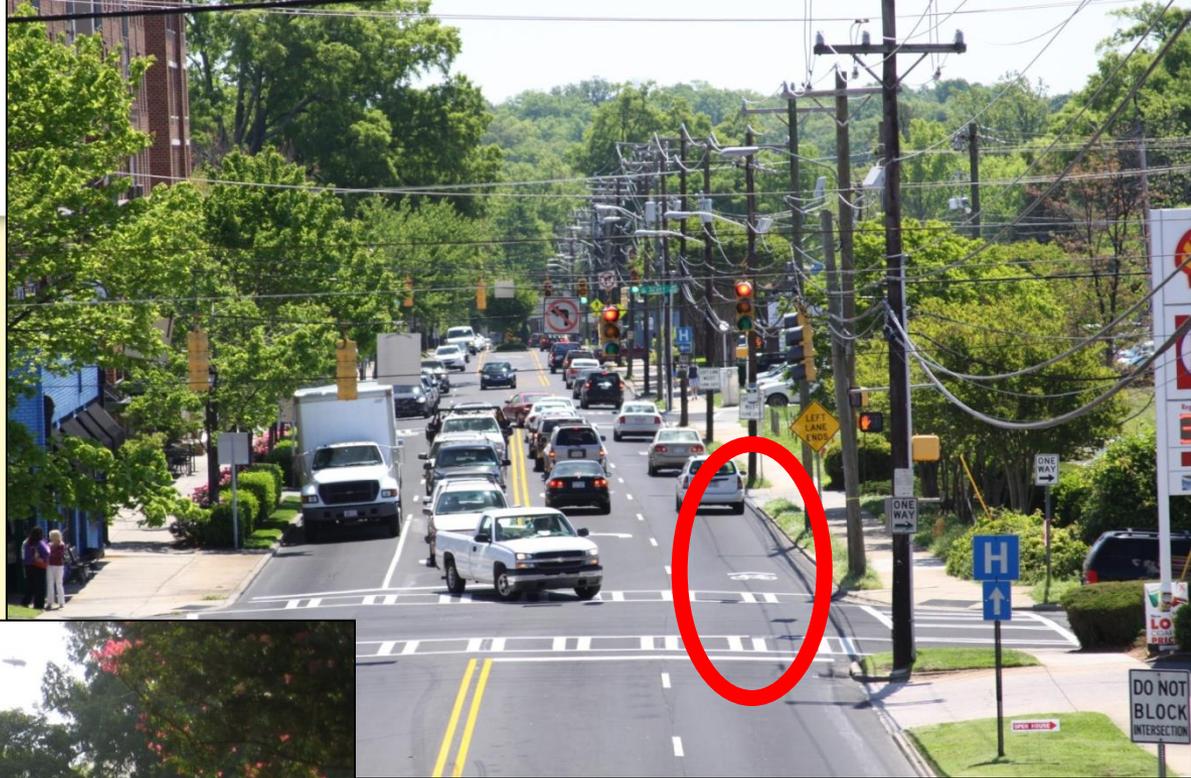




Factors That Affect Specific Designs

- ROW
- Structures
- Maintaining existing curb
- Funding
- Context (land uses, driveways, etc.)

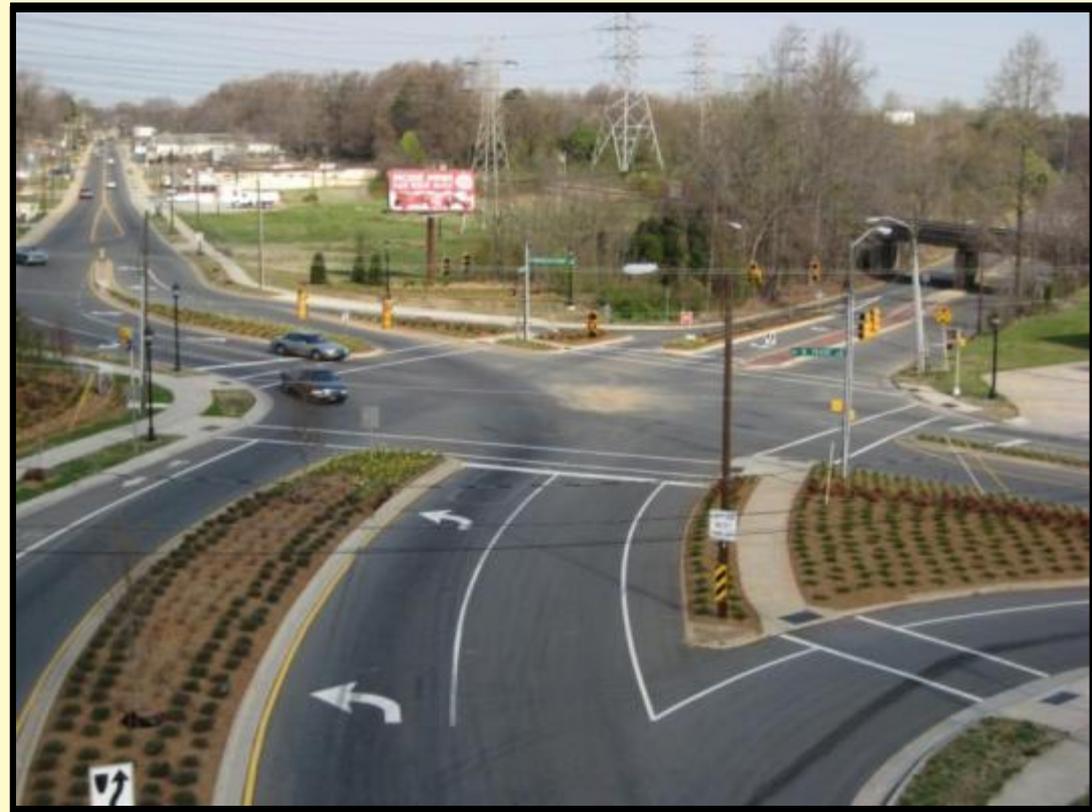
“Sharrows”



- Direct from Door Zone
- Connect Other Facilities
- Indicate a Return to Street
- Wayfinding
- Raise Awareness

Complete Streets

- Rozzelles Ferry Rd.
- Central Avenue
- Charlottetowne Ave.
- Cindy Ln.
- Dewitt Ln.
- East Blvd.
- Hickory Grove Rd.
- Old Pineville Road
- Prosperity Church Rd.
- Stonewall Ave.
- W. Morehead St.
- Archdale Dr.
- Arrowood Rd.
- Clanton Rd.
- Morris Field Dr.
- W. Trade/Rozzelles Ferry



Quality Streets

Traditional Bike Lanes



Bike Lanes Not Needed on Local Streets



Bike Lanes on Most Thoroughfares



Buffered Bike Lanes



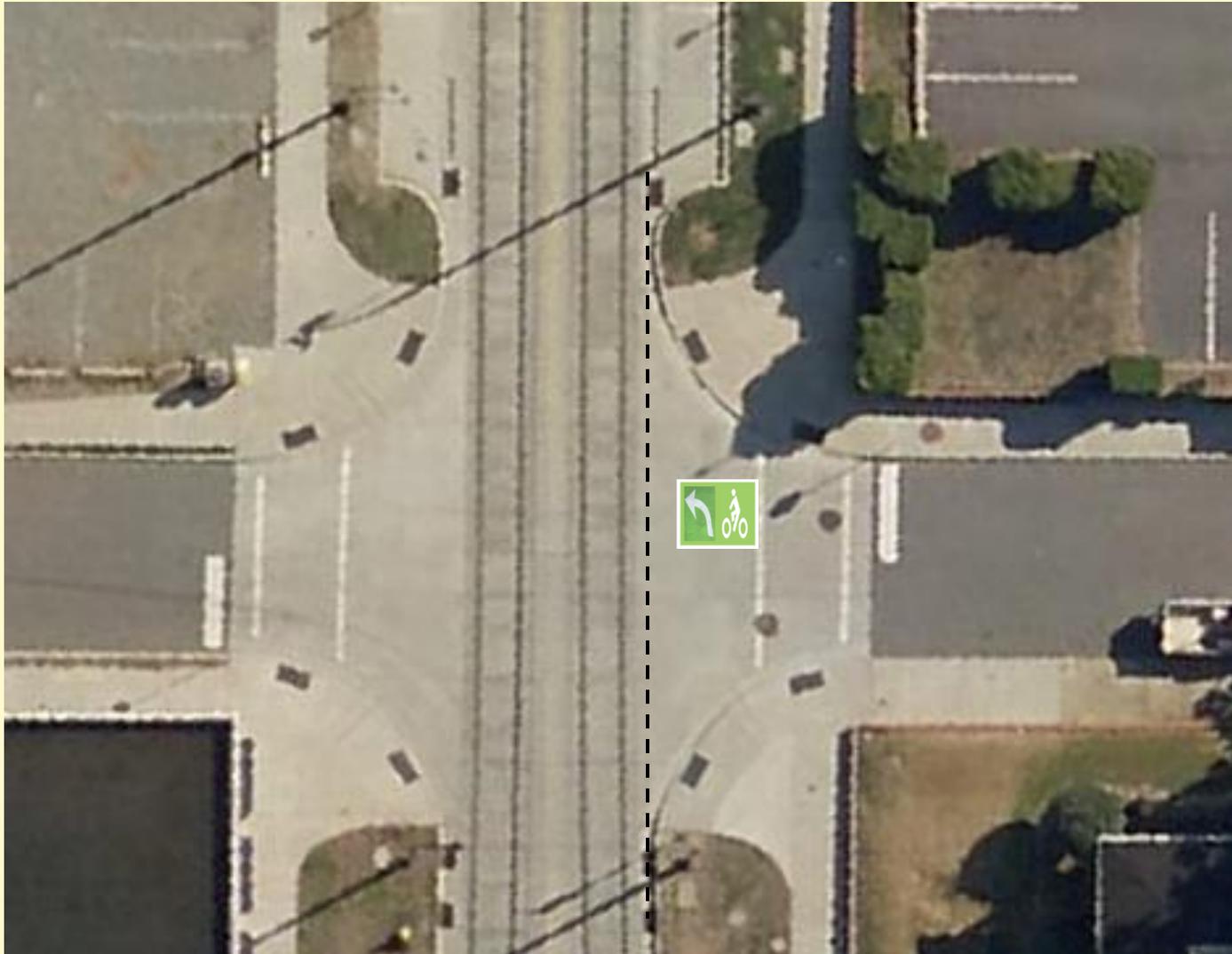
Green Bike Lanes



Two Stage Left Turn Box



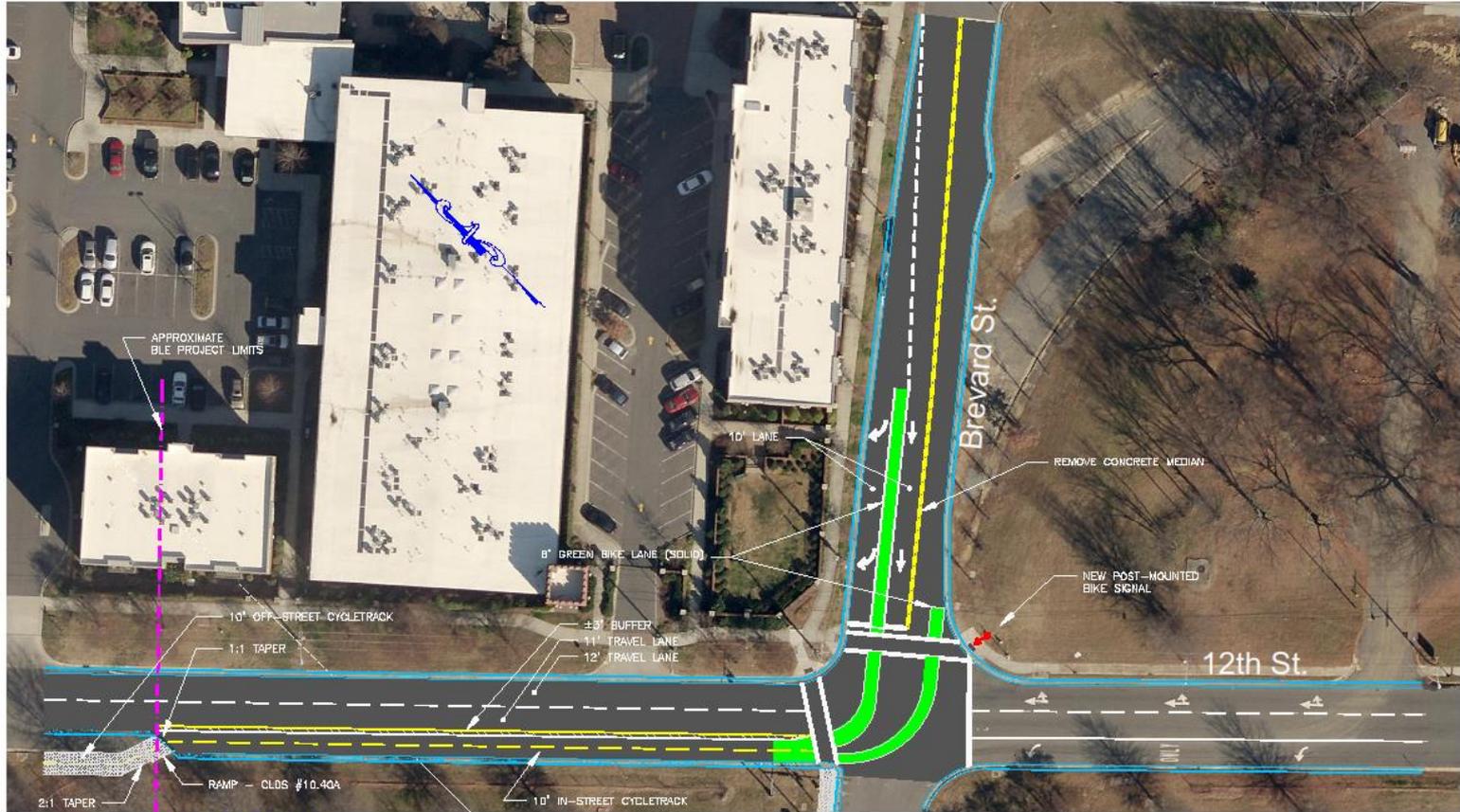
2-stage Track Crossing



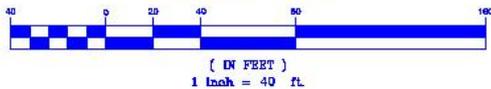
Cycle Tracks



12th Street Cycle Track



GRAPHIC SCALE



12th St. Cycletrack
CONCEPT

Roundabouts and Circles



Back-in Angled Parking



Greenways and Paths



Cross-Charlotte Trail

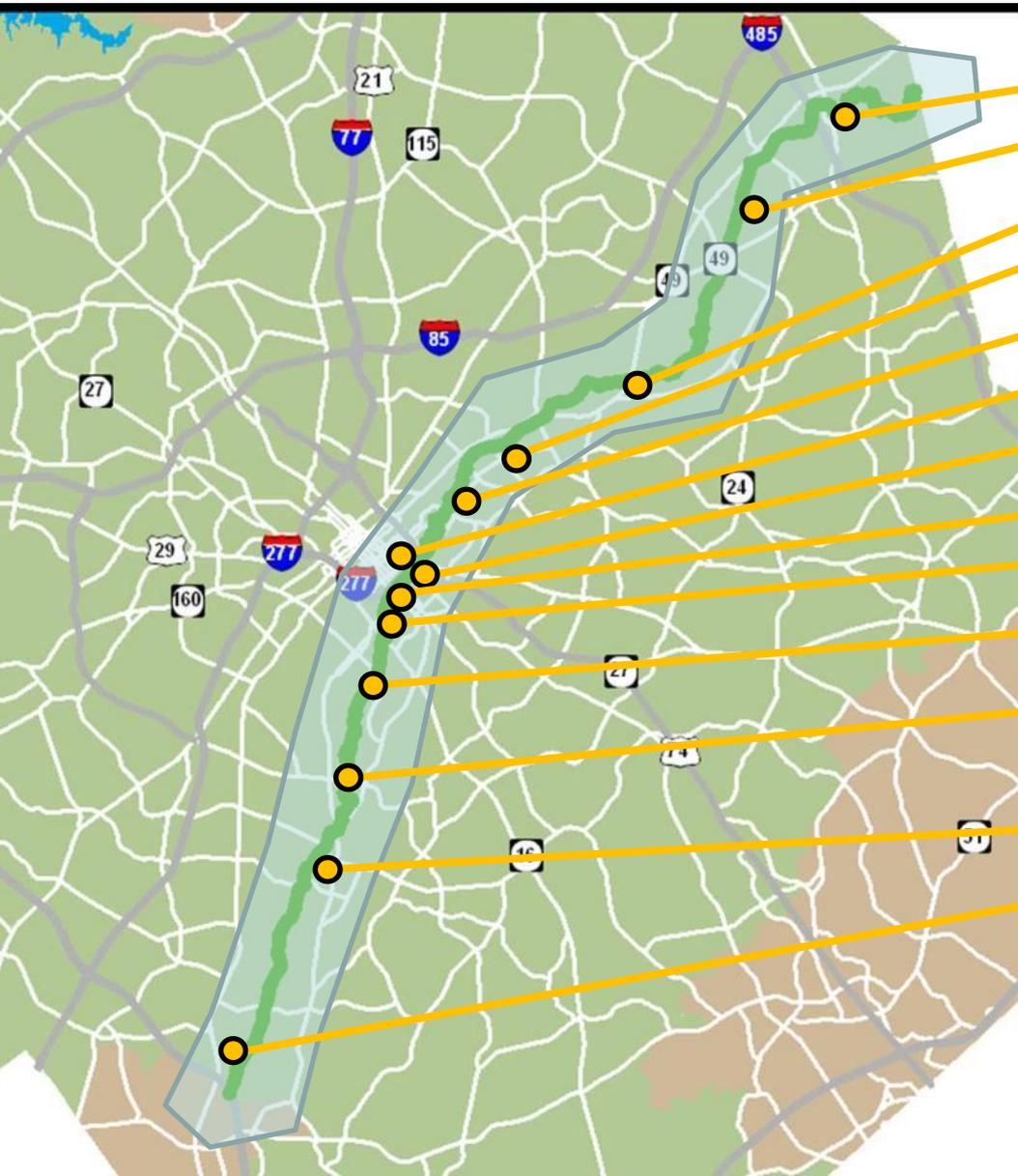




CHARLOTTE.

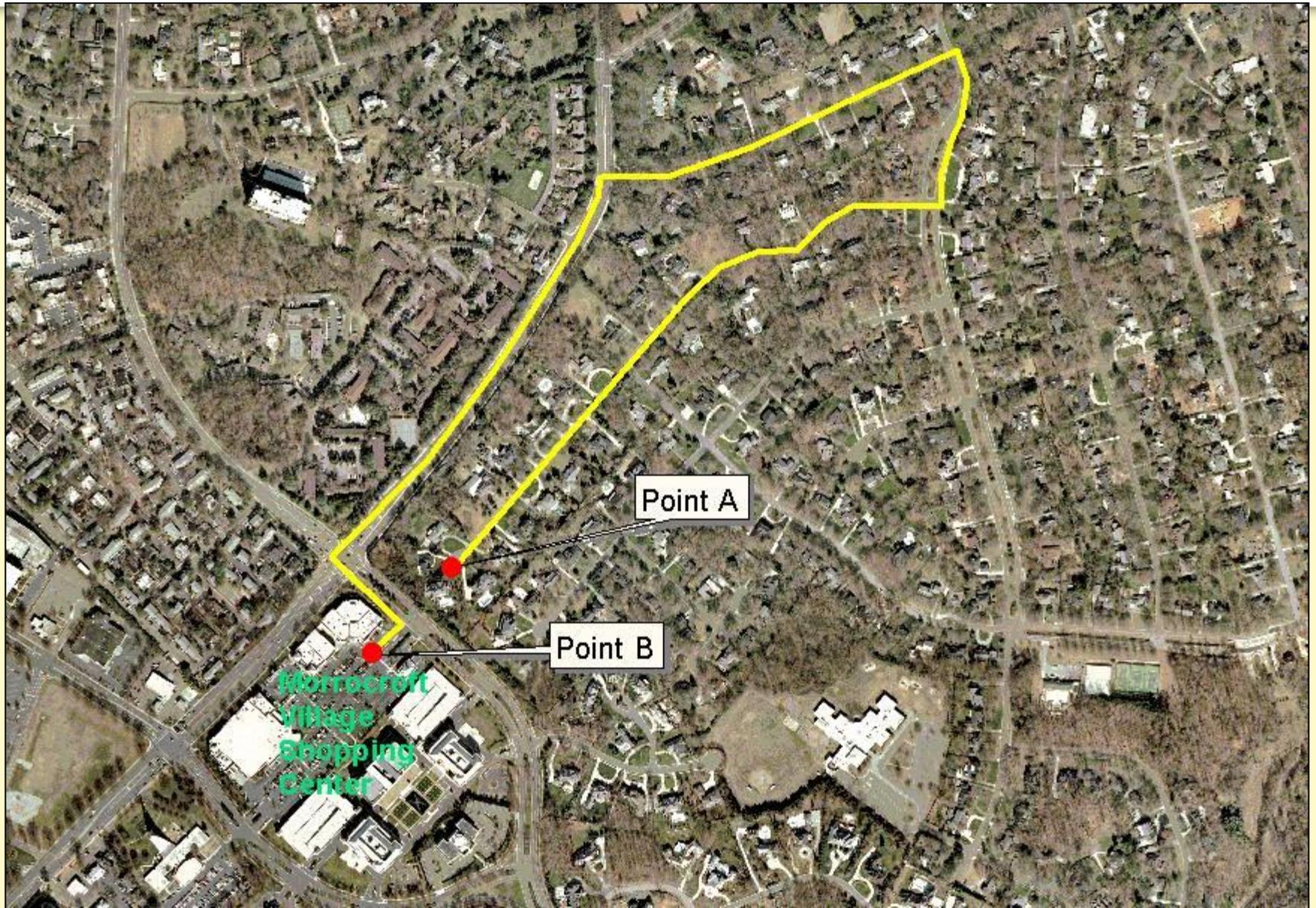
Cross-Charlotte Trail

It's about Connections

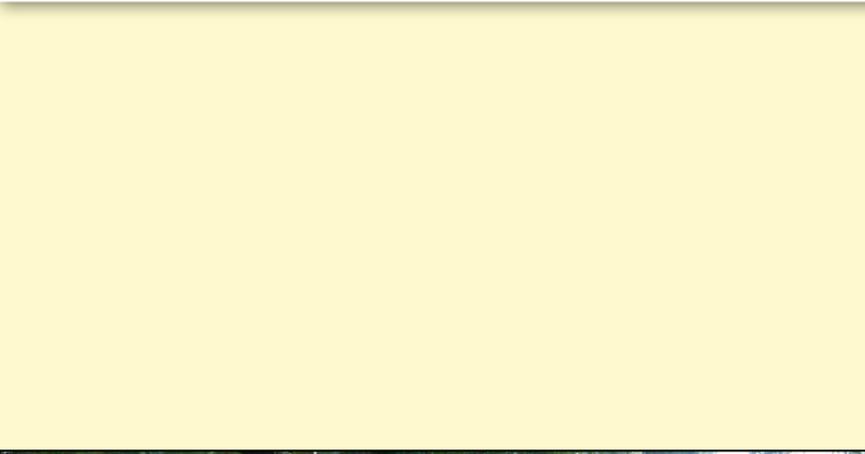


- Verizon Amphitheater
- UNCC
- Blue Line Extension
- NoDa district
- Cordelia Park
- Uptown Charlotte
- CPCC
- The Metropolitan
- Carolinas Medical Center
- Freedom Park
- Park Road Shopping Center
- Park Road Park
- Carolina Pavilion
- Adjacent neighborhoods
- **80,000 residents and 98,000 jobs within ½ mile**

Connections

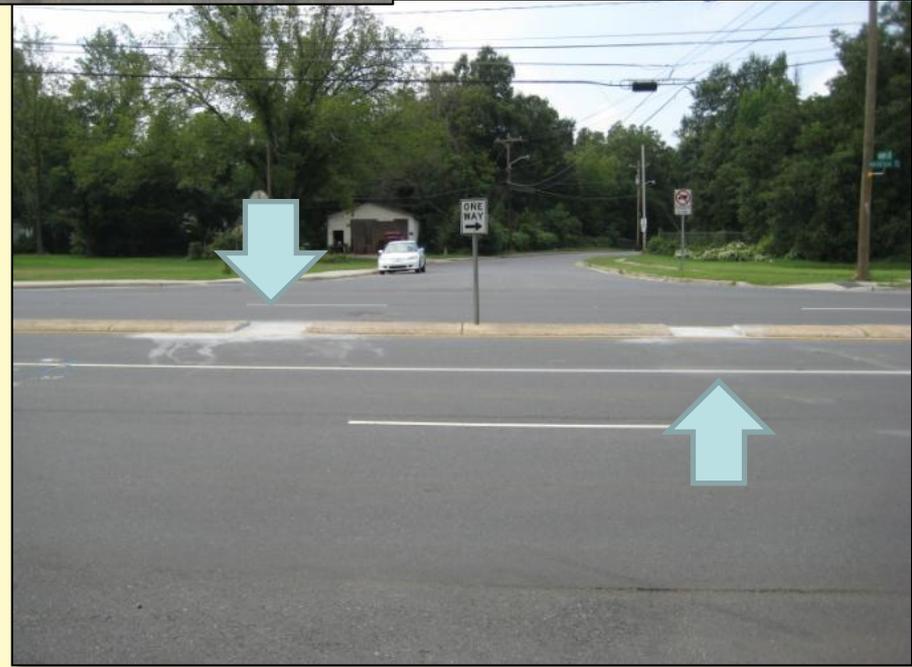


Creating Connections





Crossings



Bridge Crossings



South Tryon/I-277

South Blvd and I-277



How Are Bike Facilities Implemented?

- Community Investment Plan (CIP)
- Collaborative efforts (Park and Rec, Schools, NCDOT)
- Maintenance (re-surfacing, bridge replacement)
- Area plans (cross-sections, connectivity, land development patterns, etc.)
- Land development projects (reviews, guidelines, standards, etc.)

Our Approach Summarized – We:

- Recognize many types of cyclists
- Recognize a variety of contexts
- Have policies in place and tools to fit most circumstances
- Have identified preferred facilities for most circumstances
- Apply the best possible facility under the known context and constraints
- Are always looking at new approaches

Questions?

