



Designing Connections from RTP to Raleigh

Wake County Growth, Sustainability, and Economic Strength Committee
Design Project Update **March 23, 2026**



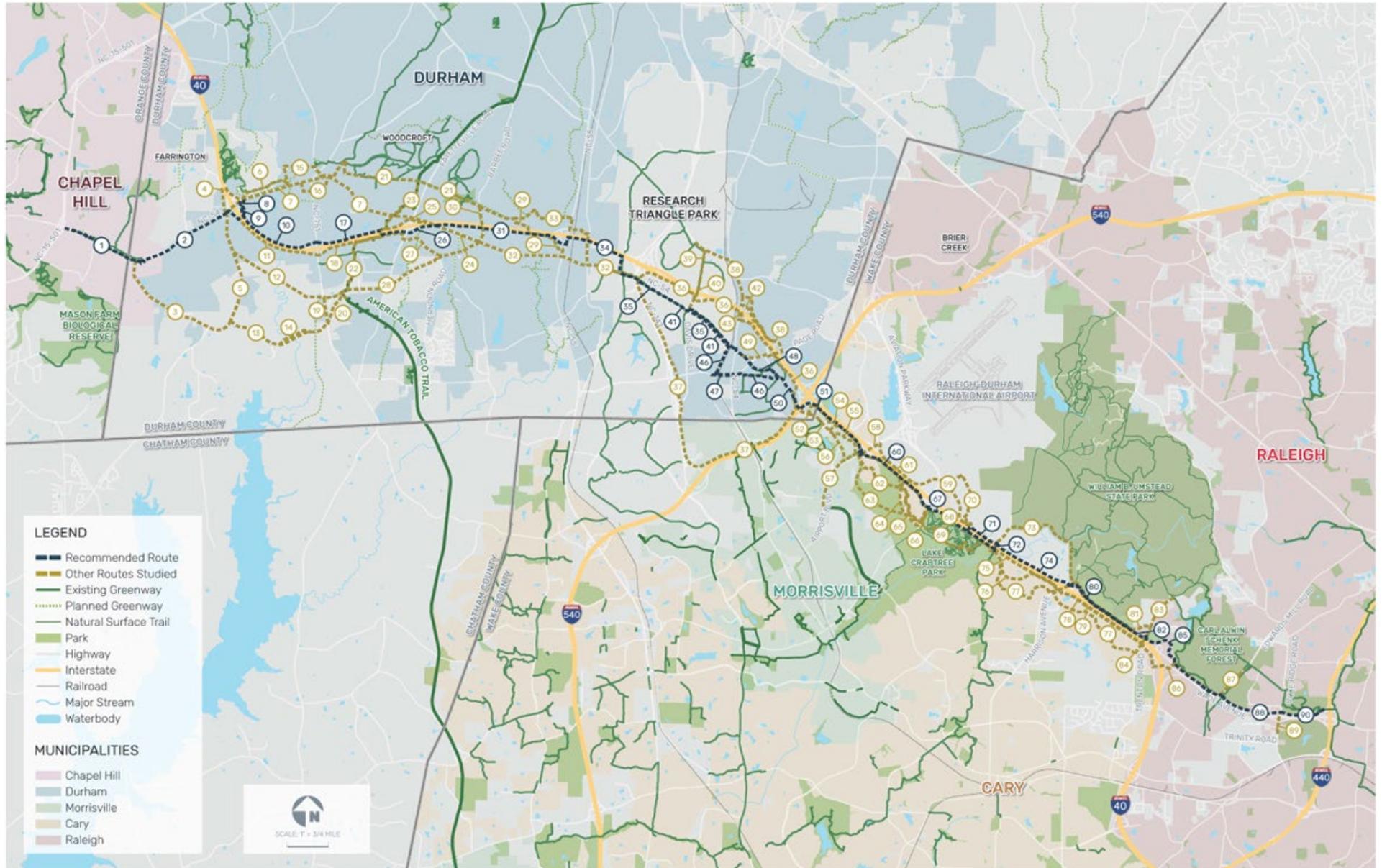
OVERVIEW

- **Triangle Bikeway Project History**
- **Our Approach Today**
- **Progress & Schedule**
- **Next Steps & Future Needs**

WHAT IS THE TRIANGLE BIKEWAY?

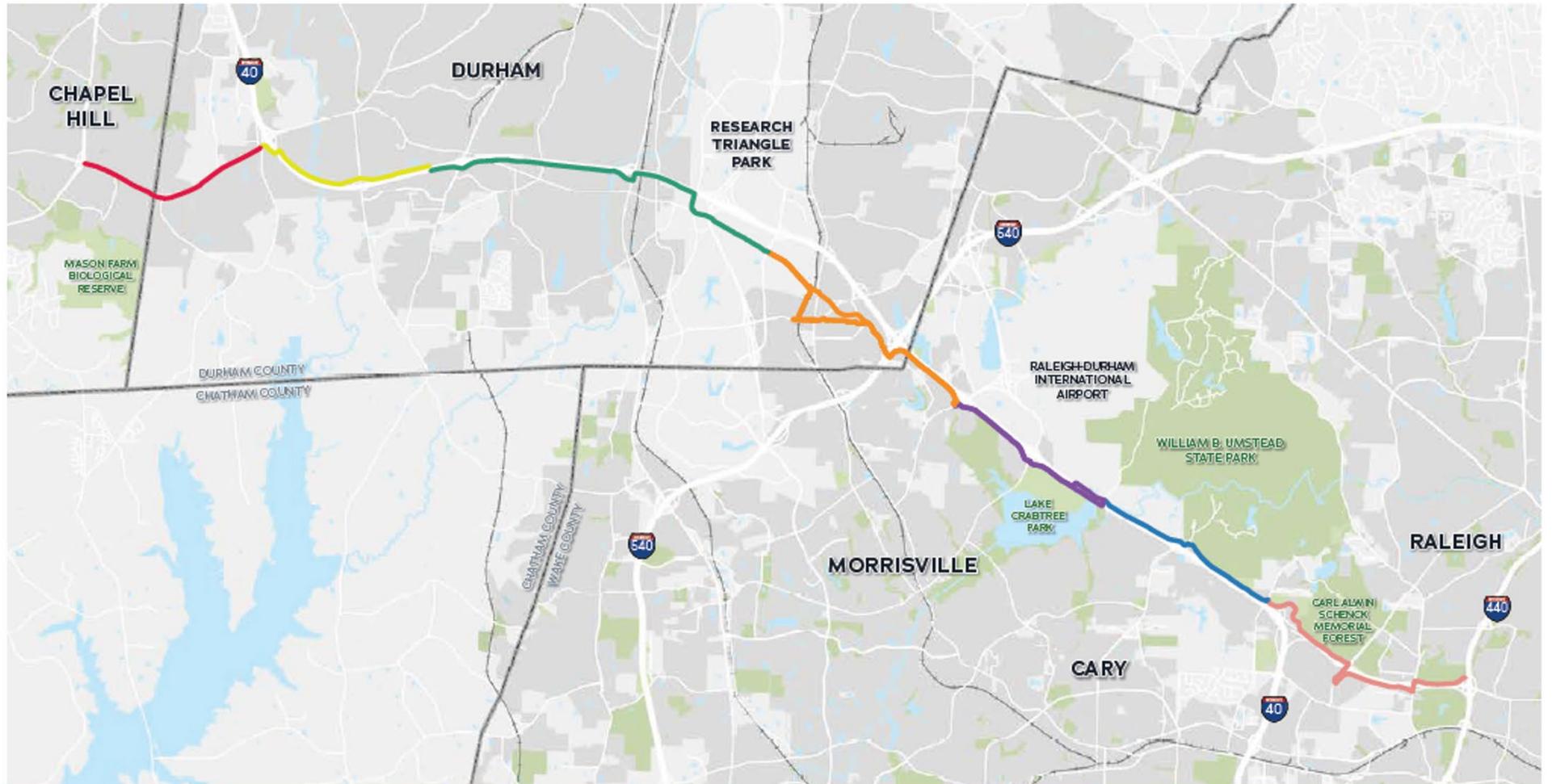


WHAT IS THE TRIANGLE BIKEWAY?



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WWW.TRIANGLEBIKEWAY.COM

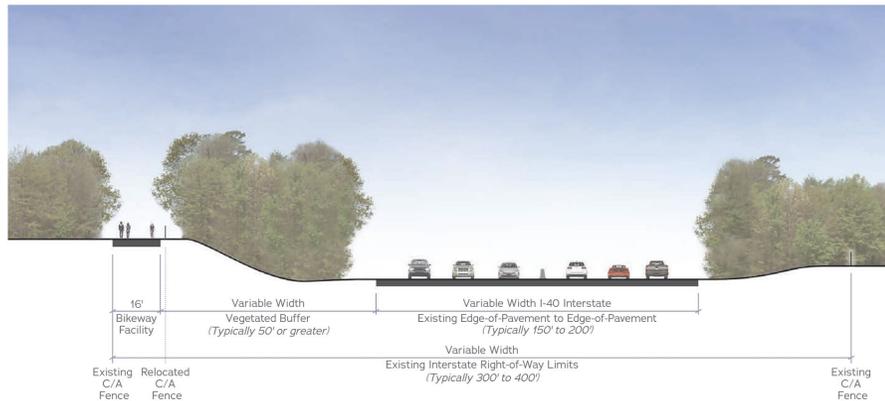


SEGMENT 1	SEGMENT 2	SEGMENT 3	SEGMENT 4	SEGMENT 5	SEGMENT 6	SEGMENT 7
CHAPEL HILL	DURHAM	RTP	DURHAM	MORRISVILLE	CARY	RALEIGH
ORANGE COUNTY	DURHAM COUNTY			WAKE COUNTY		



DESIGN GUIDANCE

Concept Plans & Resources



WHAT WILL THE BIKEWAY LOOK LIKE?

PRIMARY TYPICAL SECTIONS



The Triangle Bikeway will generally consist of 16 foot paved shared use path for bicyclists and pedestrians.

A 10 foot wide section will be two way directionally separated and designated for bicyclists.

An adjoining 6 foot wide section will be visually separated and designated for pedestrians.



Sections not running parallel to I-40 will be modified to fit the character of the streetscape. The path is envisioned to run bidirectionally alongside the roadway at grade.

Crossings in these sections will consider site constraints and may reduce to 14 foot paths where Right of Way is constrained.



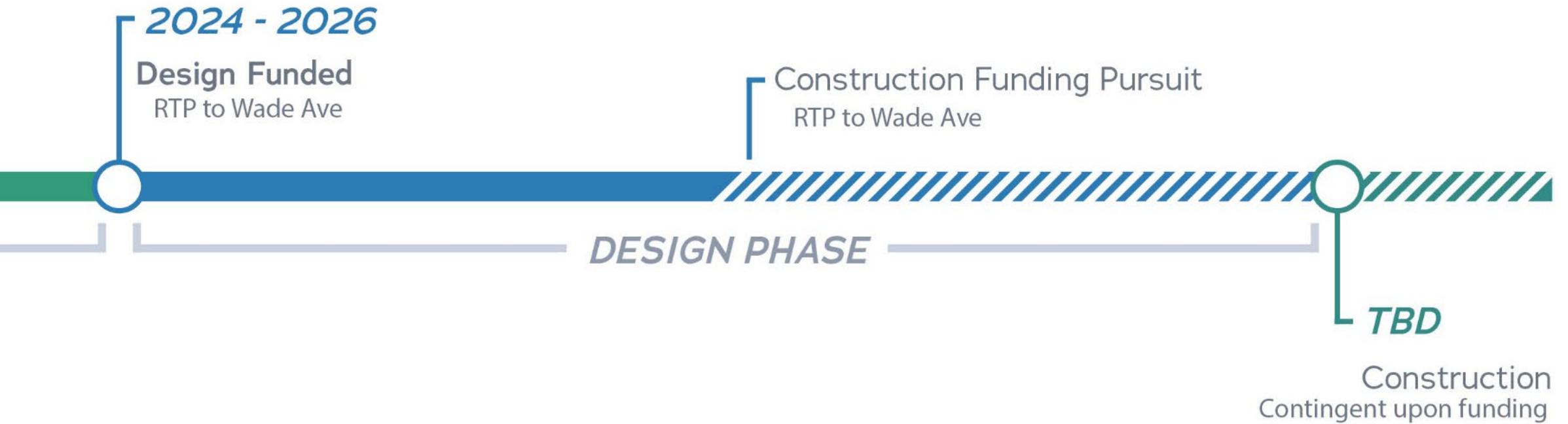
Areas along the Bikeway will require stream and difficult terrain crossings. These sections may require boardwalk and would reduce the travel width to 12 ft bidirectional paths.

PROJECT TIMELINE

TRIANGLE BIKEWAY EAST PLANNING AND DESIGN PROCESS



PROJECT TIMELINE



PROJECT TIMELINE

2024 - 2026

Design Funded
RTP to Wade Ave

DESIGN

Funding Partnership

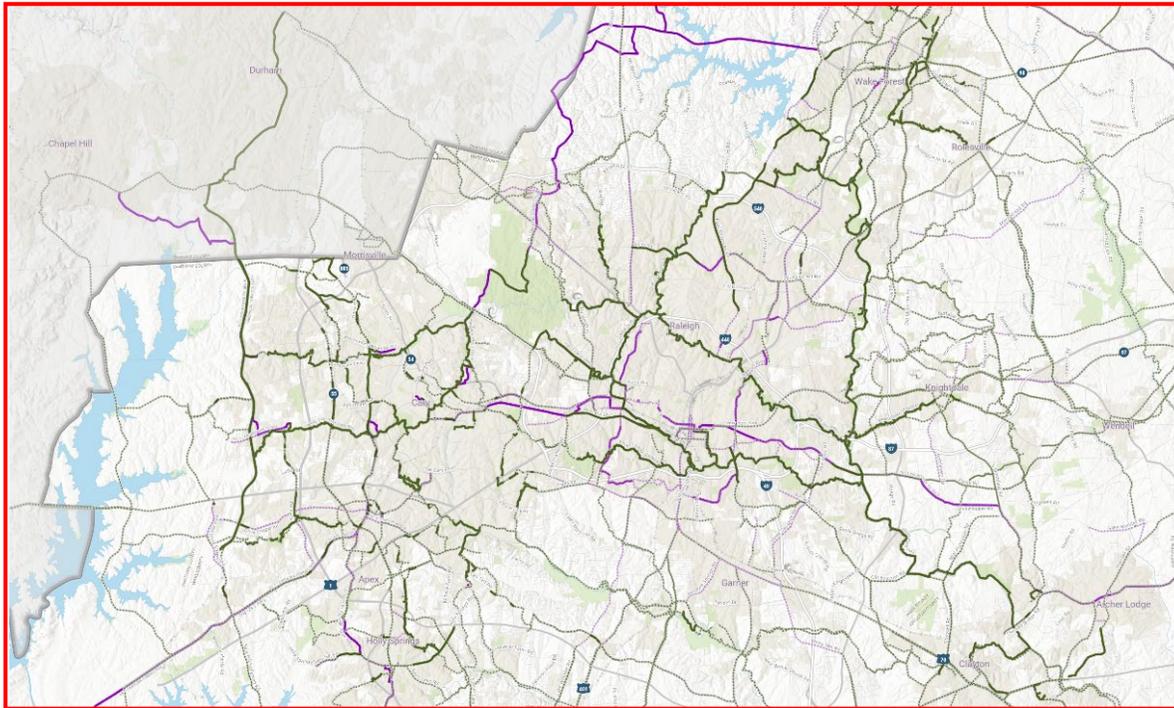
- Wake County & Research Triangle Foundation

Regional Partnership

- CAMPO Management
- NCDOT R&O
- Jurisdictional Coordination

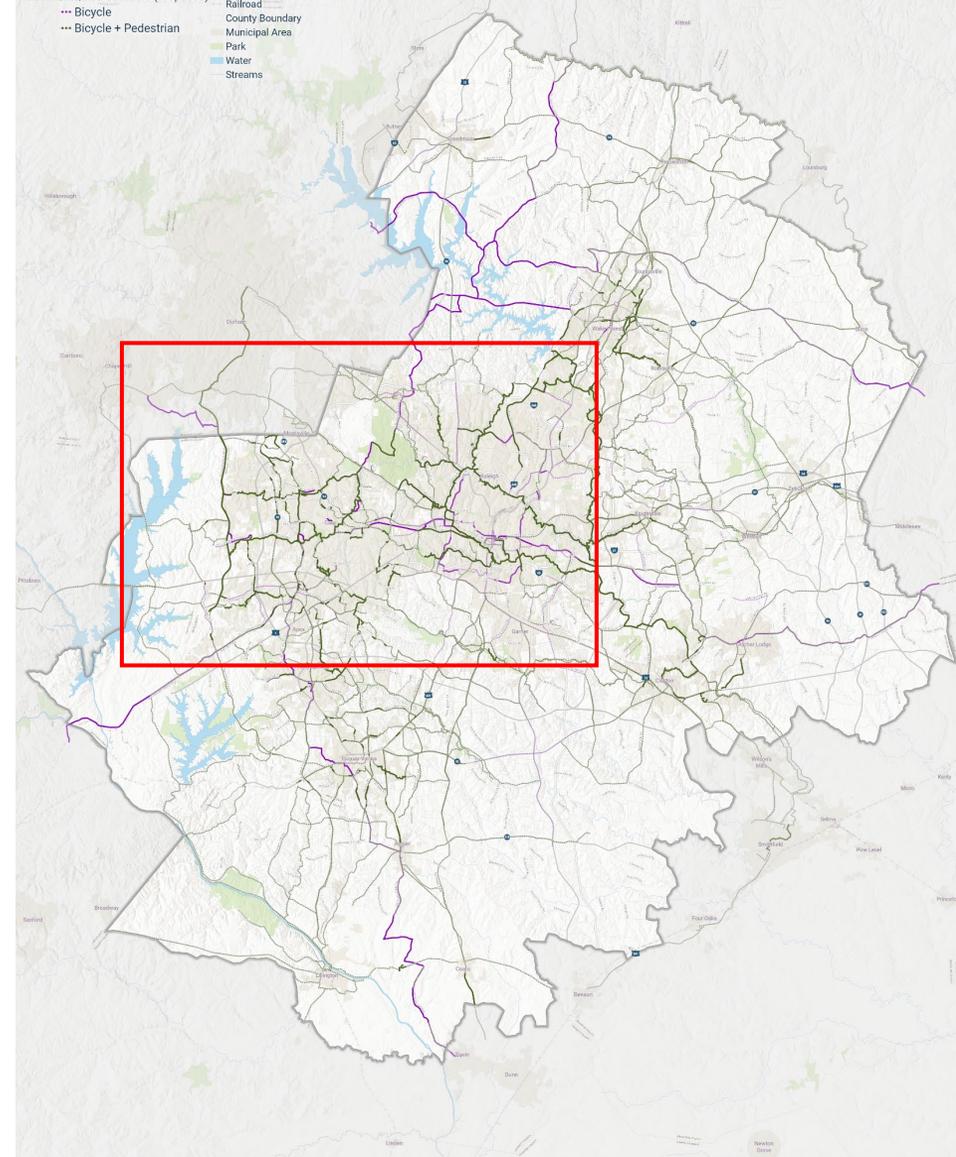


EAST - WEST CONNECTIONS for a Regional System



2055 Metropolitan Transportation Plan: Draft Bicycle and Pedestrian Infrastructure

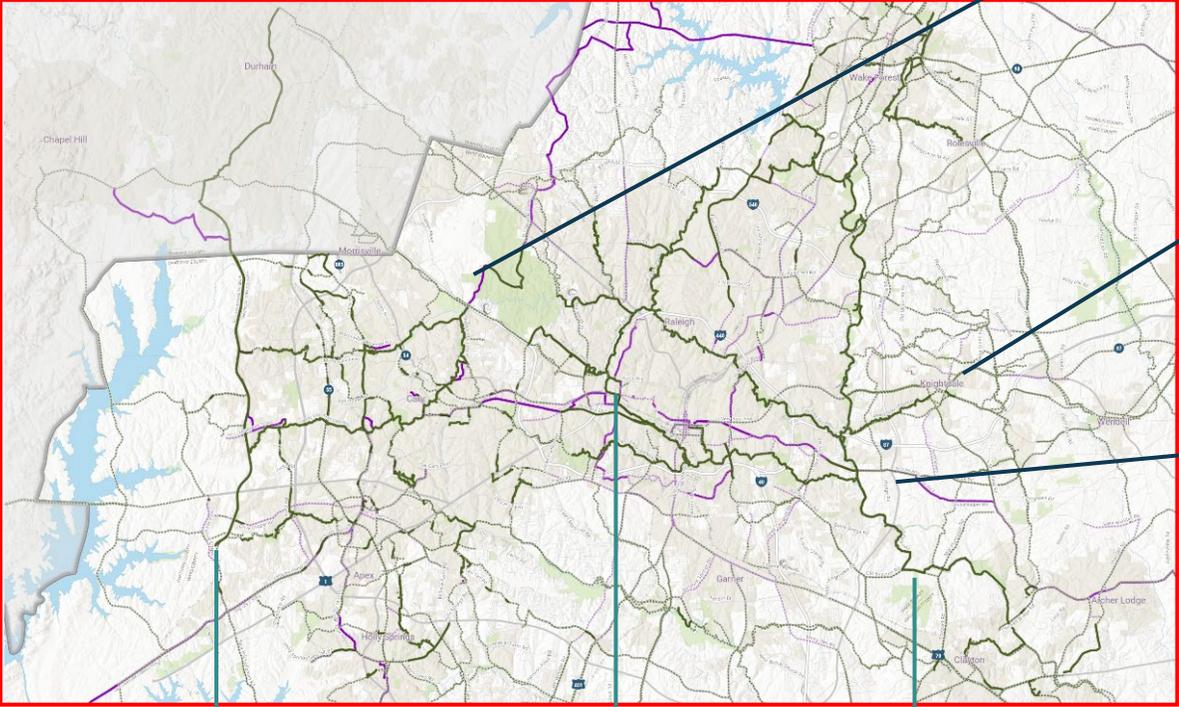
- | Network Mode | Destinations + Boundaries |
|-----------------------------------|---------------------------|
| — Bike/Ped Corridors (Existing) | — Interstate |
| — Bicycle | — US / State Route |
| — Bicycle + Pedestrian | — NC Route |
| --- Bike/Ped Corridors (Proposed) | — Secondary Road |
| --- Bicycle | — Railroad |
| --- Bicycle + Pedestrian | — County Boundary |
| | — Municipal Area |
| | — Park |
| | — Water |
| | — Streams |



The Capital Area Metropolitan Planning Organization, in cooperation with other mapping organizations, is committed to offering its users accurate, useful, and current information about the Region. Although every effort has been made to ensure the accuracy of information, errors and conditions originating from physical sources used to develop the database may be reflected in the map and/or data supplied. The user must be aware of data conditions and bear responsibility for the appropriate use.



EAST - WEST CONNECTIONS for a Regional System



White Oak Creek – Black Creek Greenway

Crabtree Creek – Mingo Creek Greenway

Walnut Creek Trail to Lake Johnson

American Tobacco Trail

Neuse River Trail

Mine Creek/House Creek/Rocky Branch Trail

HIGHLIGHTS EAST



Transit Connections

- Future Mobility Hub RTP
- 3+ Local Bus Routes
- 6+ Regional Transit Routes



Trail Connections & Recreation

- Capital Area Greenway System
- Cary Greenway System
- RTP Side path Network
- Lake Crabtree County Park Trails
- Umstead State Park Trails
- NC Art Museum Trails
- Schenk Memorial Forest & Prairie Ridge Eco Station



Major Regional Destinations

- Research Triangle Park
- Fidelity Campus
- Imperial Center
- Miami Blvd, Davis Drive & Page Rd Corridors
- Weston Ave Employers
- SAS Campus
- Raleigh Durham International Airport



- Harrison Square Shopping
- Lenovo Center
- Carter Finley Stadium
- NC State Fairgrounds
- NC State College of Veterinary Medicine
- Bandwidth Campus



- Preliminary Design for the eastern portion of the project (RTP to Raleigh)
- Position project for future construction funding opportunities
- Continue to advance design and evaluate implementation



RTP Area Site Visit



Lake Crabtree Site Visit

**Site Visits
Fall 2024**

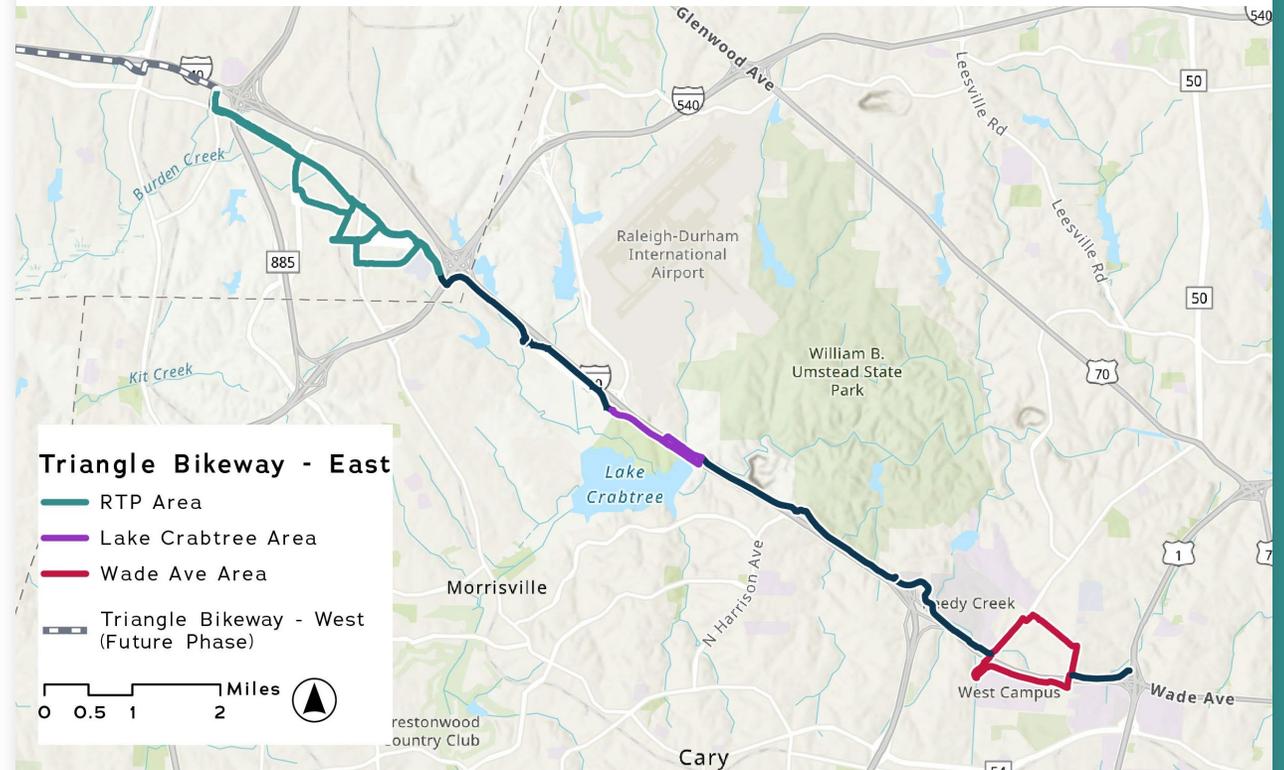


RTP Area Site Visit

Wade Avenue Area Site Visit

PROGRESS TO DATE

- Surveying
 - Aerial Processing, Boundary Survey & Deed Research 95% Complete on Segments 2&3
 - Segment 1 (RTP alternatives) surveying yet to begin
- Alternatives Analysis
 - Feasibility Validation complete September 2025
 - Site Visits complete November 2024
 - Traffic Analysis Memo in RTP area complete November 2024
- NEPA related activities
 - Start of Study Letters
 - DCIA Development
 - T&E surveying began this summer
- Project Coordination
 - Capital Projects ongoing



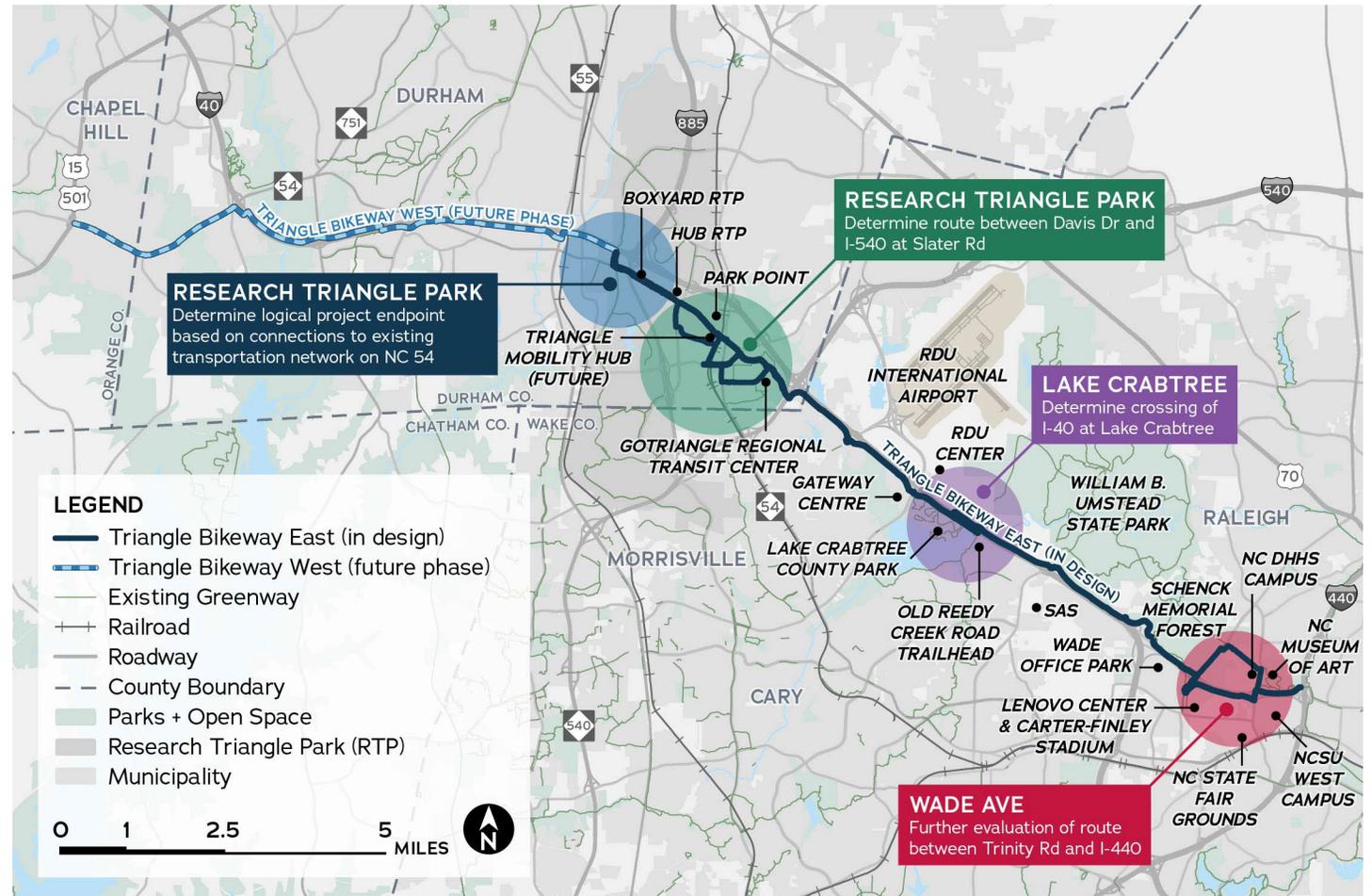
SCHEDULE OVERVIEW

Surveying Activities
Continues

Alternatives Analysis
underway this Fall

Public Information
January - February

Alternatives Results
Spring – Summer 2026





**STOP BY TO
LEARN MORE AT
POP UP
EVENTS**

JAN 31
Location: Morrisville
Aquatics & Fitness Center
Time: 9AM - 12 PM

FEB 5
Location: Laurel Hills
Community Center, Raleigh
Time: 4PM - 7PM

FEB 12
Location: Boxyard at RTP
Time: 11:30AM - 2 PM

Engagement Opportunities

- www.publicinput.com/TriBikeEast
- Survey live January 21st -February 25th
- 3 Pop Up Events (70+ attendees)
- Presentations this Winter
- Informational Handouts
- Flyers & Project Cards

**TRIANGLE
BIKEWAY**
Designing Connections from RTP to Raleigh

www.publicinput.com/TriBikeEast
TriBikeEast@publicinput.com
Call (855)925-2801 project code: 11742

TRIANGLE BIKEWAY
Designing future connections from RTP to Raleigh

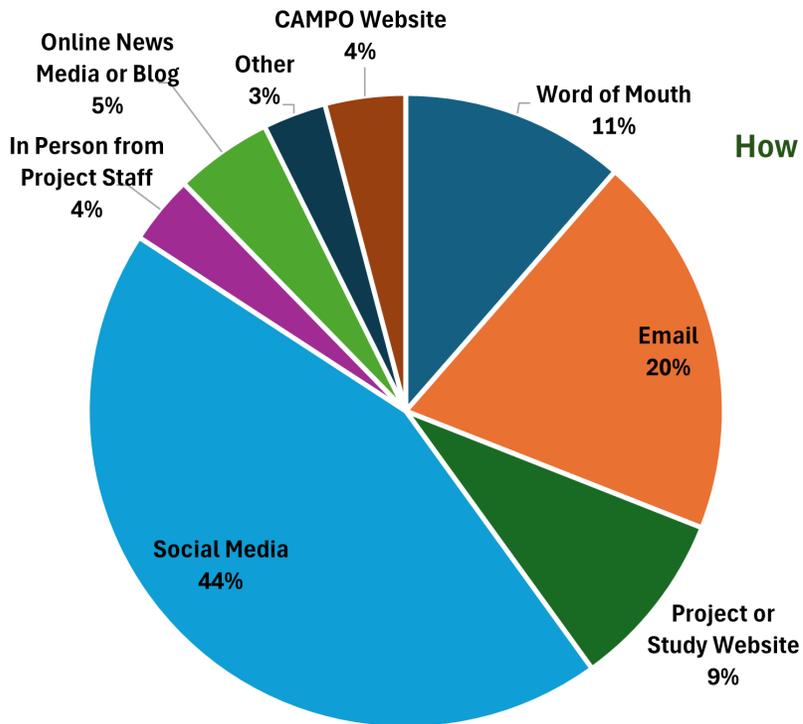
WHAT WILL THE BIKEWAY LOOK LIKE?

- Much of the bikeway will have a 10' wide paved pathway for both bicyclists and pedestrians.
 - 10' wide section will be for bicyclists.
 - 6' wide section will be for pedestrians.
- Sections not running parallel to I-40 will be modified to fit the character of the streetscape. The path is envisioned to run along the roadway. Widths of crossings may reduce to 34' where there is limited right of way or other obstacles.
- Areas along the Bikeway will require stream and difficult terrain crossings. These sections may require boardwalk, tunnels and bridges. Widths in these sections would reduce to 12 foot bidirectional paths.

TRIANGLE BIKEWAY STUDY
TRIANGLEBIKEWAY.COM
Learn more about the study and stay up to date on what is happening on the corridor from East to West!

TRIANGLE BIKEWAY EAST STUDY
PUBLICINPUT.COM/TRIBIKEEAST
Stay up to date on the Eastern portion of the Project as it advances through design.

Engagement Highlights: Outreach Efforts & How respondents learned about survey/events



How did you learn about this survey?

- Word of Mouth
- Email
- Project or Study Website
- Social Media
- In Person from Project Staff
- Online News Media or Blog
- Other
- CAMPO Website

Toolkit Materials provided to regional partners



630+ Respondents to Alternatives Survey



34 Yard signs in Alternative Areas

13+ Presentations



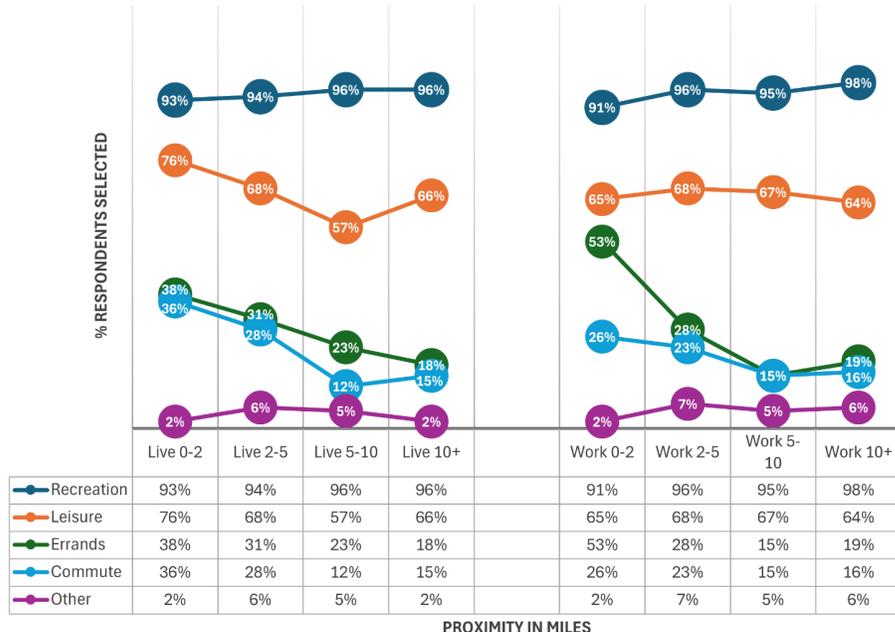
Engagement Highlights: Who did we hear from?

Once completed, how often would you use the Triangle Bikeway?

	Frequently (2+ times/weekly)	Regularly (weekly/bi-weekly)	Occasionally (once every 1-3 months)	Rarely (1-4 times a year)	Never
Future Use	20%	33%	35%	11%	2%
	Frequently (2+ times/weekly)	Regularly (weekly/bi-weekly)	Occasionally (once every 1-3 months)	Rarely (1-4 times a year)	Never

612 responses

Proximity to TBE Corridor and Types of Trip



PROXIMITY IN MILES

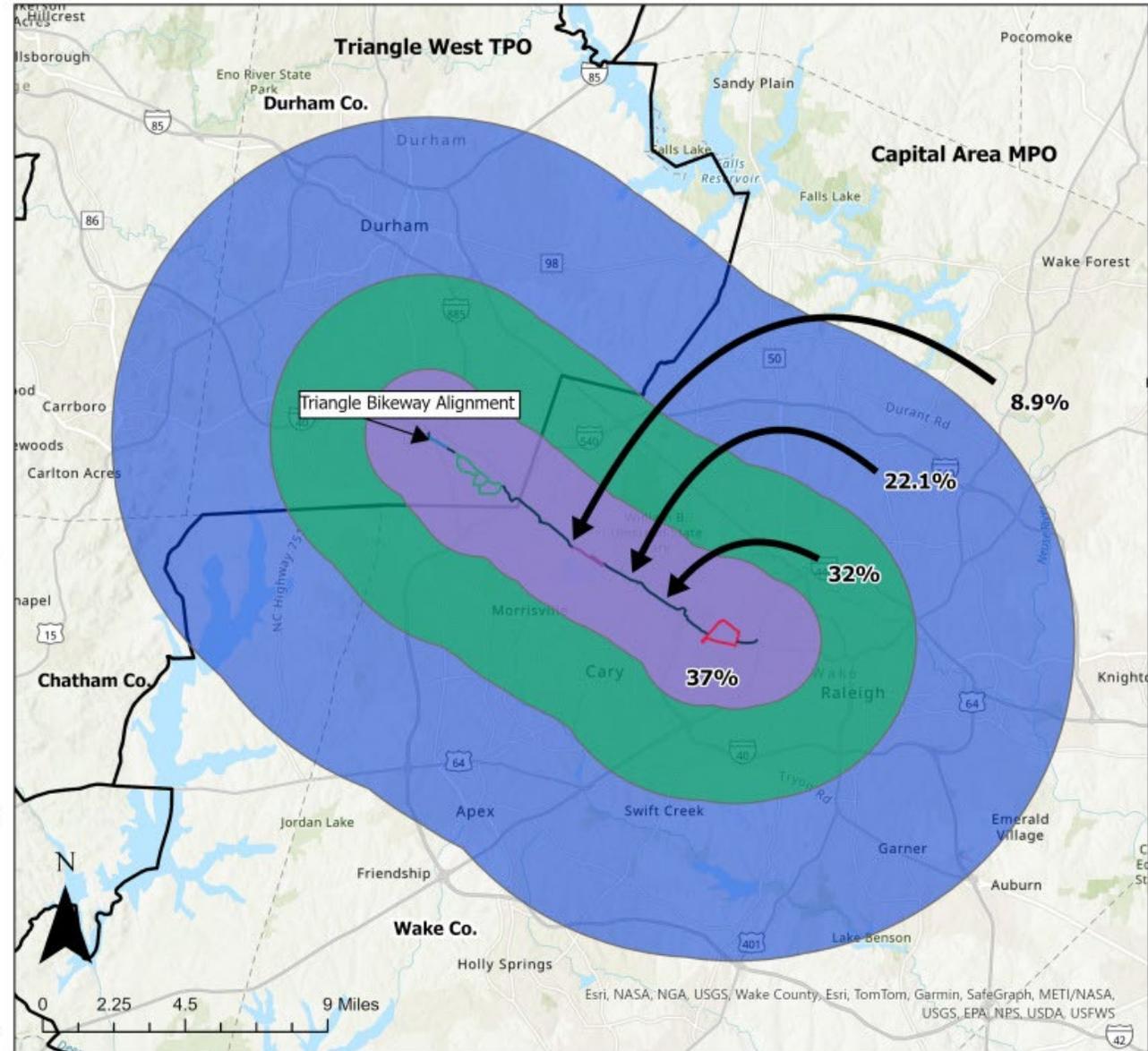
Percentage of People Commuting into the Triangle Bikeway Corridor

This map shows the the in-bound commuting percentages for the area around the Triangle Bikeway, 0-2 mile radius.

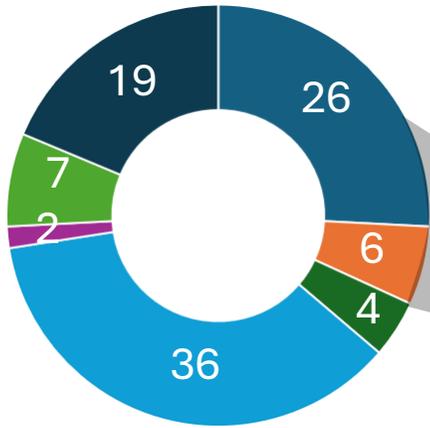
- 2 Mile Buffer
- 5 Mile Buffer
- 10 Mile Buffer
- DCHC_Boundary
- CAMPO_Boundary

Of those that responded they work within 2 miles of the Triangle Bikeway:

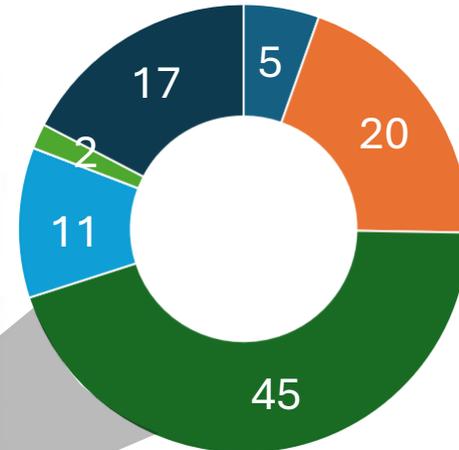
- 37% also live within 2 mile
- 32% live within 2-5 miles
- 22.1% live within 5-10 miles
- 8.9% live 10+ miles away



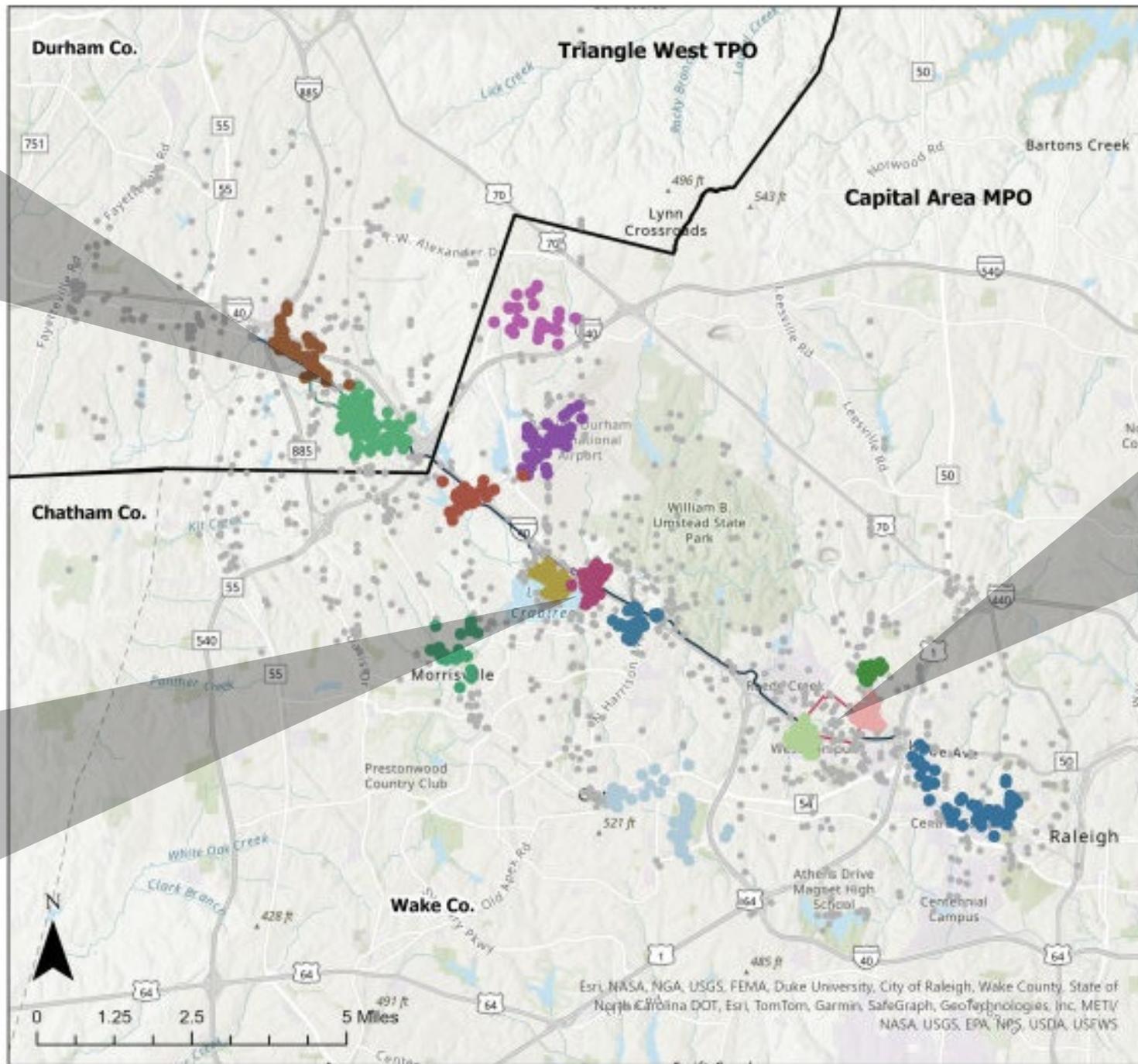
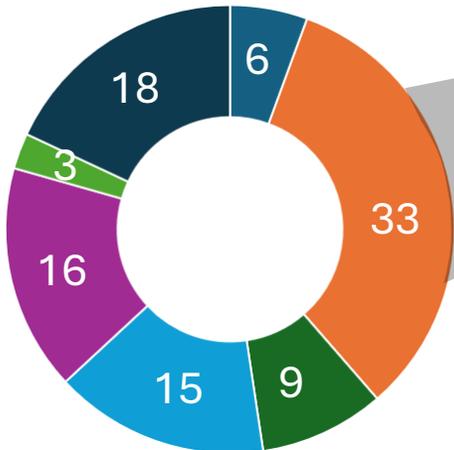
RTP Area



Wade Ave Area



Lake Crabtree Area



- Work
- Connectivity
- Commerce
- Airport
- Bus Access
- Community
- Park Access

Engagement Highlights: What did we hear?



Connectivity

- Strong desire for connections to the airport, transit, and existing bike/ped networks
- Interest in leveraging the region's extensive local greenway system
- Clear wayfinding and branding to help users navigate

Design Preferences

- Preference for 16-foot or wider paths where feasible
- Concern that narrower segments (e.g., 12-foot boardwalks) reduce comfort
- Separation and safe passing space between bicyclists and pedestrians

Safety and Operations

- Minimize waiting at at-grade crossings
- Good lighting and visibility
- Routine maintenance and cleanliness
- Safe grades/inclines and clear design standards

Information Needs

- Questions about timeline, phasing, and funding
- Interest in permitted uses and rules
- Clarity on construction impacts

Overall Sentiment

- Appreciation and excitement about project progress
- Broad support for continued advancement

TRIANGLE BIKEWAY



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www.publicinput.com/TriBikeEast

