

Greensboro Urban Area MPO



Technical Coordinating Committee
December 11, 2023

Teams Platform Basics



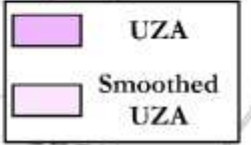
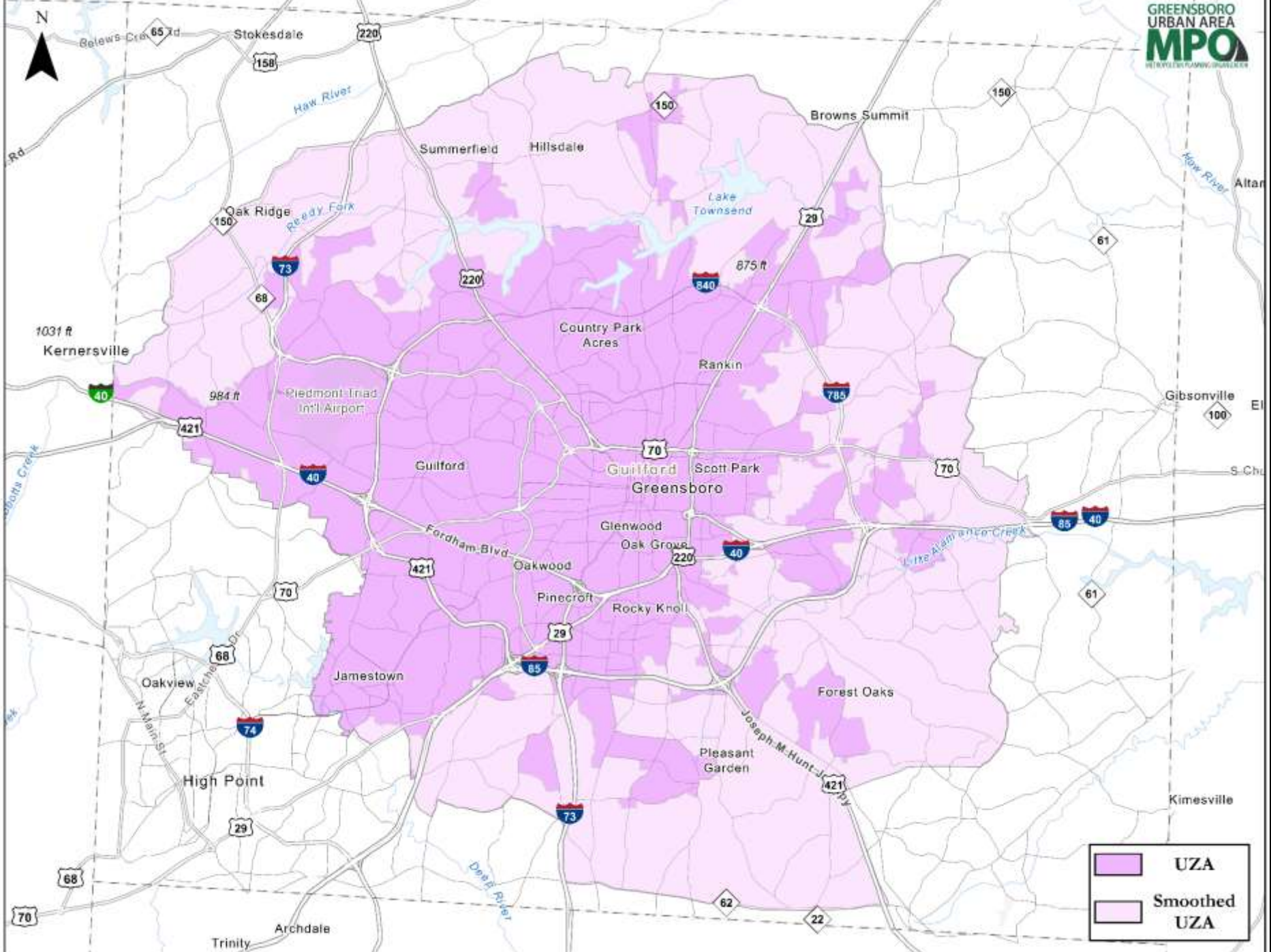
TCC Roll Call & Attendee Verification

Action Items

December 11, 2023

Smoothed Urban Area Boundary Approval

- Every decade, the MPO is required to adopt a smoothed UZA boundary for FHWA functional classification purposes (rural vs. urban).
- This smoothed boundary is meant to simplify the complex geography of UZAs, by smoothing the boundaries and extending them to include roads that have an urban character.
- The MPO worked with FHWA, NCDOT, and neighboring jurisdictions to create the smoothed UZA which required TAC approval.



MTIP Amendment & Modification: Statewide Projects



ID#	Description	Change
ER-5600*	Statewide, Improve and manage vegetation - Clear zone	Add to MTIP with total \$9M from FY 22 to FY 28
TC-0008	Statewide, 5339(b) Discretionary Grant For Facility Construction	Add \$1.225M for Capital in FY 24
TC-0010	Statewide, 5339(b) Discretionary Grant For Facility Construction	Add \$4.5M for Construction in FY 24
TC-0012	Statewide, 5339(b) Discretionary Grant To Purchase Electric Buses and Charging Stations	Add \$3.125M for Capital in FY 24

Action Business Other

Recommendation: Amend & Modify MTIP

MTIP Amendment & Modification: Aviation & Transit Projects



ID#	Description	Change
AV-5803	Construct taxiway including bridge over Ted Johnson Parkway	Shift construction from FY 24 to FY 28
TL-0050*	GTA new Crosstown Route	Modify funding by replacing \$239,004 in CRP funds with Local funds
TG-6185*	PART Routine Capital	Adjust funding from FY 24 to FY 30
TO-5209*	Operating - Fixed Route PART	Adjust funding from FY 24 to FY 30

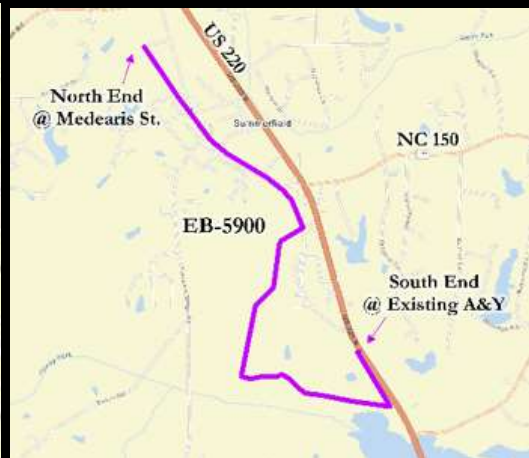
Action Business Other

Recommendation: Modify & Amend MTIP

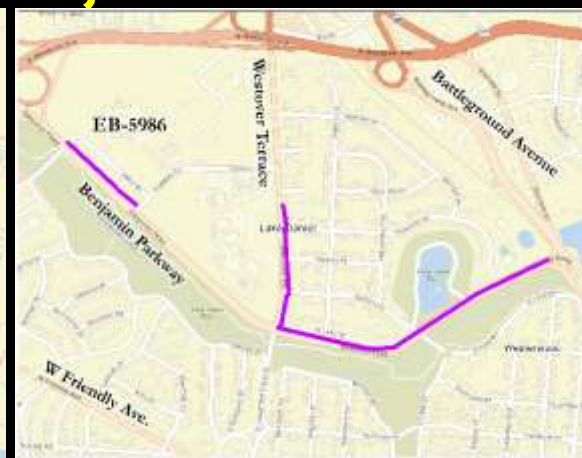
MTIP Amendment & Modification: Pedestrian & Bicycle Projects



BL-0042



EB-5900



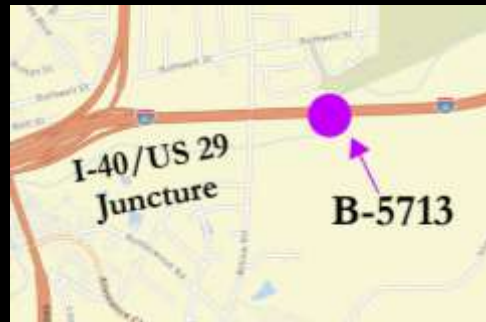
EB-5986



EB-5995

ID#	Description	Change
BL-0042	Construct Greenway and Sidepath on Vance Arlington Greenway from north of Florida St to Bragg St	Shift CST from FY 25 to FY 24 and changes funding from 100% BGDACV to 80% TAANY & 20% local funds
EB-5900*	Construct Multi-use path on Summerfield South Greenway from US 220 to Centerfield Rd	Shift ROW from FY 23 to FY 24
EB-5986*	Construct sidepath on Benjamin Parkway from Elam Ave to Battleground Ave, including roadway improvements, signal modifications, and crossing improvements	Revise project description to extend sidepath and include signal modifications.
EB-5995*	Construct Sidewalk on Lawndale Dr from Pisgah Church Rd to Lake Brandt Rd	Shift ROW from FY 24 to FY 25 and CST from FY 25 to FY 26. Add PE for pedestrian signal and crossing improvement designs and a utilities phase

MTIP Amendment & Modification: Roadway Projects



ID#	Description	Change
B-5713	Replace Bridge on Willow Road over I-40/BUS 85	Shift ROW from FY 29 to FY 28 and adjust CST funding cashflow.
HS-2007K*	Install Guardrail on I-40 W Median from Buffalo Creek Bridge East for 1,550 feet and I-40 E from Exit 219 to US 29 South.	Add new project break with \$265,000 in FY 24.
P-5709	Construct grade separation at Franklin Blvd crossing and close O'Ferrell St crossing for Norfolk Southern H Line	Shift CST from FY 24 to FY 25.
R-5823*	<u>NC 65/ NC 68, US 158 in Stokesdale to I-73/ US 220 to US 220/ I-73 in Rockingham County. Widen to multi-lanes.</u>	CST schedule remains in FY 26 and the cost remains at \$28M pending a revised cost estimate. Revise scope description and modify CST cash flow assumptions.
	<u>NC 65/ NC 68, US 158 in Stokesdale to I-73/ US 220 to US 220/ I-73 in Rockingham County. Multiple intersection improvements along corridor.</u>	
U-2524F	Future I-840, Greensboro Western Loop, Interchange at Proposed Lewiston-Fleming Road Extension.	Delete this project from the MTIP.

Action Business Other

Recommendation: Amend & Modify MTIP

Business Items

December 11, 2023

Proposed 2024 TCC Meeting Calendar

Monday, January 29	Monday, July 29
Monday, March 13	Monday, September 12
Monday, May 7	Monday, October 27
Tuesday, June 13	Monday, December 11

Project Updates

Action Business Other

Division 7 Report



Action Business Other

Locally Administered Project Updates

Recent and Pending Bid Openings

Downtown Greenway, Phase 4 - Contract 2015-0030 (EB-6037C)

Bids were opened August 15, 2023 - Yates Construction was apparent low bidder
Council has approved bid and NCDOT has provided concurrence
Work will begin in January 2024 with a completion date of July 2025

Murrow Boulevard Bridge Repairs - Contract 2021-011 (EL-5101DR)

Bids were opened June 29, 2023 - Smith Rowe was apparent low bidder
Council has approved bid and NCDOT has provided concurrence
Work will begin in January 2024 with a completion date of December 2024

Recent and Pending Bid Openings

General Sidewalk Improvements - Contract 2015-104 (U-5532E)

Revised plans and specifications have been approved by the NCDOT

Contract includes sidewalks on Hornaday Rd., Bridford Pkwy, Big Tree Way, and Hewitt St.

Work should begin February 2024 with a completion date of December 2024

Davie Street Streetscape - Contract 2018-051A

Contract was advertised in November 2023 with a bid opening on December 21, 2023

Work should begin in March 2024 with a completion date of August 2025

Projects limits are from E. McGee St. to north of E. Friendly Ave.

Current Construction Projects

Alamance Church Road Improvements - Contract 2011-0670

Construction is complete with the exception of clean up items and final thermo markings
Thermoplastic markings to be installed in spring of 2024 when weather allows

Eugene & Bellemeade Streetscape - Contract 2020-0180

Eugene St. and Bellemeade East is mostly complete
Remaining items include brick pavers, plantings, final surface
Intersection work at Eugene and Bellemeade to be completed in January 2024
Final asphalt surface and markings to be installed in March 2024

Current Construction Projects



Alamance Church Road

Action *Business* *Other*

Current Construction Projects



Alamance Church Road

Action *Business* *Other*

Current Construction Projects



Eugene Street

Action *Business* *Other*

Current Construction Projects



Eugene Street

Action *Business* *Other*

Current Construction Projects

Greene Street Streetscape - Contract 2018-0480

Storm sewer installation work has begun near Bellemeade Street

The completion date is approximately December 2024

Projects limits are from Washington St. to Bellemeade St.

PTI Update

Planning and Engineering Update



December 11, 2023



Action Business Other



Boom

Action

Business

Other



Action Business Other



NCDOT Access Roads

Cross-field Taxiway – Phase 2 and 3





Action Business Other

Questions



Strategic Reports

Action Business Other

USDOT Vision Zero Community Pairing Program: New York City DOT

- October 16-17, 2023
- Management, Engineers, and Planners
- Peer Exchange



Safer Roads

- Pedestrian Safety Action Plans
 - Each Borough
- Street Improvement Projects
 - 150 per year
- Research on the Road
 - Gov't and University Researchers



Safer Speeds

Success: Drivers are Slowing Down on Streets with 24/7 Speed Cameras
Violations dropped 30 percent over the course of the first year of 24/7 speed camera enforcement.

- Speed Cameras
 - ¼ mile radial of school
 - Transition to 24/7 monitoring
- Protected Bike Lanes
- Left Turn Treatments



Safer Vehicles

Department of Citywide Administrative Services

- Intelligent Speed Assistance (ISA)
- High Vision Truck Cabs
- Truck Side Guards



Safer People

- Street Teams & Street Ambassadors
- Public Outreach @ Sporting Events



Shared Micromobility Services: Vendor Selection

Application Timeline

	Date
Deadline for applications	September 29, 2023
Selection notification	October 30, 2023
Contract Review	Early November 2023
City Council Meeting	December 19, 2023
Operations begins	TBD



Bicycle and Pedestrian Advisory Committee Meeting

Last Quarterly Meeting

Friday, December 15
Via Teams
2-4pm



Bicycle & Pedestrian Advisory Committee Fourth Quarter

Teams Meeting

December 15, 2023, 2-4 pm



Meeting Agenda

1. Staff Updates
 - a. Safe Routes to School
 - b. GOBORO (Mobility Greensboro 2045)
 - c. Micromobility
2. Project specific Discussions
 - a. Lindley Road Modernization
 - b. U-5532 E (Transit Oriented Sidewalks serving GTA Route 1)
 - c. U-5532 G
 - d. U-5532 F
 - e. EB-5878
 - f. EB-5877
 - g. Downtown Greenway Phase 4
 - h. East Gate City Boulevard
 - i. Latham Park/ Lake Daniel
 - j. A&Y Greenway
 - k. Davie Street Streetscape Project
3. Resurfacing List Review
4. BPAC Member Updates



GoBORO: 2045 Transit Plan

Phase 1 Public Engagement Debrief

December 14, 2023



Where are we in the process?

- Completed analyzing existing conditions
- Developed conceptual alternatives
- Completed first phase of public engagement

Technical and Design Work

Choices & Concepts: Analyze Existing Conditions and Develop Alternatives to Show Trade-offs

Draft Network Design

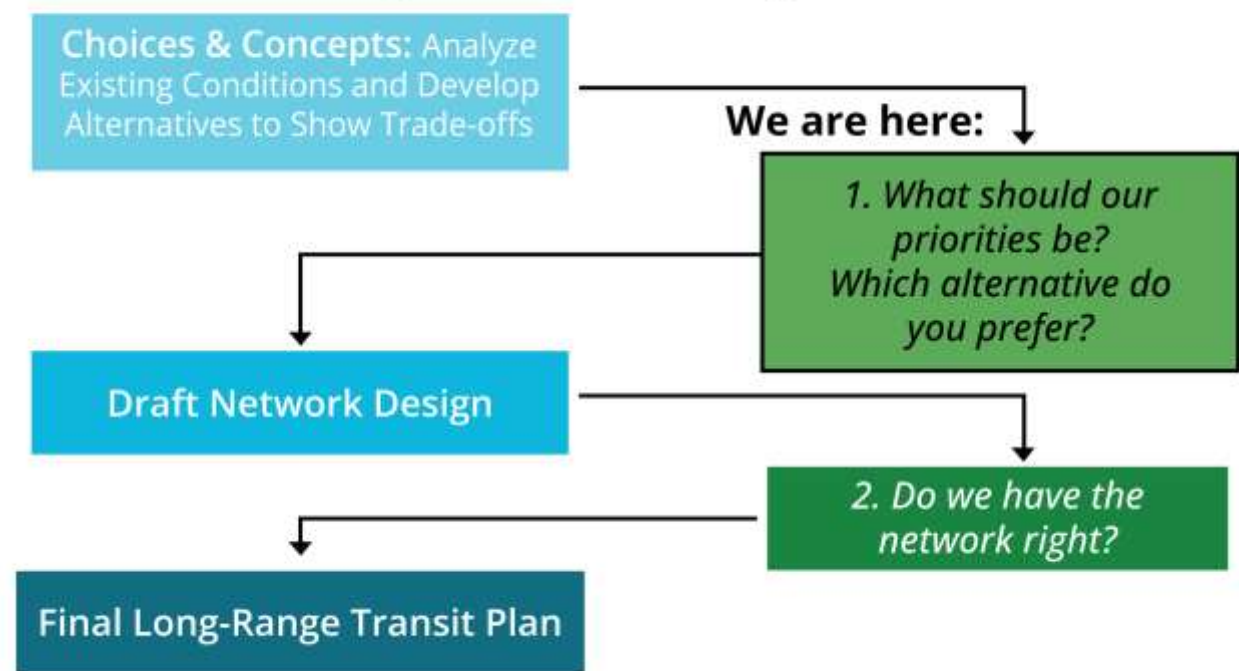
Final Long-Range Transit Plan

Questions to the Public

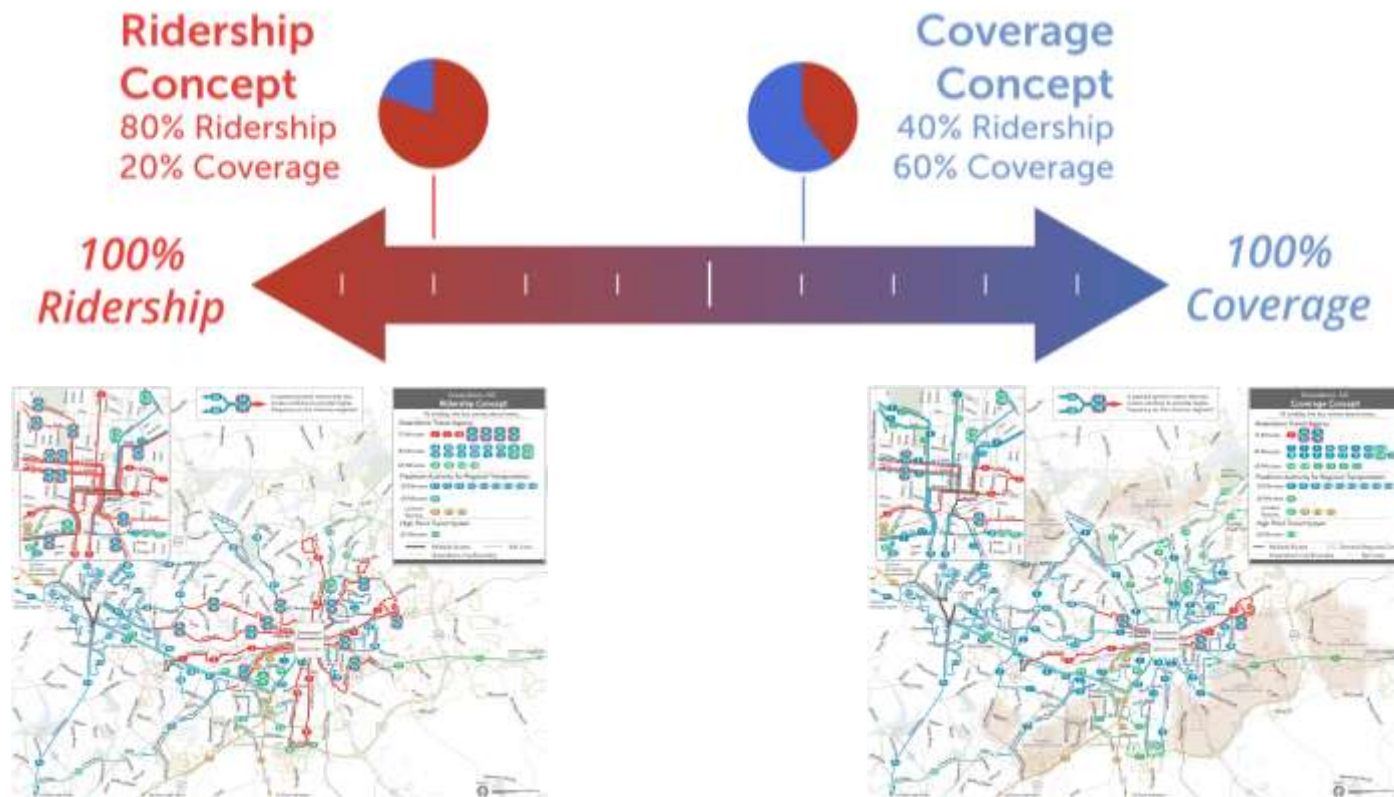
We are here:

1. What should our priorities be?
Which alternative do you prefer?

2. Do we have the network right?



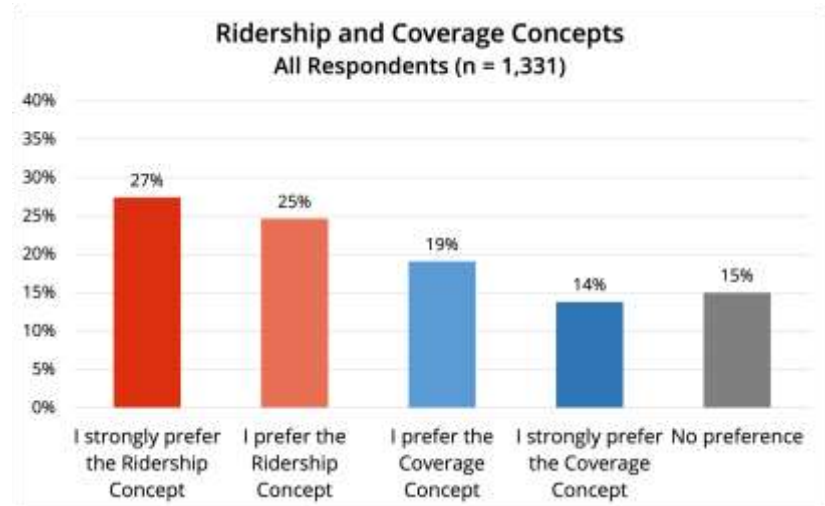
Spectrum of Possibility: Ridership and Coverage Concepts



Response to Ridership and Coverage Concepts

Overall, respondents preferred the Ridership Concept

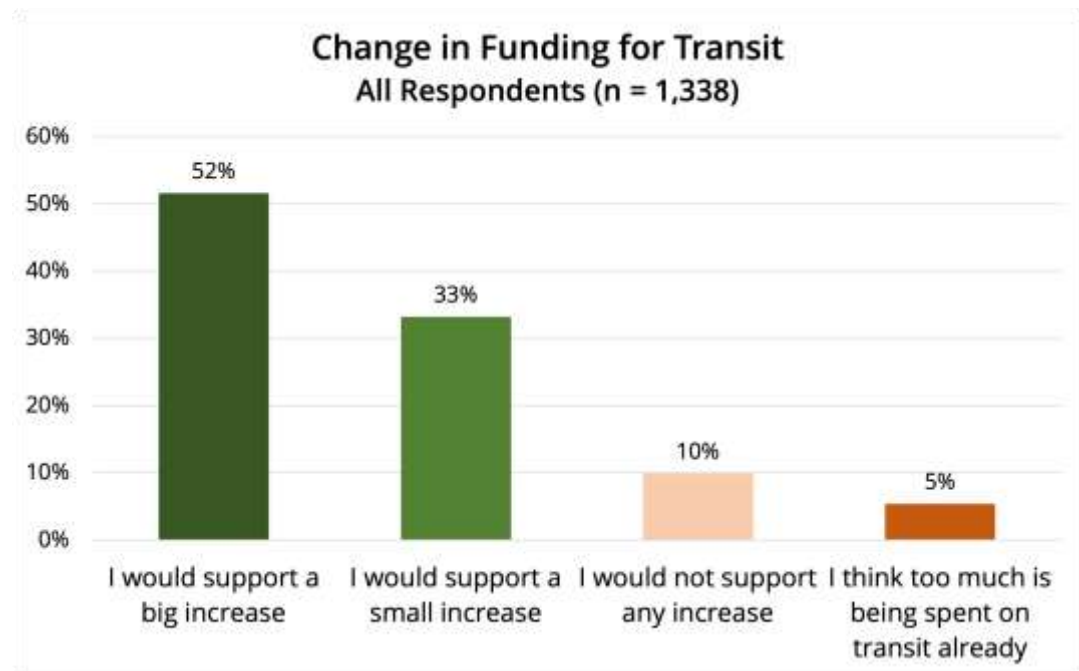
- 52% of respondents preferred the Ridership Concept
- 33% of respondents preferred the Coverage Concept
- **Across every category** more people prefer Ridership Concept than Coverage



Support for Increased Funding for Transit

Large majority (85%) of respondents support an increase in funding for transit.

Majority (52%) of respondents support a big increase in transit funding.



Next Steps: Phases 2 & 3

- **Based on Council policy direction**
- Short, Mid, and Long-Term Networks
- Identify Associated Improvements like Active Transportation and TOD
- January - February

- Engage Stakeholders through Interviews and Workshops
- Engage Public Through Listening Sessions & Surveys
- February - April

- Revise and Update Recommendations
- Finalize Funding Plan and Implementation Schedule
- Report Back to Public and Stakeholders
- May - August

FHWA Updates – December 2023

- Agenda packet includes summary information about:
 - FY 24 Appropriations Approved by President
 - Funding continued through January 19 and February 2, 2024
 - New Greenhouse Gas Performance Measure
 - Recent Funding Announcements
 - Recent Publications, Guidance and Reports
 - Upcoming Webinars

Other Items

1. Member Updates
2. Wrap up

Next TCC meeting date: January 29 at 2:00 PM

Greensboro Urban Area MPO



Technical Coordinating Committee
December 11, 2023