



NC Capital Area **Metropolitan Planning Organization**

# Executive Board Meeting



January 20, 2021

4:00 P.M.



# Roll Call - Attendance

Town of Angier

Town of Apex

Town of Archer Lodge

Town of Bunn

Town of Cary

Town of Clayton

City of Creedmoor

Franklin County

Town of Franklinton

Town of Fuquay-Varina

Town of Garner

GoTriangle Board of  
Trustees

Granville County

Harnett County

Town of Holly Springs

Johnston County

Town of Knightdale

Town of Morrisville

NC Board of Transportation

City of Raleigh

Town of Rolesville

Wake County

Town of Wake Forest

Town of Wendell

Town of Youngsville

Town of Zebulon

1. Welcome and Introductions  
*Roll Call of Voting Members & Alternates*
2. Adjustments to the Agenda
3. Ethics Statement:

*In accordance with the State Government Ethics Act, it is the duty of every Executive Board member to avoid conflicts of interest.*

*Does any Executive Board member have any known conflict of interest with respect to matters coming before the Executive Board today? If so, please identify the conflict and refrain from any participation in the particular matter involved.*

### 3. Ethics con't.

Executive Board members and alternates are required by law to file certain financial disclosures called the **Statement of Economic Interest (SEI)** and **Real Estate Disclosure (RED)** forms with the State Ethics Commission.

These two forms are due within 60 days of appointment and then every year thereafter.

Failure to file may result in **fines of up to \$500** annually for an Executive Board member or alternate.

**MPO/RPO TAC Filers | Ethics Commission (nc.gov)**

<https://ethics.nc.gov/seis/electronic-filing>

## 4. Public Comments

*This is an opportunity for comments by those in attendance. Please limit comments to three minutes for each speaker.*

## 5. Consent Agenda

### 5.1 Executive Board November 2020 Meeting Minutes Draft

Requested Action: Approve the November 2020 Meeting Minutes.

### 5.2 FY 21 Unified Planning Work Program - Amendment #2

Requested Action: Receive as information.

### 5.3 Unified Planning Work Program (UPWP) and MPO Self-Certification - FY 22

Requested Action: Receive as information.

### 5.4 FY 2021, Q2/Q3 Wake Transit Work Plan Amendments

Requested Action: Approve the FY 2021 Q2/Q3 Wake Transit Work Plan Amendment Requests and authorize the Executive Director to sign the applicable project-level agreements.

# End of Consent Agenda

## 6. Public Hearings

6.1 Locally Administered Projects Program (LAPP) Investment Program

6.2 Locally Preferred Alternative for Downtown Cary Transit Center



## 6.1 Locally Administered Projects Program (LAPP) Investment Program

## 6.1 Locally Administered Projects Program (LAPP) Investment Program

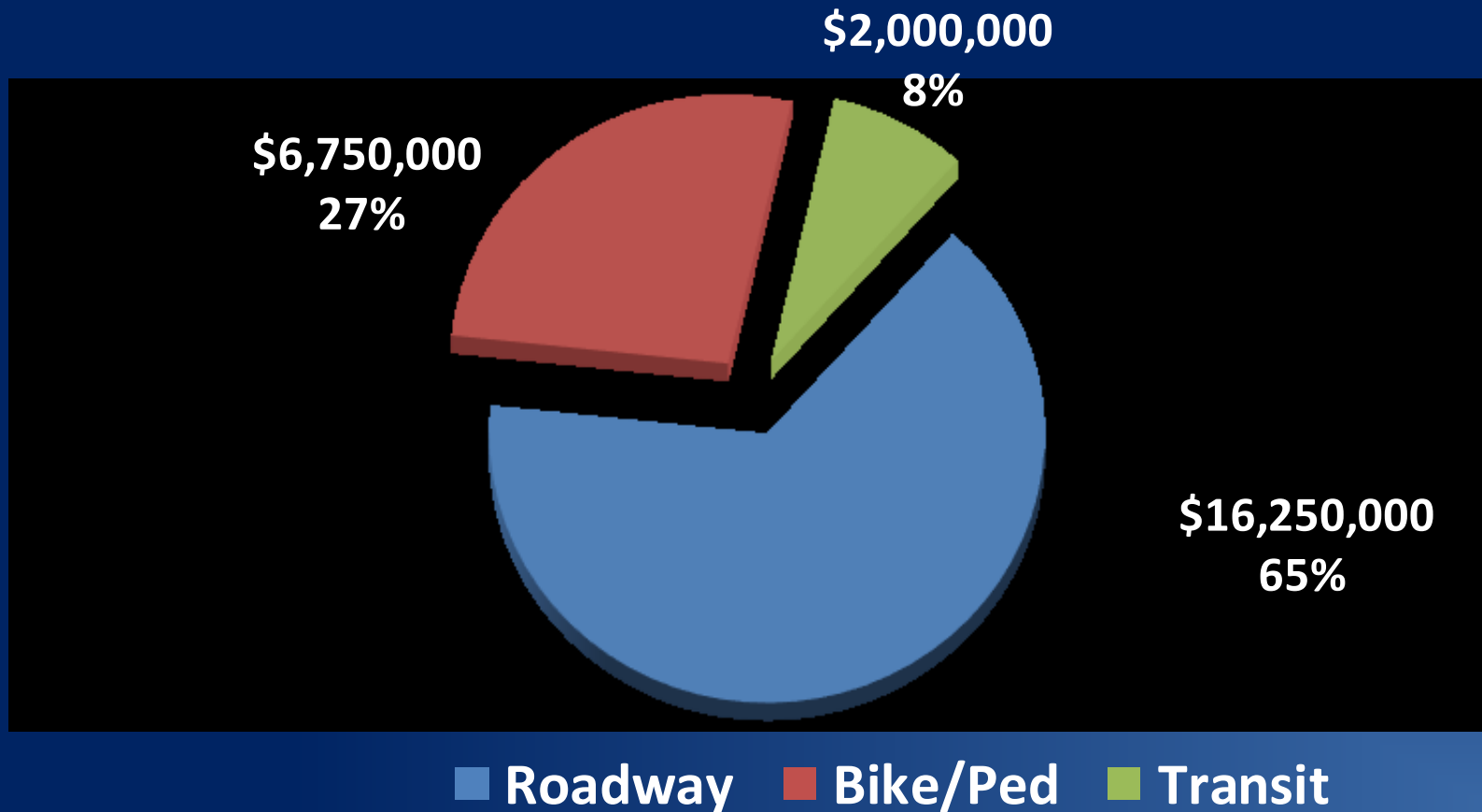
Call for Projects FFY 2022 LAPP Funds Opened in August 2020

- 30 Eligible Projects Submitted

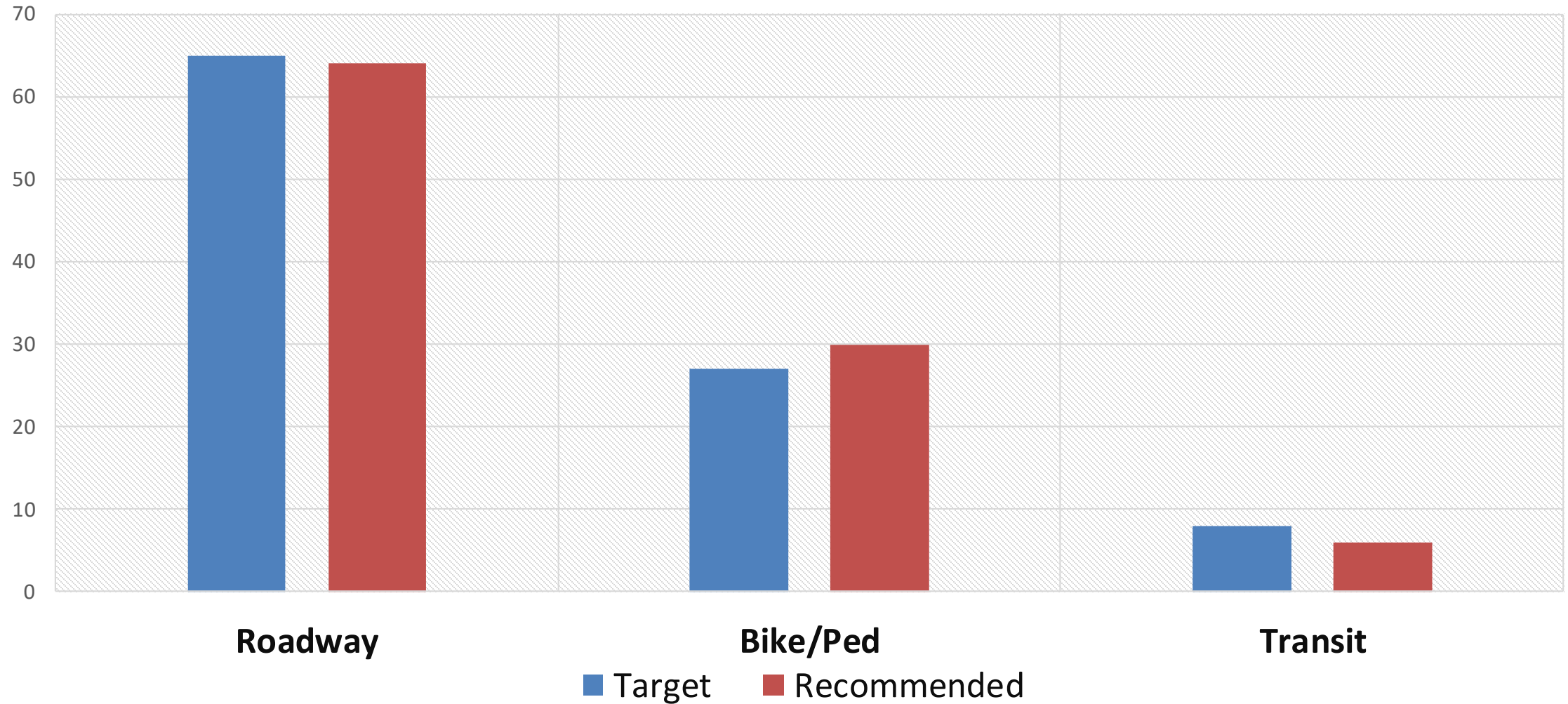
Scoring:

- Highway projects against other highway projects
- Bicycle and pedestrian projects against other bicycle and pedestrian projects
- Transit projects against other transit projects

# FFY 2022 LAPP Target Modal Investment Mix



## Target Versus Recommended Modal Investment Mix



# Project Selection Process

- Staff seeks applicant clarification only to confirm eligibility and clarify project details
  - Eligibility Concerns: Federal Aid Eligible, MTP Compliant, Shovel Ready, etc.
  - Administrative Concerns: Reasonable Schedule, Required Materials, etc.
- LAPP Selection Committee discusses evaluation philosophy, including:
  - Serving as an external reasonable check.
  - Raising questions: Has the applicant covered their bases?
  - Recommending approaches to implementation to improve the outcomes.
- LAPP Selection Committee reviews eligible FFY 2022 LAPP project submissions.
- All projects are expected to score at least 50% of the points awarded to the top-scoring project in each mode.
  - If a project does not, Selection Committee determines if the project should be funded OR if the funds from that modal mix element should be reallocated to another modal mix element to fund higher-scoring projects.

# Roadway Recommendations: \$16,005,278

Project Name	Sponsoring Agency	Total Cost	Local Match %	CAMPO Cost	Amount Funded	Total Score	Rank Total 14
Airport Boulevard Extension	Morrisville	\$7,074,358	40%	\$ 4,244,615	\$ 4,244,615	58.38	1
Add left turn lanes at SR-2233 (South Smithfield Rd) and SR-1007 (Poole Rd) in Wake County	Division5	\$2,102,500	24%	\$ 1,597,500	\$ 1,597,500	55.38	2
Sunset Lake Road Widening Phase II	Fuquay-Varina	\$1,640,259	20%	\$ 1,312,207	\$ 1,312,207	47.92	3
West Street Extension	Raleigh	\$2,387,000	30%	\$ 1,670,900	\$ 1,670,900	46.69	4
Carpenter Fire Station Rd Widening - Construction	Cary	\$14,830,000	55%	\$ 3,645,000	\$ 3,645,000	46.46	5
Holly Springs Road/Main Street Intersection Improvements	Holly Springs	\$1,200,000	35%	\$ 780,000	\$ 780,000	44.38	6
Lake Boone Trail Safety Improvements	Raleigh	\$1,272,000	20%	\$ 1,017,600	\$ 1,017,600	42.54	7
Highway 401/Mill Creek Rd Intersection Operational Improvements	Fuquay-Varina	\$1,536,438	20%	\$ 1,229,151	\$ 1,229,151	39.08	9
NC 55 Bypass Widening	Holly Springs	\$1,500,000	50%	\$750,000	\$508,305	38.92	10

# Bike/Ped Recommendations: \$7,469,023

Project Name	Sponsoring Agency	Total Cost	Local Match %	CAMPO Cost	Recommended Funding	Total Score	Rank Total 11
Crabtree Creek Greenway Trail Gap	Raleigh	\$1,689,000	47%	\$895,170	\$895,170	61.83	1
Holly Ridge Schools Pedestrian Safety	Holly Springs	\$1,115,000	50%	\$557,500	\$557,500	57.00	3
Downtown Varina Pedestrian Improvements	Fuquay-Varina	\$1,457,490	20%	\$1,165,992	\$1,165,992	56.00	4
Louis Stephens Dr./O'Kelly Chapel Rd. Trail Connection	RTP	\$1,461,644	30%	\$1,176,661	\$1,176,661	54.00	5
Connecting Sidewalks for Bus Stop Improvements: Ronald Dr and Forest Ridge Rd	GoRaleigh	\$1,489,000	20%	\$1,191,200	\$1,191,200	52.00	6
NW Cary Parkway Sidewalk	Cary	\$4,965,000	55%	\$2,482,500	\$2,482,500	43.00	7

# Transit Recommendations \$1,525,700

Project Name	Sponsoring Agency	Total Cost	Local Match %	CAMPO Cost	Recommended Funding	Total Score	Rank Total 5
Downtown Apex Transfer Point Improvements	GoTriangle	\$333,000	50%	\$166,500	\$166,500	58.00	1
Improvements at Existing Bus Stops (Amenities)	GoTriangle	\$671,000	50%	\$335,500	\$335,500	54.50	2
Bundled Enhanced Transfer Points (ETPs)	GoRaleigh	\$984,000	20%	\$787,200	\$787,200	53.50	3
Improvements at Existing Bus Stops (Accessibility)	GoTriangle	\$473,000	50%	\$236,500	\$236,500	52.00	4



# Policy-Level Recommendations

Selection Panel Recommends Further Consideration of Following Policies-  
will be brought to LAPP Steering Committee for Discussion:

- Logical Termini
- Conscious Development
- Accessibility and Environmental Justice in Transit Scoring
- Inclusion of Dedicated Access to Transit Funds in Wake County Transit Plan
- Location Requirement in Transit Bundling Projects

## 6.1 Locally Administered Projects Program (LAPP) Investment Program



- The recommended list of projects has been presented for public comment from January 6th - February 14th, 2021
- A public hearing is scheduled for today's meeting
- Approval anticipated at the February 17th Executive Board Meeting

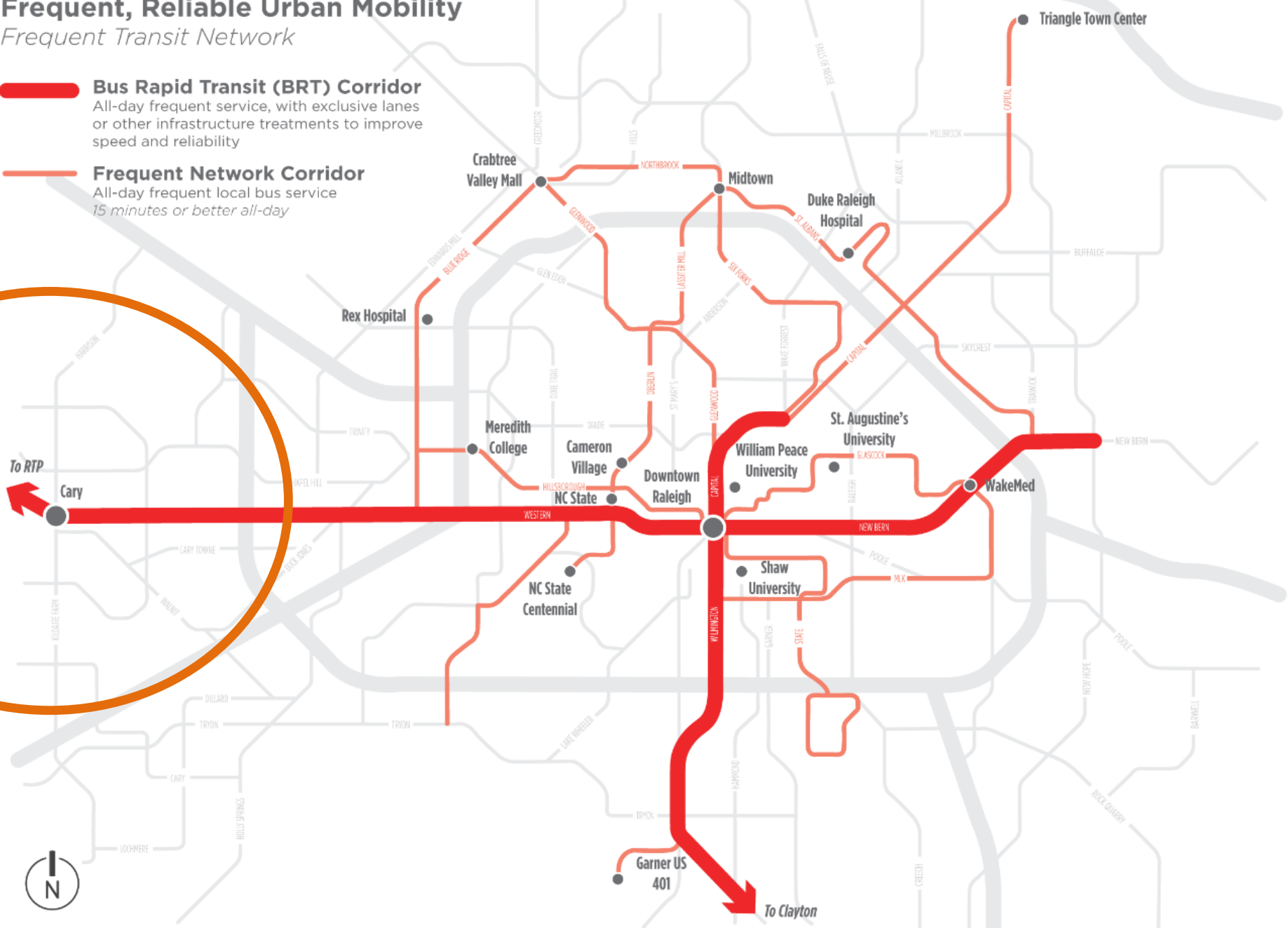
**Requested Action:**  
**Conduct a Public Hearing.**

## 6.2 Locally Preferred Alternative for Downtown Cary Transit Center

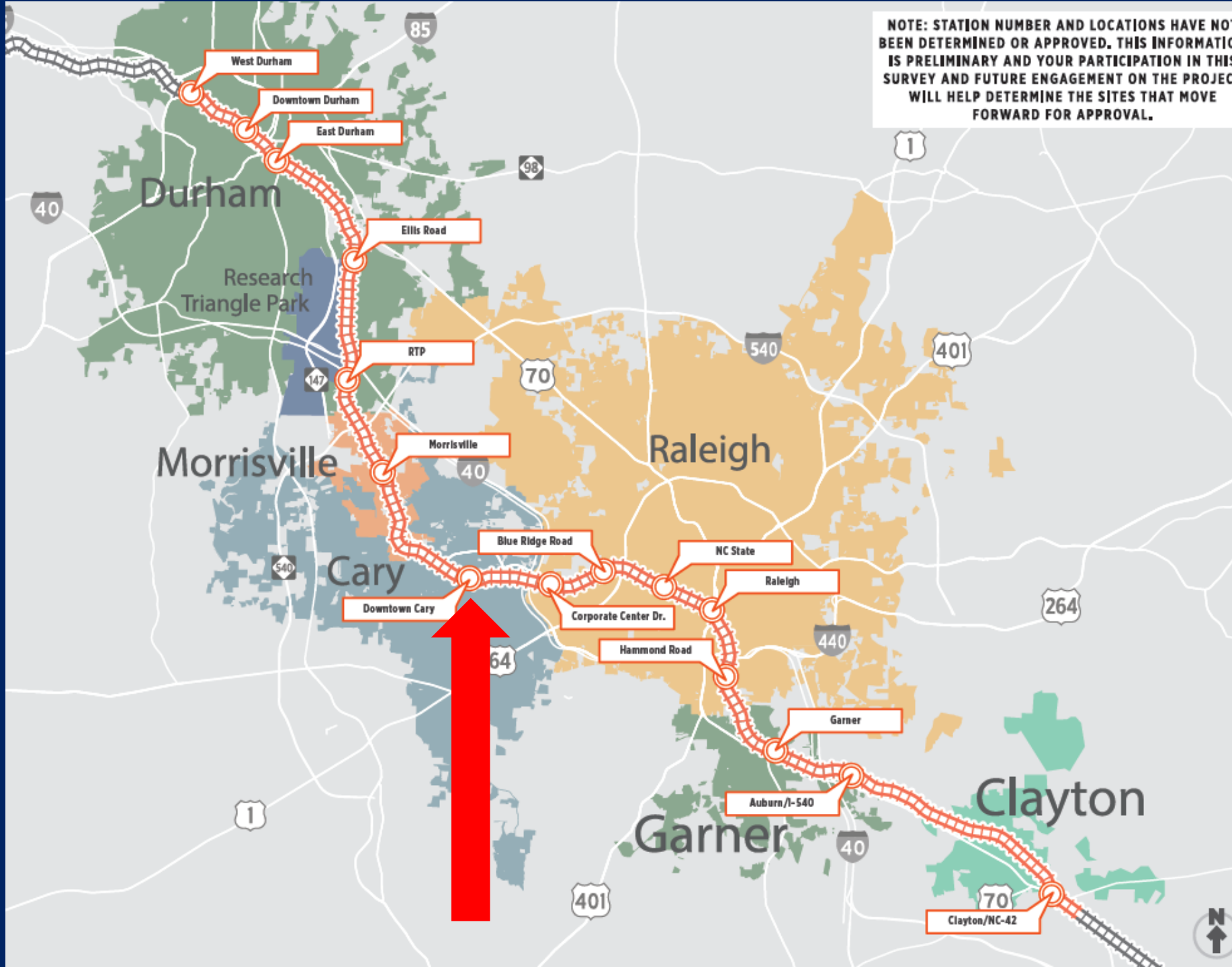
# Frequent, Reliable Urban Mobility

## Frequent Transit Network

-  **Bus Rapid Transit (BRT) Corridor**  
All-day frequent service, with exclusive lanes or other infrastructure treatments to improve speed and reliability
-  **Frequent Network Corridor**  
All-day frequent local bus service  
15 minutes or better all-day



NOTE: STATION NUMBER AND LOCATIONS HAVE NOT BEEN DETERMINED OR APPROVED. THIS INFORMATION IS PRELIMINARY AND YOUR PARTICIPATION IN THIS SURVEY AND FUTURE ENGAGEMENT ON THE PROJECT WILL HELP DETERMINE THE SITES THAT MOVE FORWARD FOR APPROVAL.





# 2045 Metropolitan Transportation Plan Adopted Transit Corridors

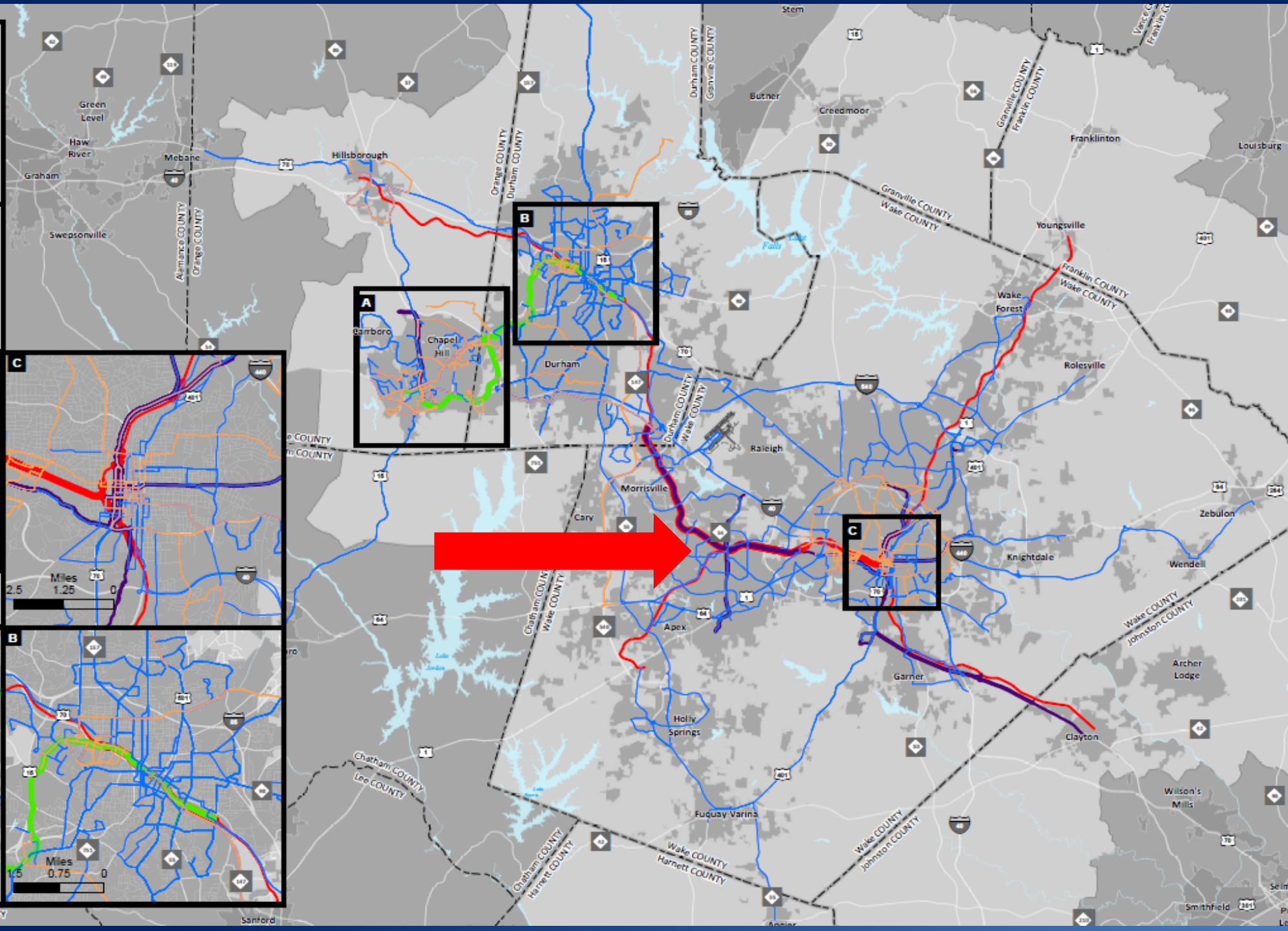
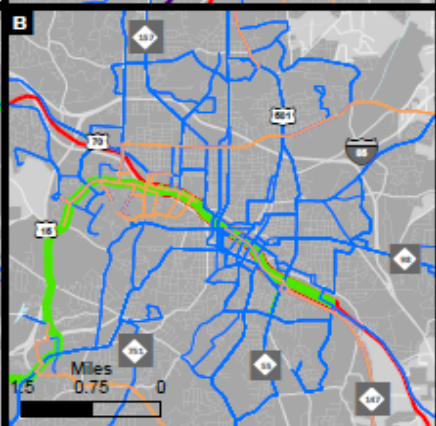
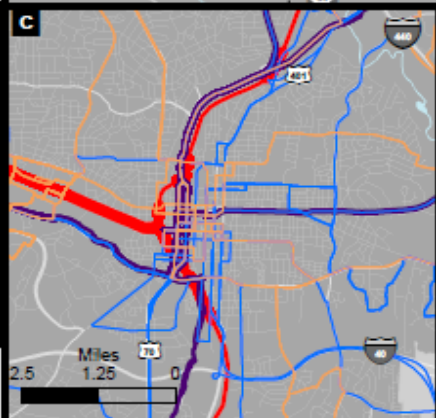
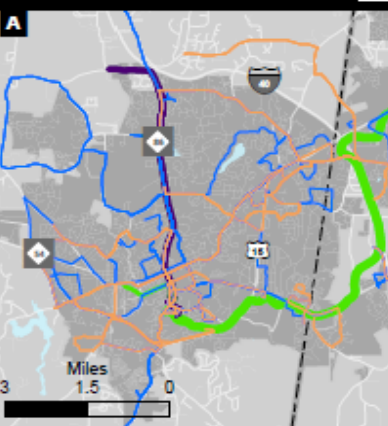
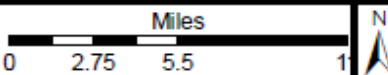


INSET NOT TO SCALE

## Transit Projects

### Mode

- Commuter Rail Transit
- Light Rail Transit
- Bus Rapid Transit
- Bus, < 15 Minute Headway
- Bus, > 15 Minute Headway





# Existing Cary Depot Facility





## Existing Cary Depot Facility



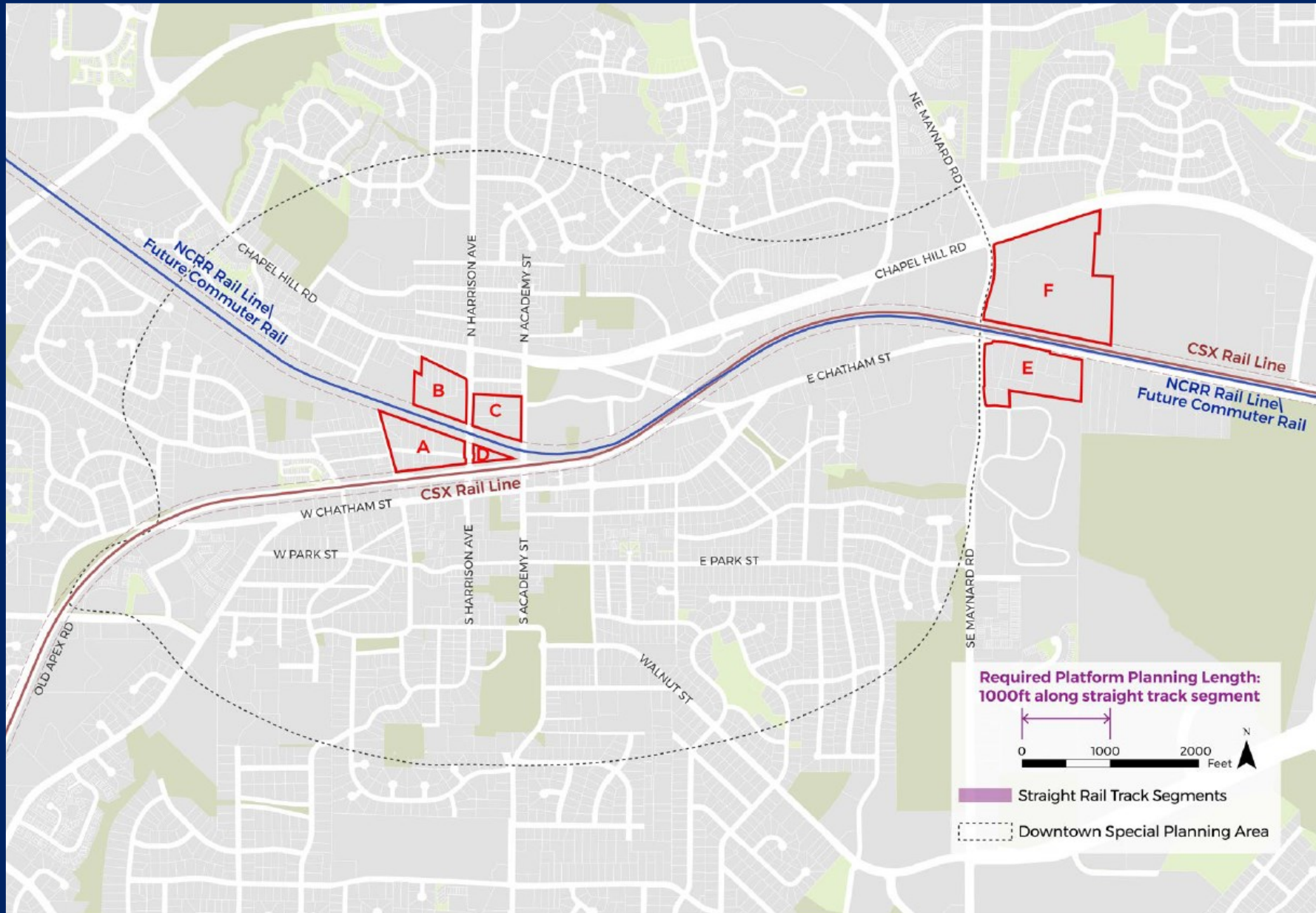
- **Station for 5 Inter-City Passenger Trains**
- **Designed as Train Station, Not as a Multi-Modal Hub**
- **Currently Transfer Facility for:**
  - **7 Local Bus Routes**
  - **3 Regional Bus Routes**
- **Severely Over-Capacity**
- **Planned to Accommodate BRT, Commuter Rail, and Additional Bus Services**



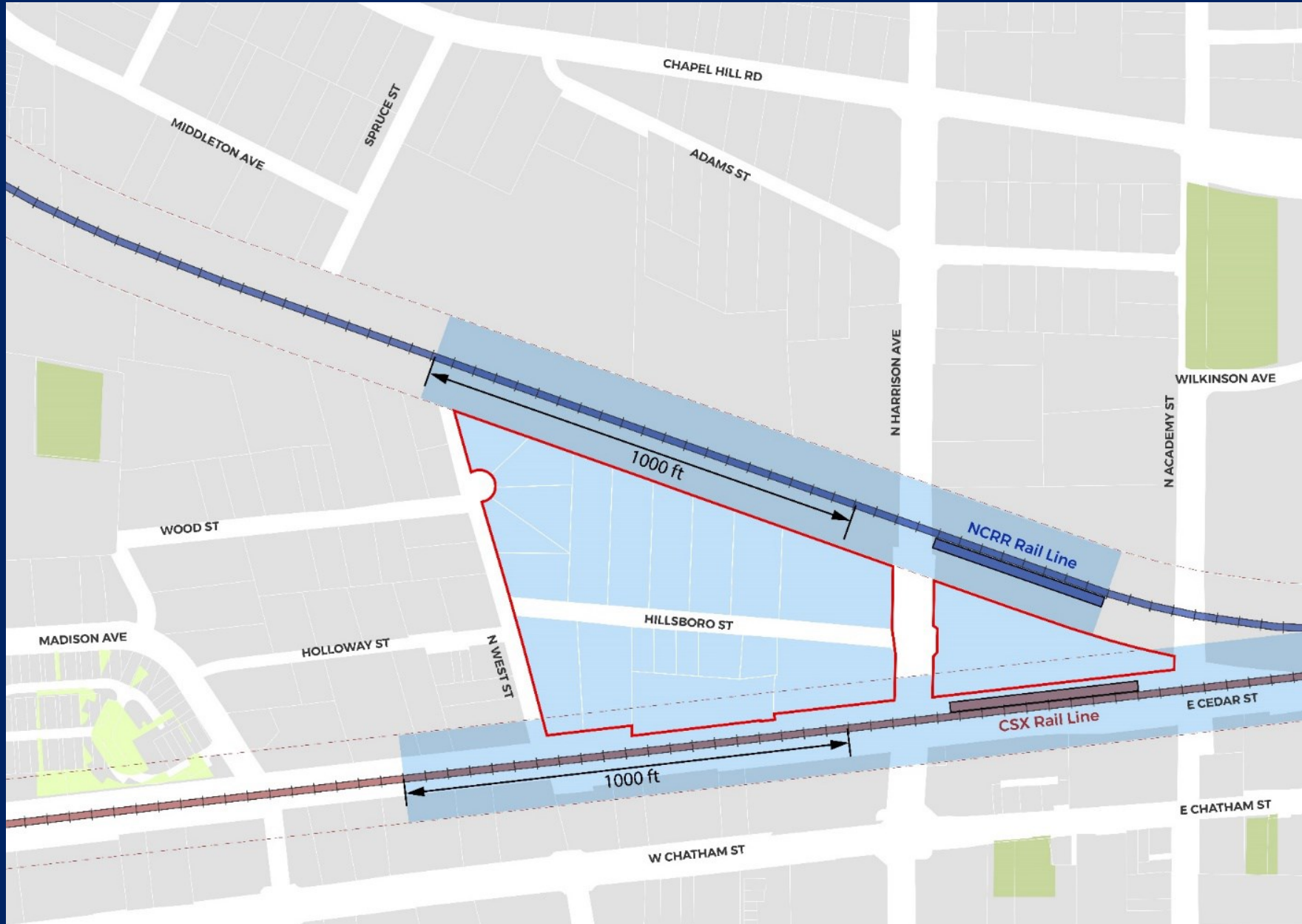
# Locally Preferred Alternative Considerations

- Site/Location of Facility
  - On what site or parcels of land is the facility proposed to be constructed?
  - Map on next slide
- Modes of Travel to Be Accommodated
  - What travel modes need to be accommodated at the facility?
  - Inter-city passenger rail, BRT, commuter rail, regional and local bus services, walking, biking, personal automobile
- Necessary Capacity to Accommodate Planned Modes
  - Does the site selected for the facility have the necessary capacity to accommodate the planned modes of travel?
  - 40-year useful life
  - Necessary size to accommodate BRT/bus vehicle layovers, maneuvering, and parking; train boarding platforms; proper passenger transfer circulation; pedestrian accessibility; long-term parking; etc.

# Alternatives Evaluated



## Downtown Cary Multi-Modal Facility – Proposed Locally Preferred Alternative



# Support for Locally Preferred Alternative

## Purpose and Need for Project

- Adequately sized and positioned comprehensive multi-modal transportation facility
- Facilitate expanded transportation options and regional connections
- Enhance and enrich downtown development efforts

## Analysis of Potential Alternatives

- Site/Location: Most suitable alternative that adequately accommodates all modes to be served
- Modes Accommodated: Site is located and positioned to serve all planned modes of travel
- Necessary Capacity: Site is appropriately sized to adequately serve all planned modes and necessary program requirements

Concurrence from Cooperating Agencies – NCDOT, CAMPO, SHPO, NCRR, FRA

## Locally Preferred Alternative Consideration Schedule

ACTION	DATE
Town of Cary Endorsed LPA	February 2020
Public Comment Period Began	January 6
LPA to Executive Board as Information and Public Hearing	January 20
TCC Recommendation on LPA	February 4
Public Comment Period Ends	February 14
Executive Board Action on LPA	February 17



## 6.2 Locally Preferred Alternative for Downtown Cary Transit Center

**Requested Action:**  
**Conduct a Public Hearing.**

# End of Public Hearings

## 7. Regular Business



## 7.1 Election of Chair and Vice Chair for 2021

According to the Executive Board Bylaws, the positions of Chair and Vice Chair are to be elected during the first meeting of each calendar year. Chair and Vice Chair **serve** for one year terms, for a maximum of three consecutive terms.

Current Chair Sig Hutchinson has served for one term. Current Vice Chair Vivian Jones has served for one term.

**Requested Action:**  
**Conduct election of Chair and Vice Chair.**

# Roll Call – Election Vote

Town of Angier

Town of Apex

Town of Archer Lodge

Town of Bunn

Town of Cary

Town of Clayton

City of Creedmoor

Franklin County

Town of Franklinton

Town of Fuquay-Varina

Town of Garner

GoTriangle Board of  
Trustees

Granville County

Harnett County

Town of Holly Springs

Johnston County

Town of Knightdale

Town of Morrisville

NC Board of Transportation

City of Raleigh

Town of Rolesville

Wake County

Town of Wake Forest

Town of Wendell

Town of Youngsville

Town of Zebulon

## 7.2 DRAFT 2050 MTP Scenario Development

# The 2050 Metropolitan Transportation Plan

## -- Steps and Scenarios --

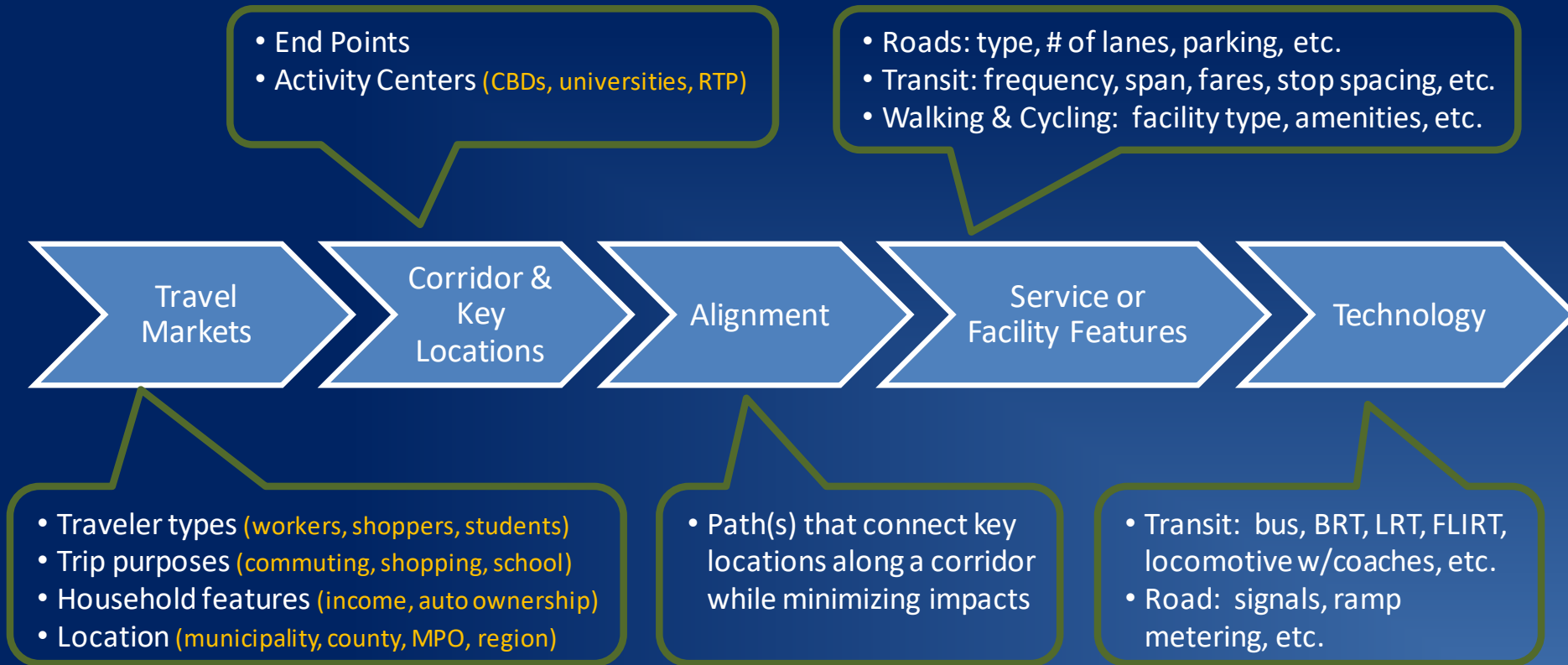
John Hodges-Copple  
Triangle J Council of Governments

January 2021

# Outline

- From markets to investments
- The 12 steps to the 2050 Metropolitan Transportation Plan
- Framework for Creating Development & Mobility Investment Scenarios
  - The CommunityViz Growth Tool
- Conversation Starters

# From Travel Markets to Investments



# Context

The “MTP” is the foundation for other plans and studies (these are transit examples, but the context applies to roads or other modes)

- 2050 Metropolitan Transportation Plan
- County Transit Plan updates in Wake, Durham and Orange Counties
- Project Studies and Designs:
  - **Commuter Rail** between Wake and Durham (and maybe extending to Johnston County in initial investment and Orange County in a latter phase)
  - Relocation of GoTriangle’s **Regional Transit Center**

## Opportunities & challenges to consider...

- ... post-COVID conditions
- ... technology change
- ... balancing transportation *demand* concerns with *supply* concerns
- ... rethinking land use, affordable housing, transit pricing and parking policies

# The 2050 Metropolitan Transportation Plan

1. Build the Planning Tools
  - a. CommunityViz Growth Allocation (TJCOG)
  - b. Triangle Region Transportation Model (ITRE-NCSU)
2. Determine Vision, Goals, Objectives, Performance Measures, Targets
3. Establish the Scenario Framework
4. Create the Development & Mobility Investment Foundations for Each Scenario
5. Adopt Population and Job Guide Targets to 2050
6. Analyze a “Learning Scenario” based on *Connect2045* and updated population and job data and forecasts



# The 2050 Metropolitan Transportation Plan

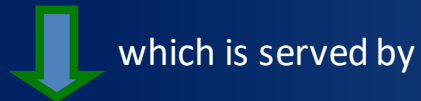
7. Conduct a “Deficiency and Needs” Analysis
8. Refine and Use Tools to Create Detailed Scenarios
9. Conduct Alternatives Analysis of Scenarios
10. Select a Preferred Scenario
11. Complete 2050 MTP Report
12. Adopt the 2050 MTP and Demonstrate Air Quality Conformity (late 2021/early 2022)

# Why: Scenarios Can Inform Decisions

## ❖ Land Use ...



## ❖ Travel ...



## ❖ Mobility Investments

A robust analysis looks at each of these elements:  
land use, travel markets, and investments



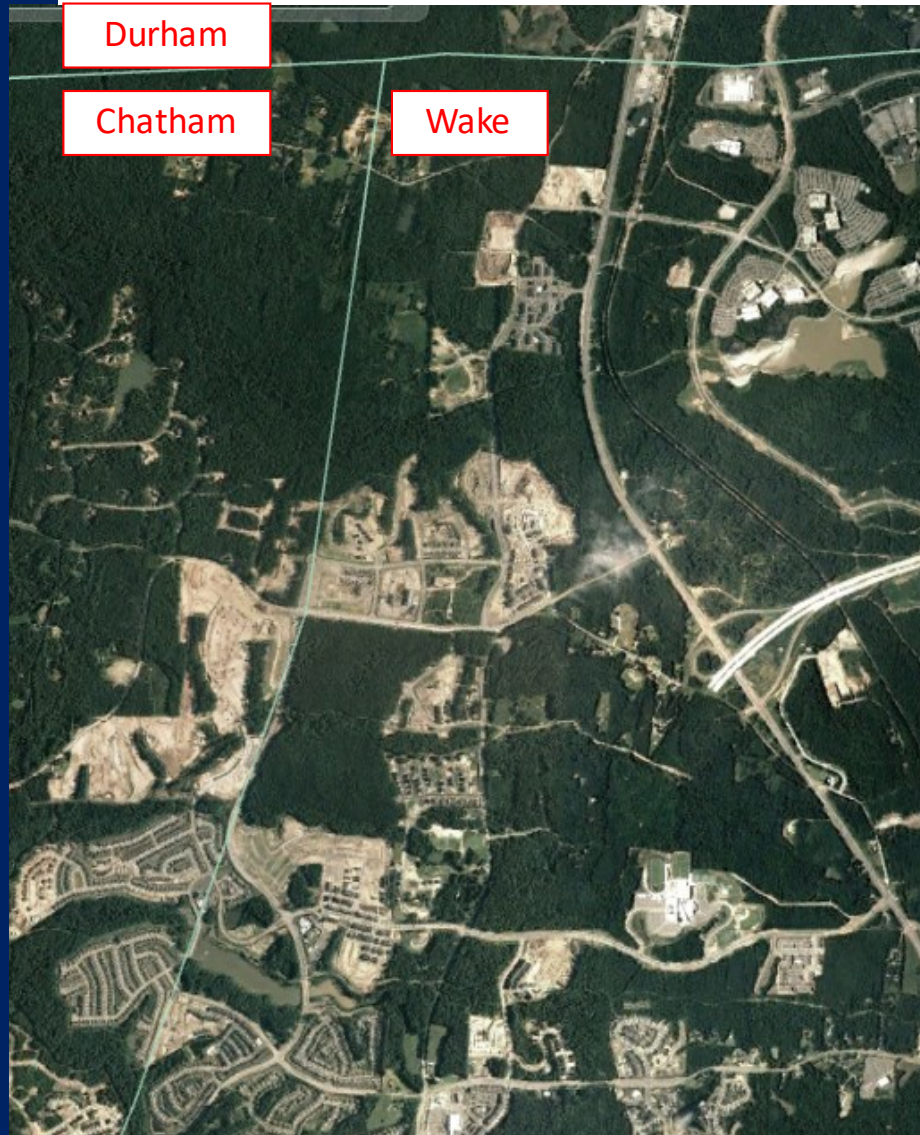
CommunityViz  
growth forecast

transportation  
model

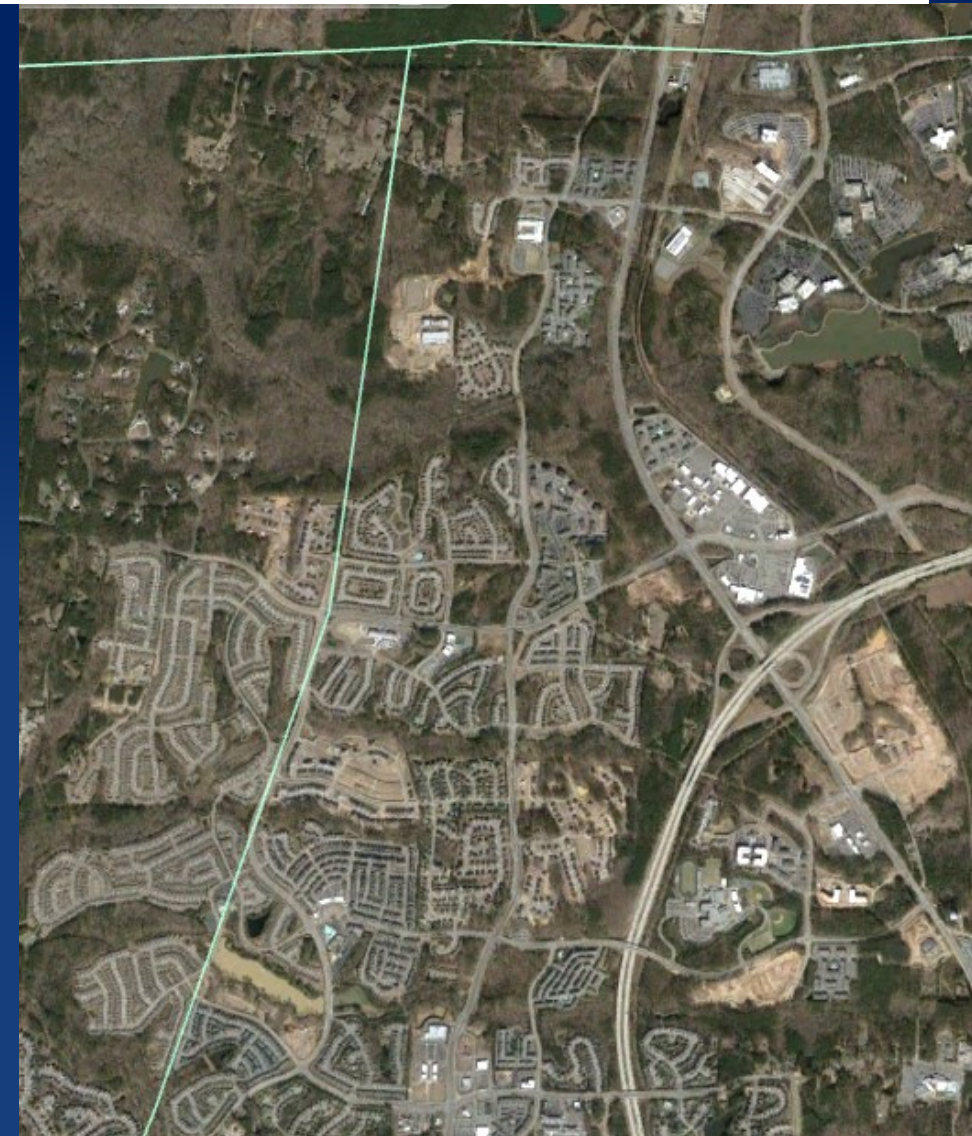
2050  
transportation  
plan



## Why: An example of the importance of looking at future scenarios



October 2008



February 2019



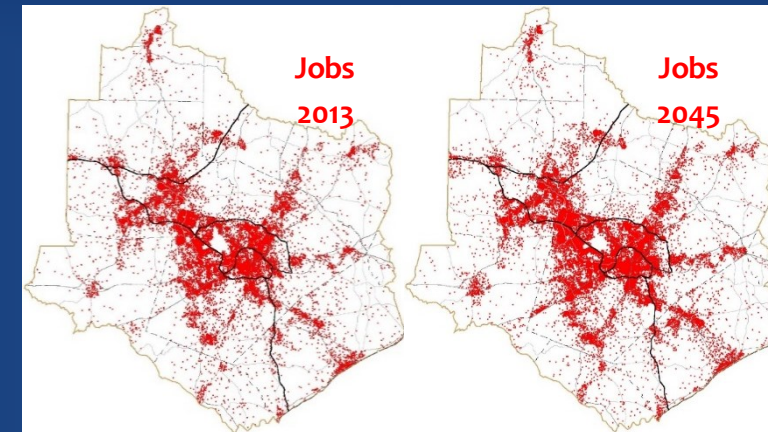
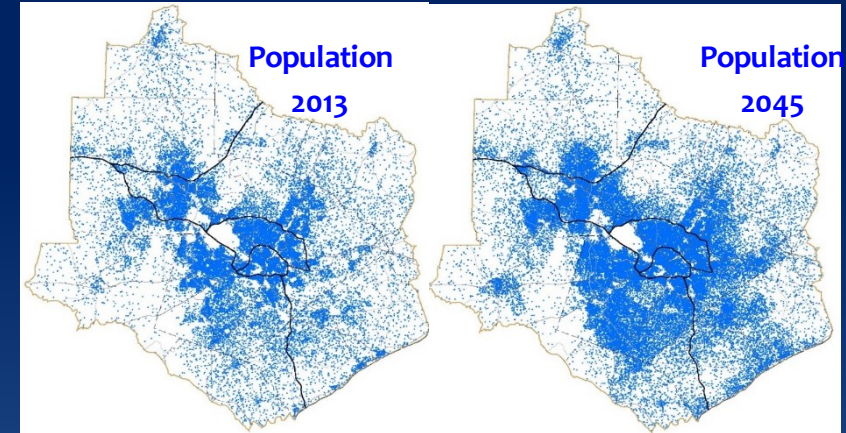
# How: Beginning With The End In Mind

## ❖ During 2021

- ❑ Creating different future growth scenarios
- ❑ Allocating growth based on the scenarios
  - Population
  - **Jobs**
- ❑ Evaluating the differing impacts among scenarios

## ❖ Late 2021 or Early 2022

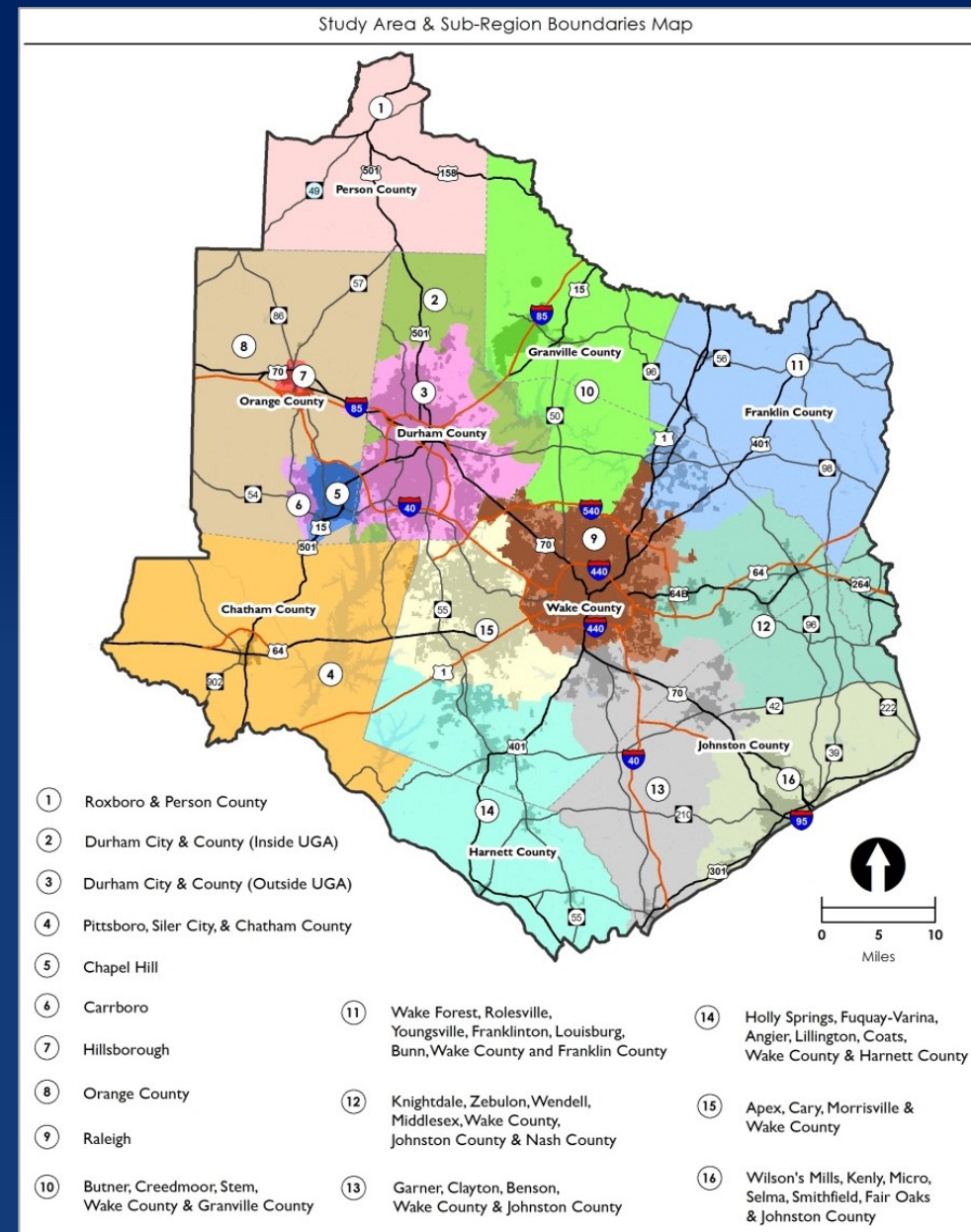
- ❑ 2050 MTP adopted by CAMPO and DCHC MPO



2045 MTP results: each dot is 50 jobs or people

# How: the CommunityViz Growth Tool

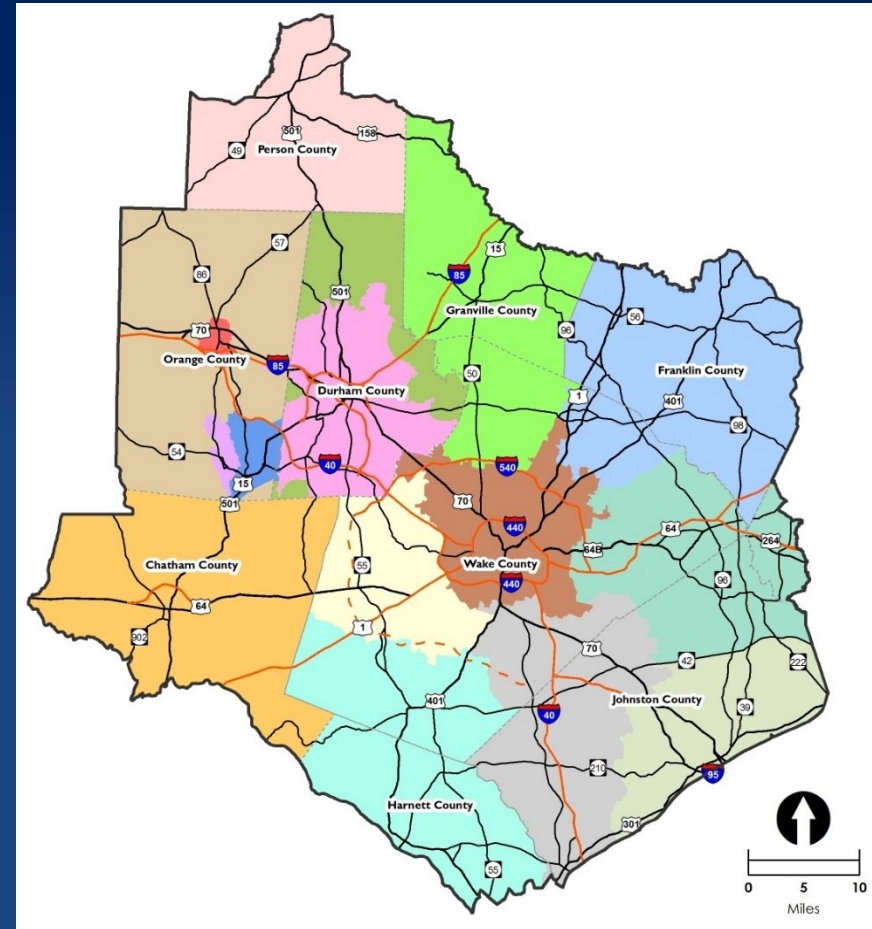
- ❖ CommunityViz is a tool to understand growth capacities and allocate future growth
- ❖ It can be used to create future development scenarios and help understand their relative impacts
- ❖ It needs 5 basic inputs



# CommunityViz

## Bringing Consistency to a Complex Situation

- ❖ Triangle Transportation Model Study Area
  - ❑ 3,500 square miles
  - ❑ 700,000 parcels
  - ❑ 104,370 CommunityViz grid cells
- ❖ 3 MPOs
- ❖ 4 RPOs
- ❖ 16 Model Sub-Regions
- ❖ Local Governments Involved:
  - ❖ 10 counties
  - ❖ 40+ cities & towns



# What CommunityViz Needs To Create a Scenario



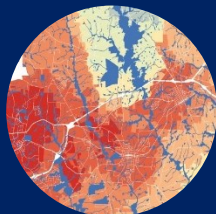
- ❖ The location of features that constrain development, such as water bodies, wetlands and stream buffers



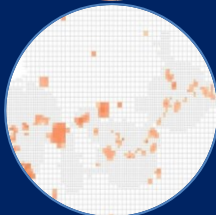
- ❖ The type of place each parcel ***will become*** (and the intensity of each place type for each jurisdiction)



- ❖ The current development status of each parcel relative to its future use



- ❖ The factors that will influence how attractive each parcel is for development, termed land suitability



- ❖ The types and amounts of growth that will be allocated, termed “growth targets”



# CommunityViz Local Guide Books & Look-Up Tables

[www.tjcog.org](http://www.tjcog.org) → programs → transportation planning →  
metropolitan planning organization support [scroll down to CommunityViz]













# Scenario Framework

*"Prediction is very difficult, especially if it's about the future."*

-- Nils Bohr, Nobel laureate in Physics



Connect 2050 Scenario Matrix (example from 2045 MTP)			   				
			Mobility Investment Foundation				
			Existing & Committed	Constrained	Moderate	Aspirational	Comprehensive Transport Plan
   	Development Foundation	Existing or Underway	This cell is the base for all scenarios				
		Existing Zoning		✓			
		Community Plans			Community Plans Scenario		
		Aspirational			✓	Aspirational Scenario	
		Build-Out					If unlimited \$ and capacity growth

Note: Green cells were scenarios analyzed in 2045 MTP; check-marked cells were considered for analysis, but not analyzed in detail.

# The Development Foundation

-- a focus on important trip origins and destinations --

## *Key Hubs*

Hubs	Description	Examples
 Anchors	Places with the highest concentrations of jobs and services, plus places with moderate intensity and an anchor institution that can influence mobility-based policy decisions	<ul style="list-style-type: none"><li>• Metropolitan CBDs</li><li>• Major Universities</li><li>• Medical Centers</li><li>• Research Triangle Park</li></ul>
 Mainstays	Places with regionally significant concentrations of jobs, either outright or in comparison to their surroundings	<ul style="list-style-type: none"><li>• Many mid-sized town and city centers</li><li>• Some suburban centers, often along major transportation corridors</li></ul>

## *REINVEST Neighborhoods – equity centered places*

<b>RE</b>	Race/Ethnicity – the degree to which a neighborhood is home to people who are Black, Indigenous or People of Color (BIPOC).
<b>IN</b>	Income – the degree to which people in the neighborhood live in households with lower annual incomes.
<b>VE</b>	Vehicles – the degree to which households in the neighborhood report having no vehicles available
<b>ST</b>	Status – the degree to which a neighborhood has a specific characteristic, e.g. the # of legally-binding, affordability-restricted (LBAR) housing units

# Conversation Starters

1. What key mobility investments should be part of one or more scenarios?
2. If our transportation investment decisions are to avoid being “silo-ed,” what are other policy issues that should be front and center in 2050 MTP scenario discussions?
3. What else should we be mindful of as we consider long term investments for mobility within the Triangle?
4. What is most important to measure as we compare scenarios?

## 7.2 DRAFT 2050 MTP Scenario Development

### Requested Action:

Receive as information and comment on  
alternatives analysis framework.

## 7.3 FY 2020 Wake Transit Annual Report

# FY 2020 Wake Transit Annual Progress Report

Executive Board Meeting  
January 20, 2021

# Progress Report Accomplishments

## Service Improvements Implemented

- Added two all-day service routes
- Added midday service and new week-day service
- Connected regional transit routes and added peak-period trips for frequency
- Altered service to improve reliability
- Improved customer service

# Progress Report Accomplishments

## Capital Projects Implemented

- Bus Stop Improvements
  - Completed the design work and initiated the construction of 57 bus stops
  - Began the design phase to improve 77 existing bus stops
  - Completed 21 bus stops improvements for Wake Transit Plan funded routes
  - Completed safety and ADA accessibility improvements at 29 bus stops
- Transit Facilities
  - Completed study or preliminary design for two bus operations and maintenance facilities
  - Continued feasibility studies for a multimodal transit facility, Wake park-and-ride lots, transit centers, and the Raleigh Union Station bus facility



# Progress Report Accomplishments

## Capital Projects Implemented (continued)

- Procurements
  - Ordered 10 compress natural gas buses
  - Procured 5 buses and 2 electric buses
- Planning Projects Initiated
  - Initiated planning and design for transfer points
  - Completed two park-and-ride lots designs
  - Selected the locally preferred alternative and completed preliminary engineering for the BRT New Bern Avenue corridor
  - Initiated Phase 2 of the Greater Triangle Commuter Rail Feasibility Study
  - Began updating the Wake Transit Plan
  - Began developing the Wake Transit Performance Tracker

# Overall Program



## Ridership

- Ridership decreased overall from 8% - 18% as transit demands nationwide were reduced significantly due to COVID

## Revenue Hours

- Revenue hours increased for two agencies and service was reduced for an agency in the 4<sup>th</sup> quarter due to COVID
- Revenue hours decreased for two agencies due to COVID



## Four Big Moves

- Added, expanded, and altered bus service to connect communities in Knightdale, Rolesville, Wake Forest, Garner, Raleigh, Cary, Durham, Chapel Hill, and RTP
- Provided additional service to senior riders
- Designed and improved bus stops system-wide
- Continued work on BRT and CRT to enhance access to transit

# What's Next?

## **Service Improvements**

- Implement systemwide changes to add new routes or service, increase frequency, and extend service to connect communities

## **Capital Projects**

- Bus stop improvements
- Continue or begin designs for Raleigh Union Station and maintenance facilities
- Preliminary engineering for the Regional Transit Center and park-and-ride lots

## **Planning Projects**

- Continue work on BRT and CRT
- Initiate the Regional Fleet and Facilities Study

# Financials

## Revenues

½ Cent Local Option Sales Tax	93,403,840
Vehicle Rental Tax	3,653,862
\$7.00 Vehicle Registration Tax	6,300,203
\$3.00 Vehicle Registration Tax	2,699,127
Other	3,236,060
<b>Total Revenues</b>	<b>109,293,092</b>

## Expenses



## 7.3 FY 2020 Wake Transit Annual Report

**Requested Action:**  
**Receive as information.**

## 7.4 Greater Triangle Commuter Rail Phase II Study Progress Update

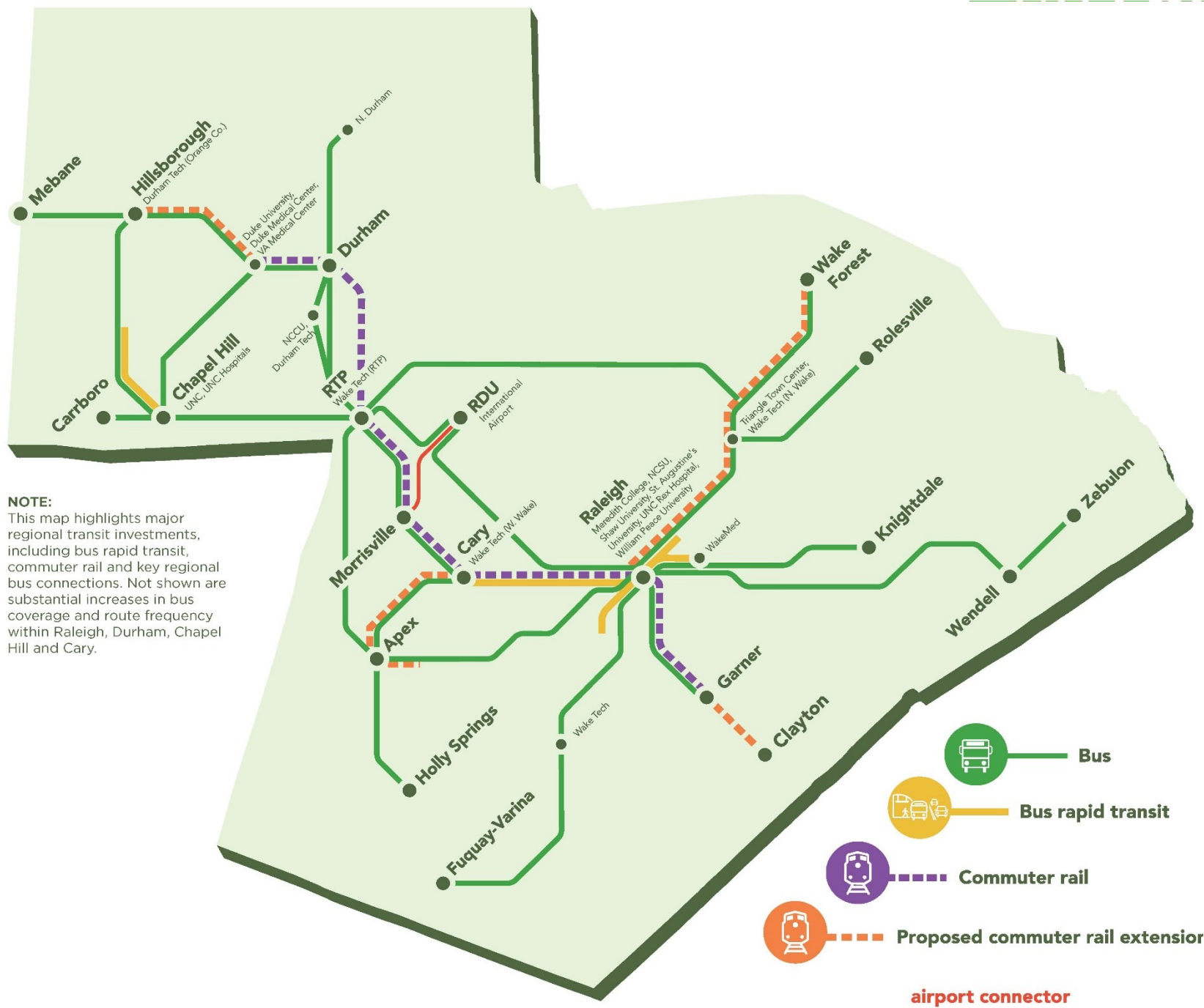
# *Greater Triangle Commuter Rail Study Update*

**GO FORWARD**  
A COMMUNITY INVESTMENT IN TRANSIT

January 2021

Capital Area Metropolitan Planning Organization





# CURRENT STUDY



Study funding partners

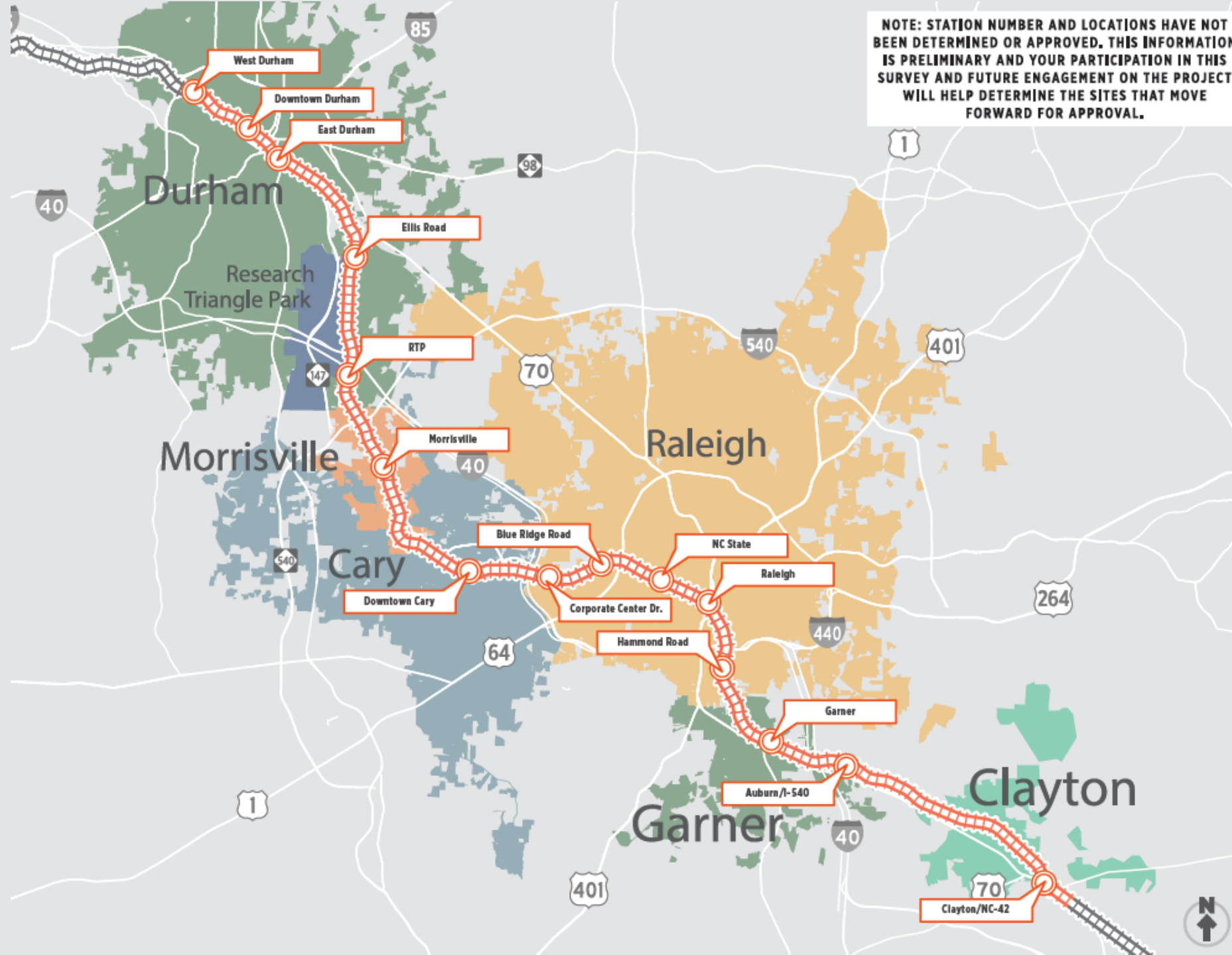
Execute Triangle's core transportation planning functions

Project sponsor

Sponsors intercity passenger rail on the corridor and has other rail-highway safety mandates

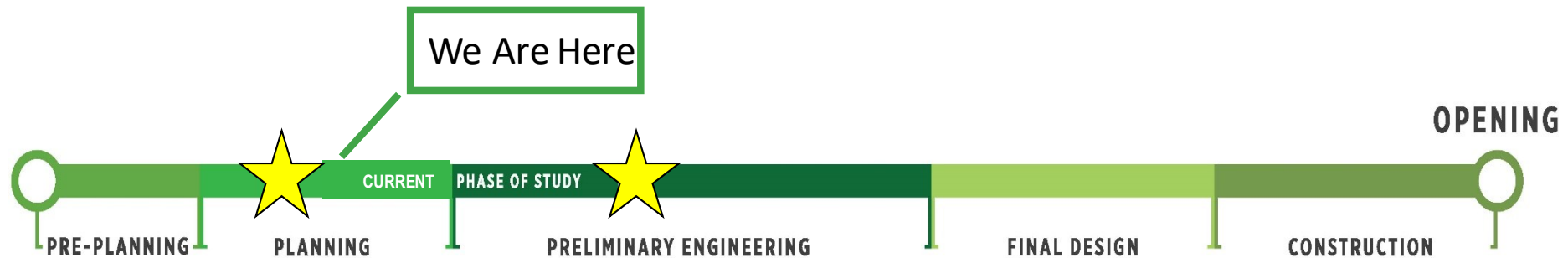
Owns and leases the rail corridor

NOTE: STATION NUMBER AND LOCATIONS HAVE NOT BEEN DETERMINED OR APPROVED. THIS INFORMATION IS PRELIMINARY AND YOUR PARTICIPATION IN THIS SURVEY AND FUTURE ENGAGEMENT ON THE PROJECT WILL HELP DETERMINE THE SITES THAT MOVE FORWARD FOR APPROVAL.



# Current Study

- Engage the community to share information and get feedback from the public
- Work with railroad owner and operators to determine what infrastructure improvements and construction would be needed to add more train traffic
- Further analyze engineering challenges and potential project benefits (e.g. economic development, congestion relief, environment)



# Draft Schedule

		06-2020	07-2020	08-2020	09-2020	10-2020	11-2020	12-2020	01-2021	02-2021	03-2021	04-2021	05-2021	06-2021	07-2021	08-2021	09-2021	10-2021	11-2021	12-2021
Goal A	Community Engagement Plan																			
	Agency Coordination Plan																			
	Federal Agency Consultation																			
	Agreements Work Plan																			
	Resolutions of Support														*	*	*			
	MTP/TIP/STIP																			
	Rail Corridor Setback Standards																			
Goal B	Corridor Screening and Design Criteria																			
	Rolling Stock / Station Design																			
	Engineering Evaluation for Key Risk Areas													*	*	*				
	Station Siting Analysis																			
	Land Availability for Park-and-Rides																			
	Land Availability for Maintenance/Layover Facilities																			
	Concurrence Plan																			
C	Project Schedule and Cost Estimates													*	*	*	*			
	Project Metrics																			
D	RTC Modeling													*	*	*				
	Railroad Term Sheet																			
E	Project Management and Procurement Plan																			
	Consultant Procurement for Project Development																			
F	Ridership Modeling																			
	Land Use / Economic Development Rating Coordination																			
G	Cost Sharing Negotiation																			

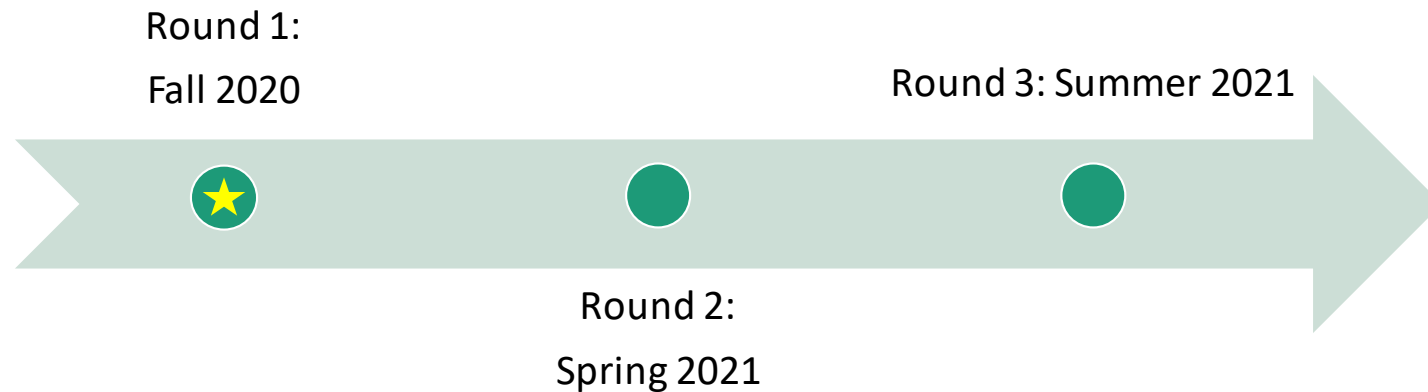
# Coordination

- Regular briefings to Governing Boards, including quarterly updates to TPAC
- Monthly or as-needed meetings with municipalities to discuss jurisdiction-specific issues
- Monthly meetings with municipalities and major institutions across the corridor
  - Participants include Universities and Colleges, Chambers of Commerce, Counties, Municipalities, and Research Triangle Foundation in addition to NCRR and NCDOT

# Public Engagement Overview

## Goals:

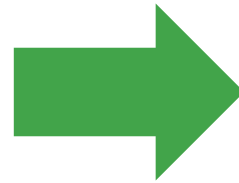
- Raise awareness
- Obtain public feedback
- Coordinate regionally



18 Month Study Timeframe

# Round I Engagement Results

- 5,600 survey views
- 2,700 unique participants
- 500 participants in the first 3 days



Nearly 5,000  
project-  
related  
comments



# Methods and Materials

## Methods

- Email campaigns
  - 5,000 GoForward subscribers
  - Focused e-mails to minority communities
  - 300 community organizations
  - GoTriangle and GoDurham transit riders
- Social media and geo-targeting
- Paper survey distribution
- Virtual meetings
- Virtual presentations
- Virtual focus groups

## Materials

- Press Release
- Brochure/Rack Card
- Digital Poster
- Social Posts
- Webpage
- Survey – Print & Digital
- Video

# Web and Social Media

## GoForward Website

- 2,505 unique pageviews

## 19 @GoTriangle Tweets

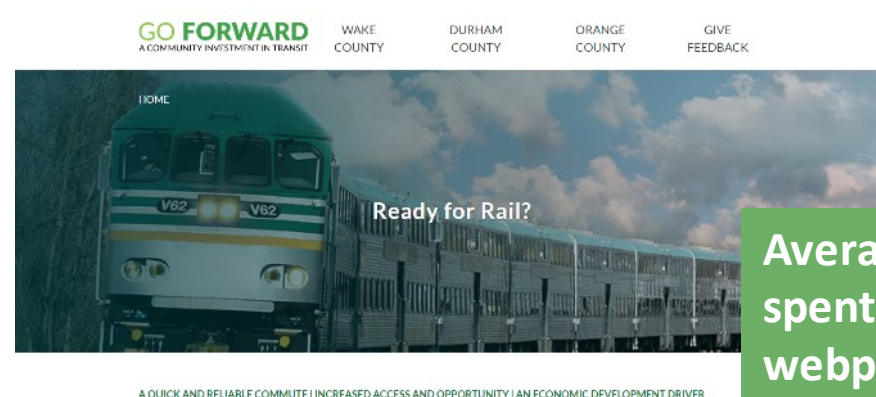
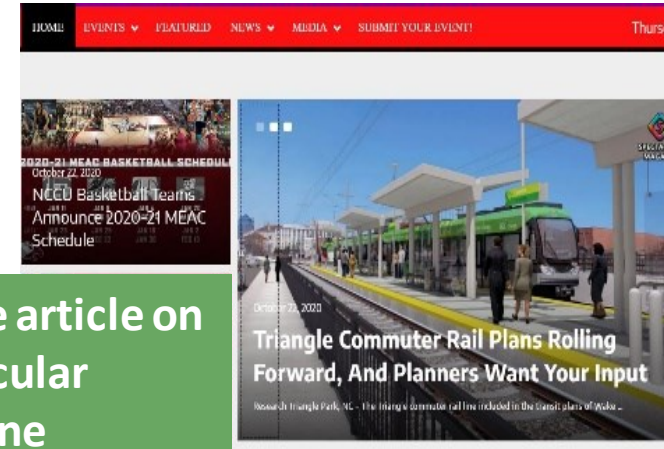
- 34,800 impressions
- 1,000 engagements

## 26 @WakeTransit Tweets

- 26,800 impressions
- 1,000 engagements

## Facebook

- 44,900 people reached
- 1,600 reactions
- 3,700 clicks



# Adapting to COVID-19

## In-Person

- Crosby-Garfield Drive-Through Community Day (10/24)
- Pop-up Survey Center at Durham Station (10/23 and 10/29)
- Pop-up Survey Center at The Village Shopping Center (11/4)
- Pop-up Survey Center at GoRaleigh Station (11/6)
- Give Thanks with GoDurham (11/18)

## Virtual

- Durham PAC 1, 2, 3, 4, 5
- Durham Mayor's Committee for Persons with Disabilities
- Crosby-Garfield Advocacy Group
- Wake County Public Libraries
- Wake Partnership to End Homelessness
- GoTriangle TDM Partners
- Durham CAN
- Univision

# Equity and Inclusion

- **Maximizing Participation Initiative**

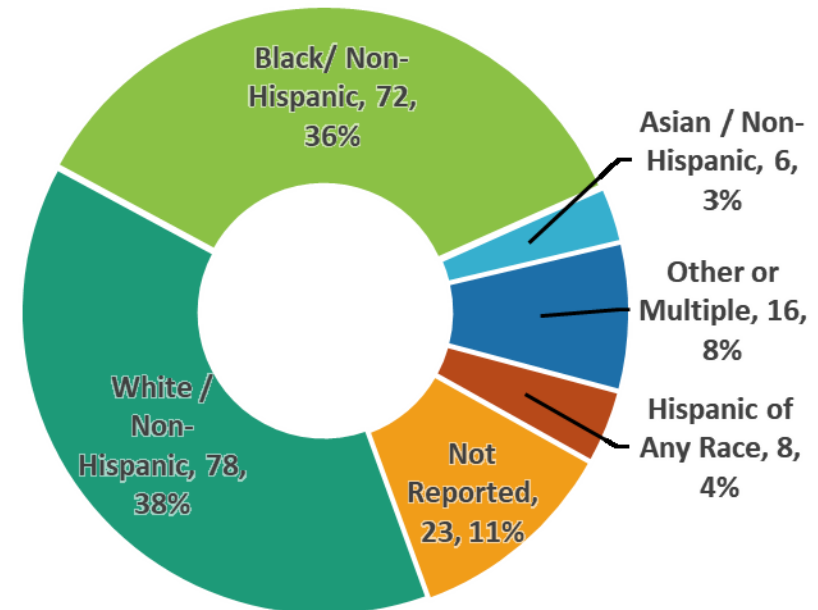
- Utilize community partnerships to reach populations underrepresented in the transit planning process

- Advance Community Health
- Meals on Wheels of Durham
- North Carolina Society for Hispanic Professionals

- **Multilingual survey access**

- *Chinese (Simplified), French, German, Haitian Creole, Hindi, Japanese, Myan (Burmese), Portuguese, Russian, Spanish*

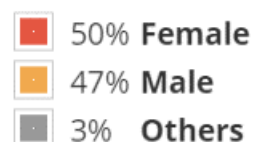
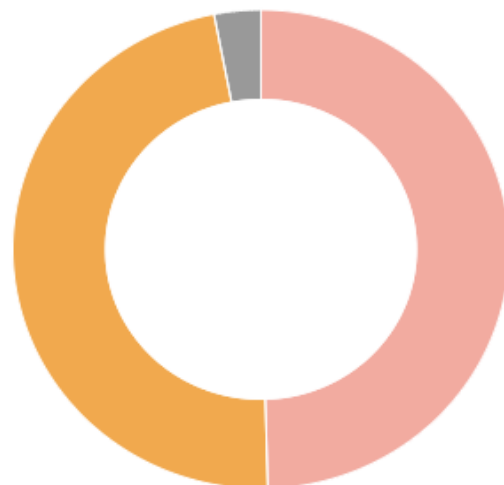
→ 203(8%) unique participants  
→ 399(8%) project



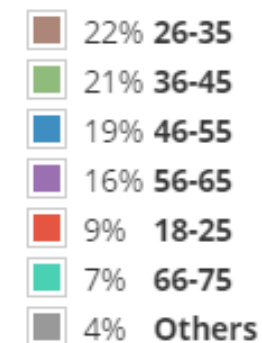
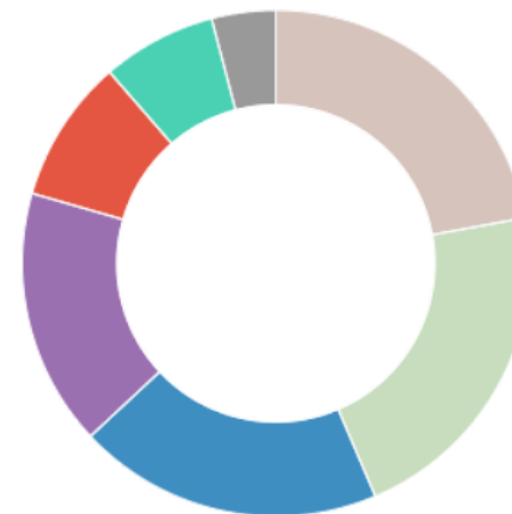
Initiative, Population

**Over 2,400 (89%)** of 2,700 participants responded to at least one demographic question

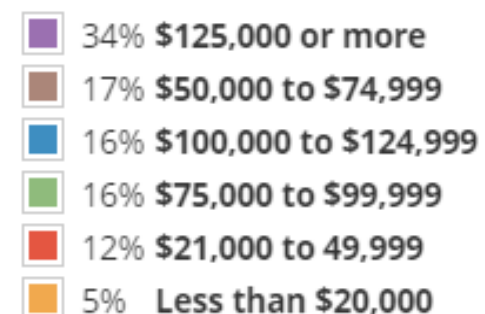
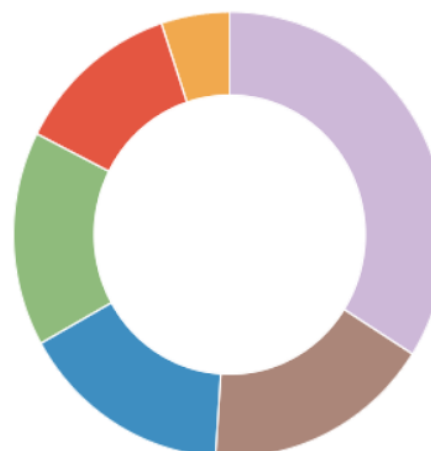
**Gender**



**Age**

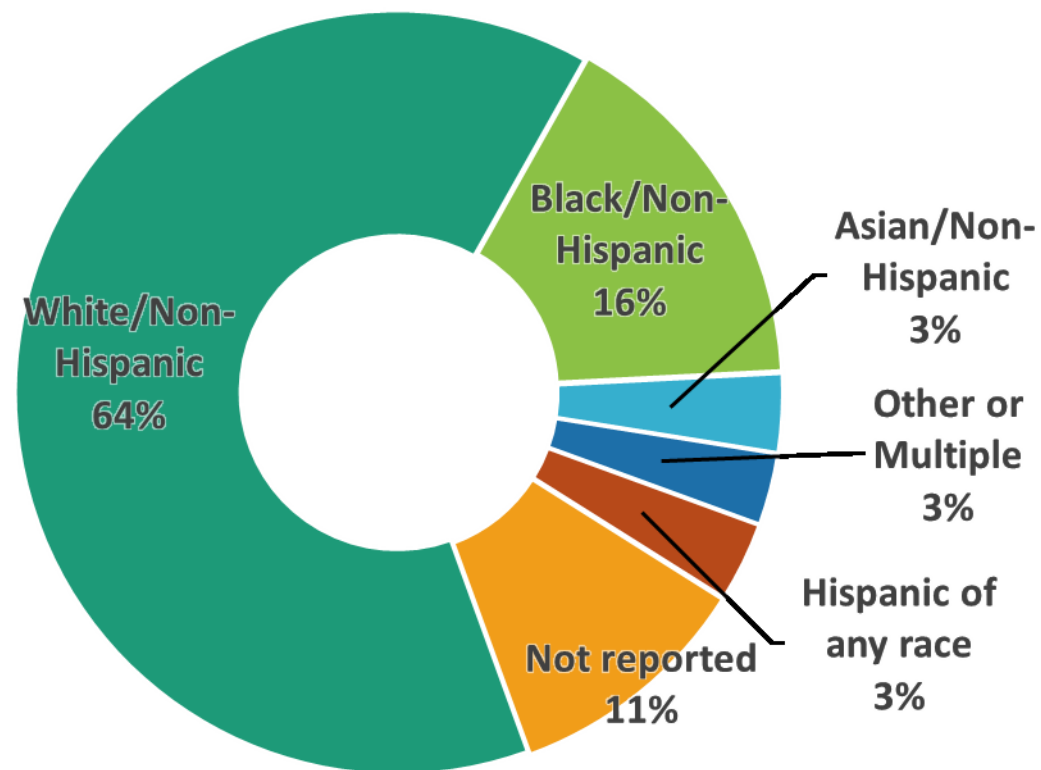


**Annual Household Income**



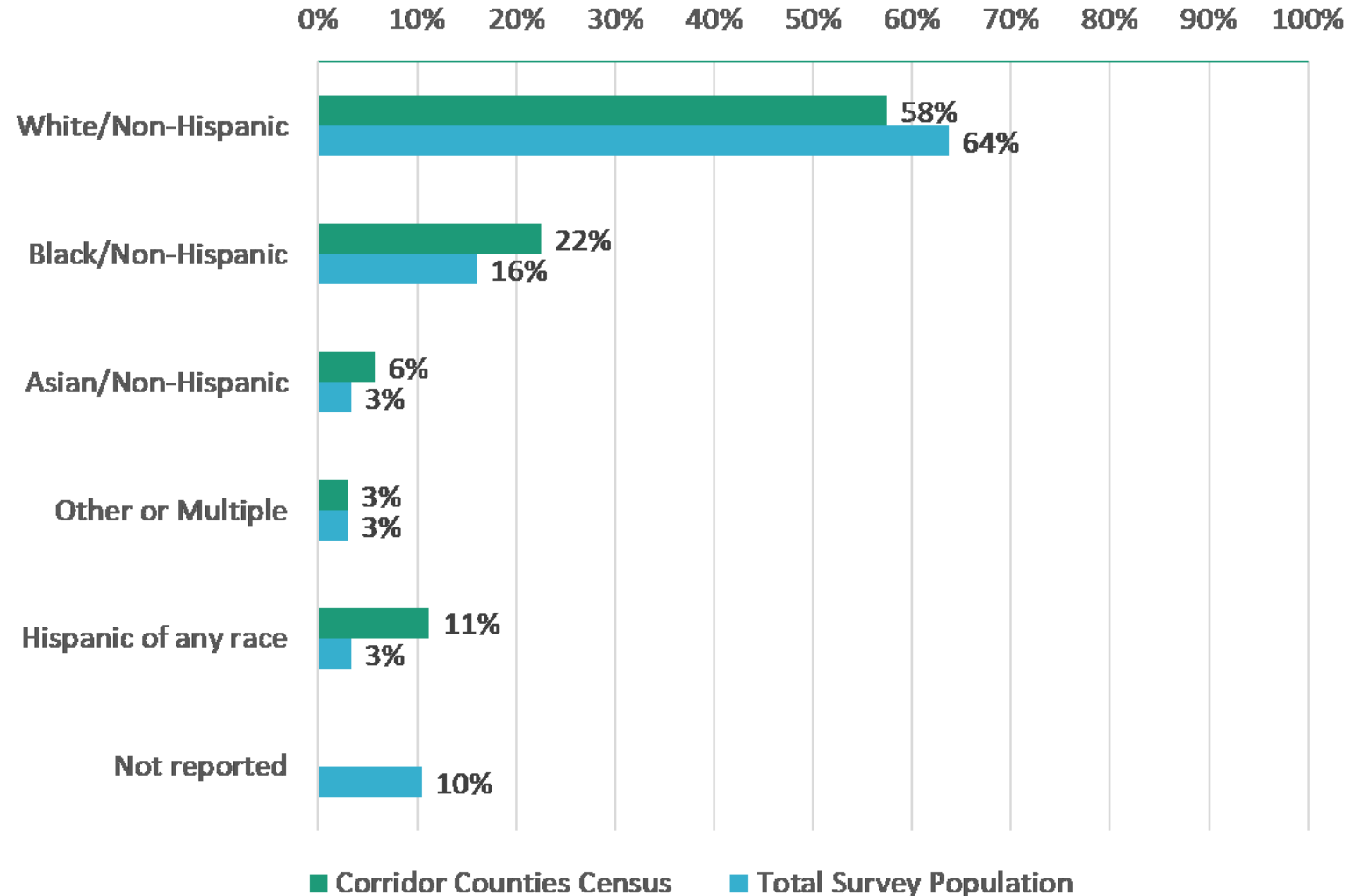
# All Survey Participants: Race & Ethnicity

White/Non-Hispanic	1736
Black/Non-Hispanic	436
Asian/Non-Hispanic	91
Other or Multiple	83
Hispanic of any race	92
Not reported	286
Total	2724



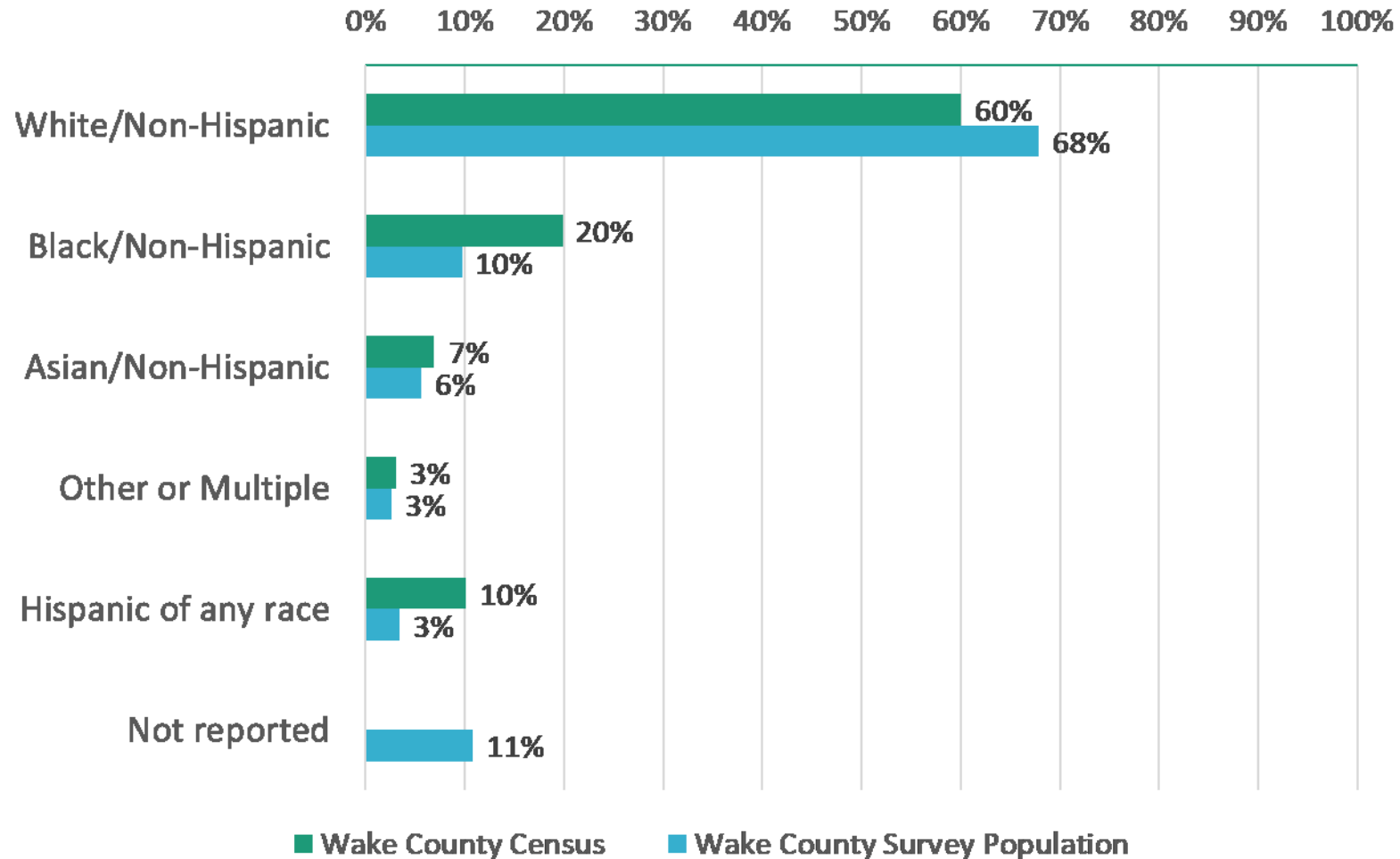
# Corridor Counties and Survey Participants

Did the survey mirror the general population?



# Wake County and Wake Survey Participants

Did the survey mirror the general population in Wake County?





A map of the Triangle region in North Carolina, centered on the Research Triangle. The map shows major highways (Interstates 40, 77, 85, 95, 485, and State Routes 58, 67, 101, 157, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000). The map shows various towns and cities, including Durham, Chapel Hill, Raleigh, and Cary. The map is titled "Participants in the Triangle Area" in the top left corner.

# Major Takeaways

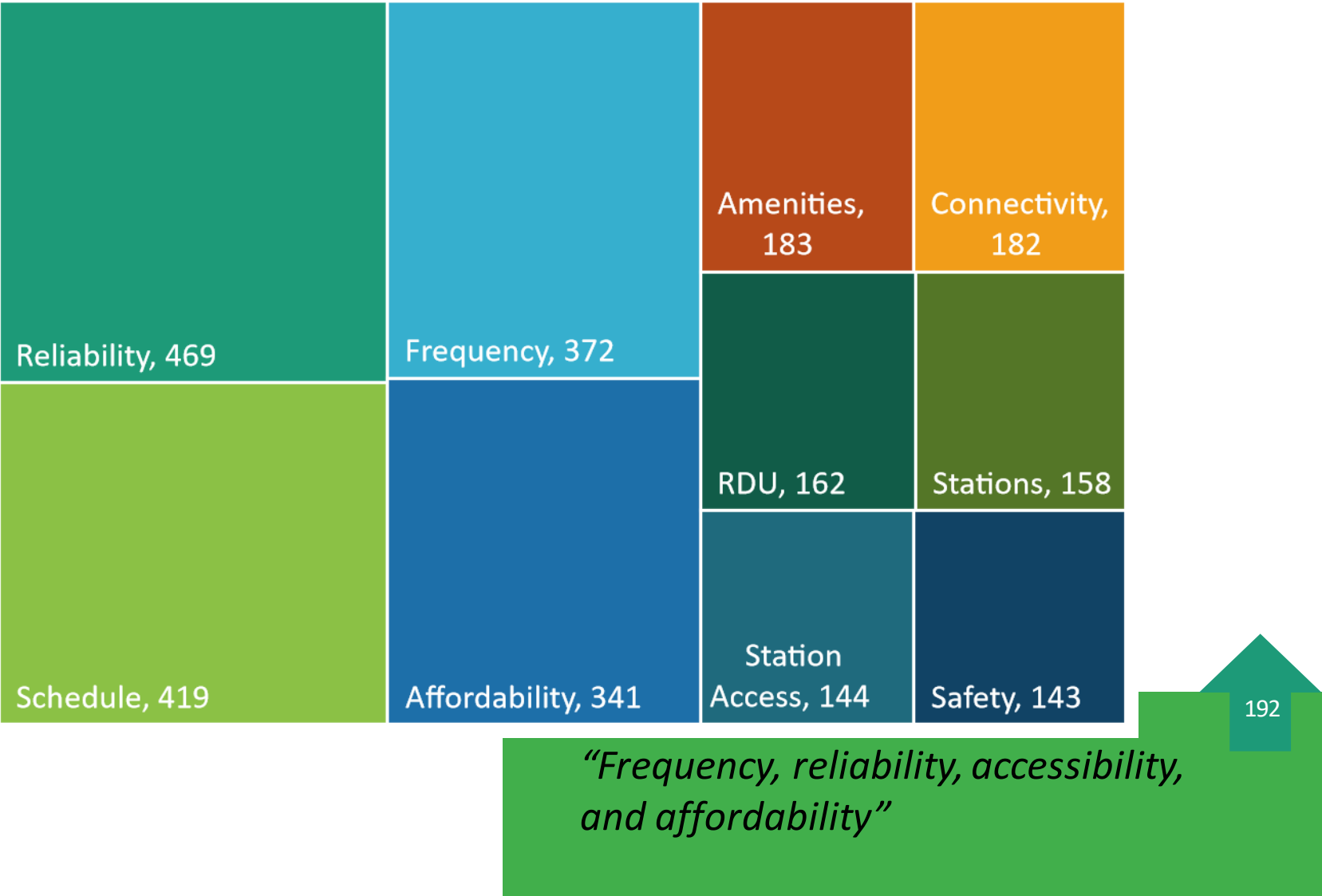
## Benefits

- Reducing congestion
- Environmental benefits
- Decreasing commute times
- Bringing the Triangle up to modern metropolitan standards
- Sense of connectivity throughout the Triangle

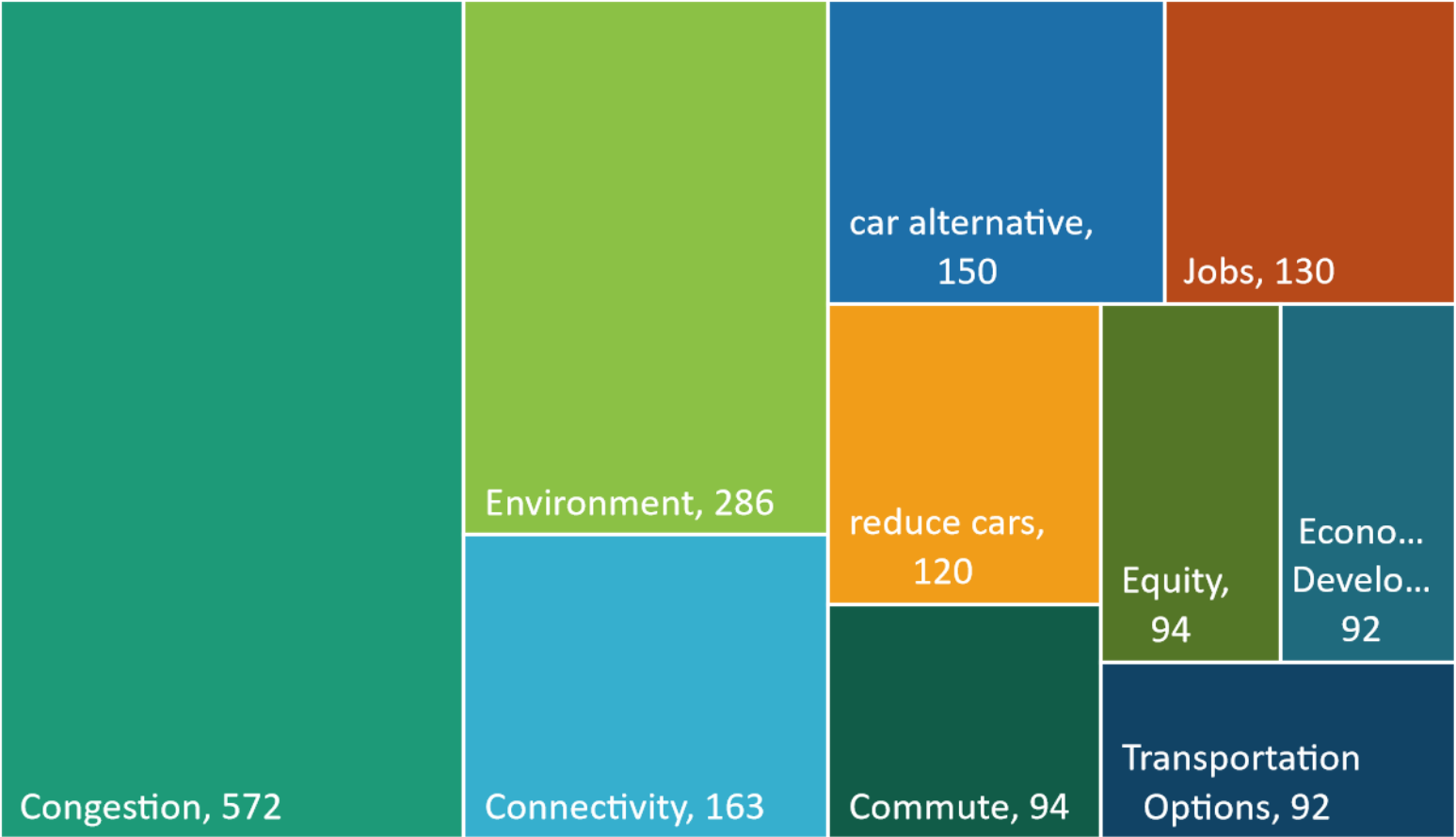
## Concerns

- Project cost and funding allocation
- Would it be effective?
- Would it serve the community equitably?
  - Serves only commuters
  - Doesn't serve those most in need (not equitable)
  - Some geographic areas left out

What would you like in a commuter rail train that connects  
Durha



What do you see the commuter rail train doing for your community?

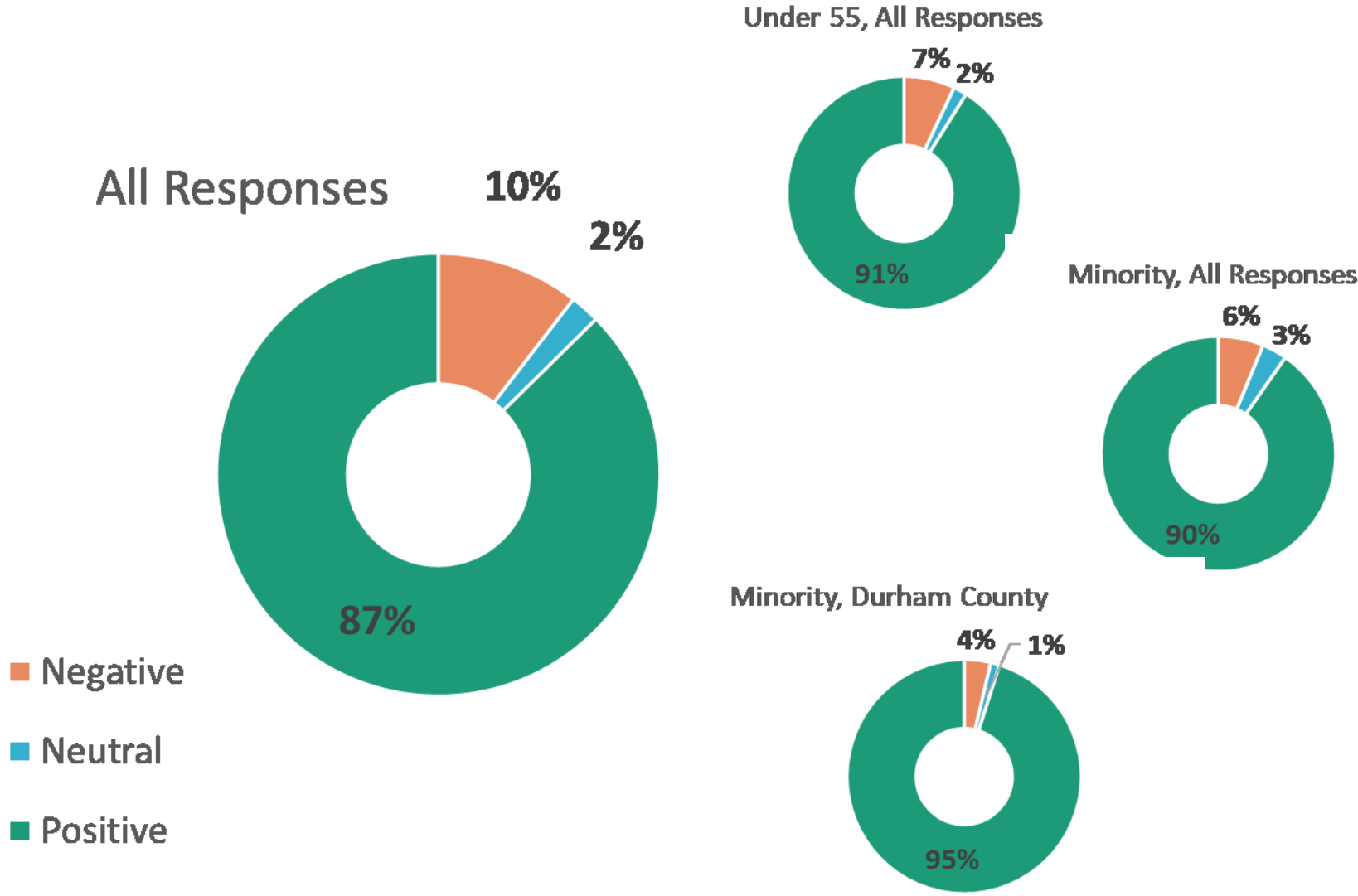


*“Easing congestion and pollution. Providing opportunities for all people to travel without a car. Be able to go to downtown Raleigh without dealing with parking.”*

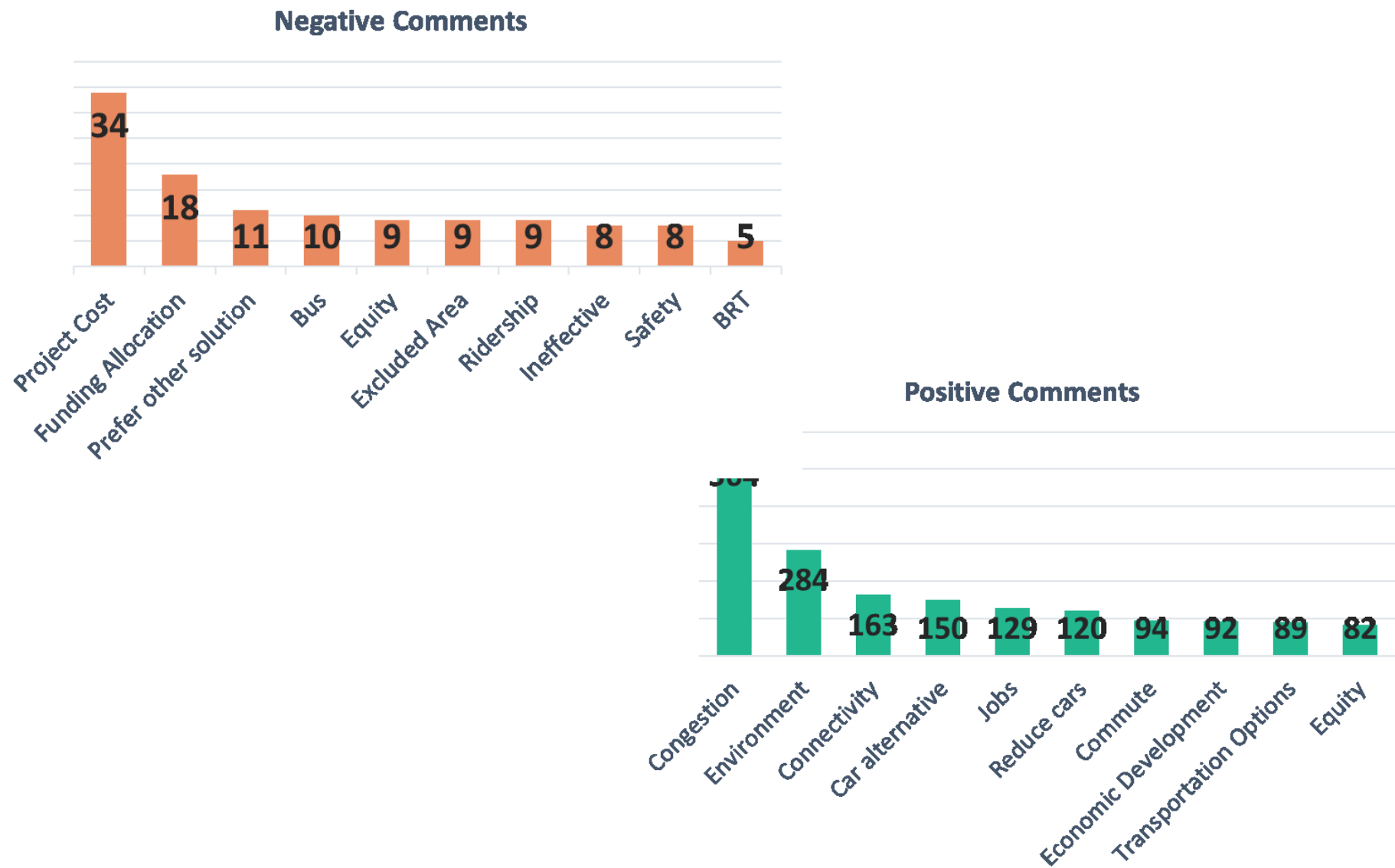
162



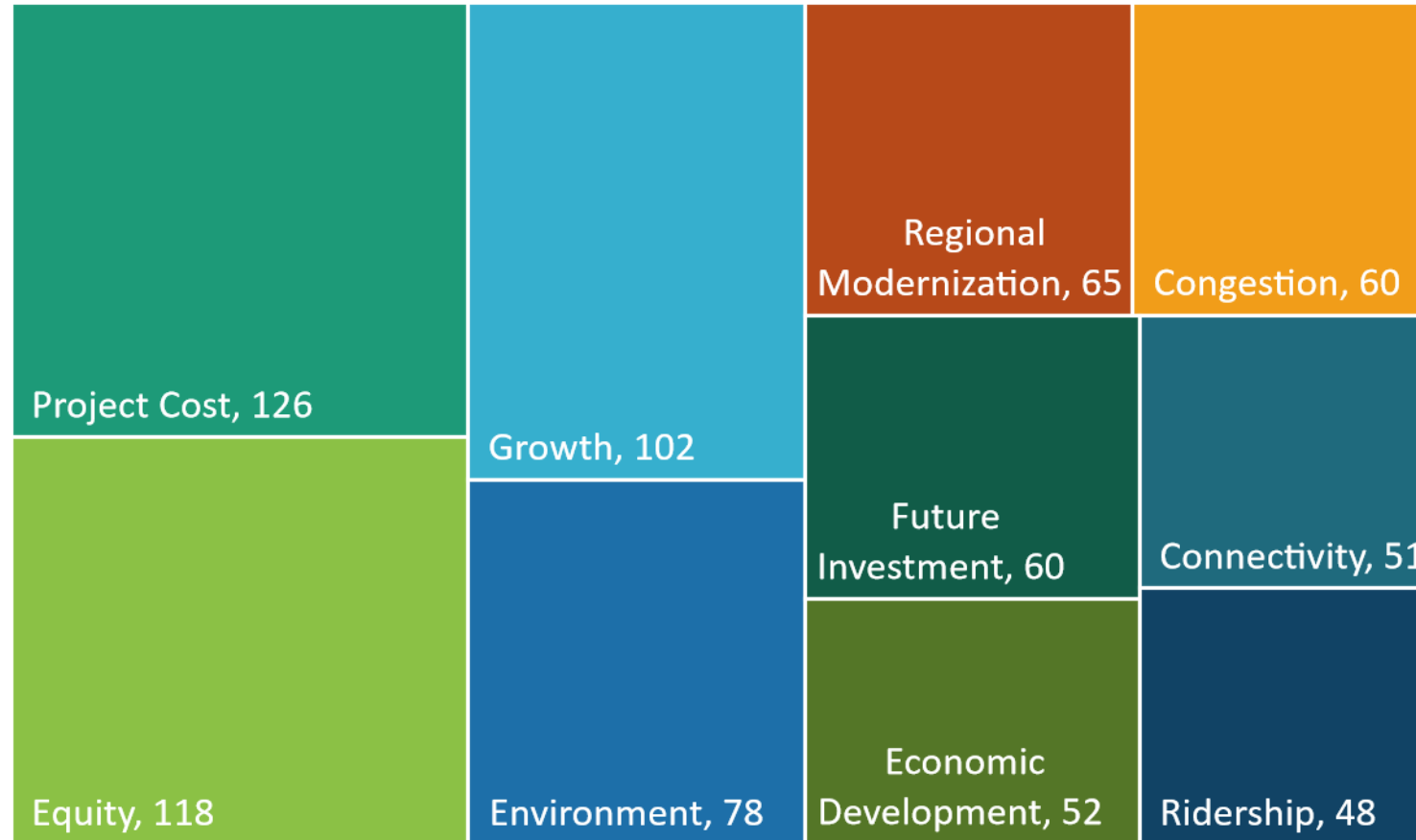
# What do you see the commuter rail train doing for your community? : Comment Sentiment



# What do you see the commuter rail train doing for your community? : Top Tags by Comment Sentiment



At the end of this study, local leaders will decide whether to move forward with the proposed commuter rail train. What else should they be considering to make that decision?



*"We need to catch up with other regional metropolitan areas like Charlotte and Atlanta to stay relevant for industries and businesses considering relocating to the Mid-Atlantic or Southeast US. Mass transit will be the way of the future and if not now then when? ...."*



## Next Steps

- Focus groups – investigate themes raised with survey respondents
  - Understanding of the project
  - Costs and Affordability
  - Connecting to the train/last mile connections
  - Service needs
- Ongoing education and awareness
- Additional public comment periods

# *Questions*

**GO FORWARD**  
A COMMUNITY INVESTMENT IN TRANSIT

## 7.4 Greater Triangle Commuter Rail Phase II Study Progress Update

**Requested Action:**  
**Receive as information.**

## 7.5 CAMPO Projects and Programs Funding Update

- ☐ Financial Situation Update
- ☐ LAPP Restart Policy Review (Action Item)
- ☐ Town of Apex Additional Funding Request (Action Item)

# Financial Situation

- NCDOT above cash floor
  - Some funding starting to move for LAPP projects (~\$5m)
  - Fund swap in progress (\$10m)
  - NCDOT Financial Planning/Budgeting could increase availability of funds for LAPP projects - future billing plans may become regular exercise
- Future Transportation Funding
  - FFY2021 budget formally passed- including full year allocation of transportation funding included in FAST Act
  - Additional transit, aviation, and general transportation/highway funding
  - 1 year extension of FAST Act (through FFY2021)
  - Funding beyond FFY2021 unknown

# CAMPO LAPP Project Restart Policy

## Current Situation:

- CAMPO was allotted roughly \$15m to restart LAPP projects
- CAMPO elected to restart all projects that were able to resume or move on to next phase using those funds with full reimbursement
- NCDOT has indicated they expect to see more available funding over next few months
- Based on project schedules, CAMPO anticipates some LAPP projects coming forward in next few months to start new phases.

# CAMPO LAPP Project Restart Policy

## Proposed Policy Moving Forward:

- Pending funding availability, award funding to projects as they are ready with funding made available to CAMPO from NCDOT.
- If CAMPO gets to a point where there are more projects ready to start work than there is available funding, CAMPO recommends using a first-in-first-out approach to restart these projects.
- This would include additional funding requests.
- Deferred reimbursement, up to \$16m, allowed in region, could be used to keep projects moving as we wait for additional funding availability.



# Town of Apex Additional Funding Request

LAPP Allows Additional Funding Requests for Existing Projects at a 50/50 Match. Requests over \$1m are required to receive Executive Board Approval.

## **2015 U-5337 Apex Lake Pine Drive Improvements:**

Additional funding requested due to increased construction costs and required additional culvert work

Additional CAMPO funding requested: \$1,234,827

If approved, project would be added to FIFO list of LAPP restart projects.

## 7.5 CAMPO Projects and Programs Funding Update

### Requested Action:

- 1) Approve the Town of Apex additional funding request;
- 2) Approve the first in, first out approach for the restart of LAPP project funding.

# Roll Call – Approval of Action Items

Town of Angier

Town of Apex

Town of Archer Lodge

Town of Bunn

Town of Cary

Town of Clayton

City of Creedmoor

Franklin County

Town of Franklinton

Town of Fuquay-Varina

Town of Garner

GoTriangle Board of  
Trustees

Granville County

Harnett County

Town of Holly Springs

Johnston County

Town of Knightdale

Town of Morrisville

NC Board of Transportation

City of Raleigh

Town of Rolesville

Wake County

Town of Wake Forest

Town of Wendell

Town of Youngsville

Town of Zebulon

## 7.6 Safety Performance Measures and Targets FY21

## 7.6 Safety Performance Measures and Targets FY21

CAMPO is required by federal law through the Moving Ahead for Progress in the 21<sup>st</sup> Century Act (MAP-21) and the Fixing America's Surface Transportation (FAST) Act to adopt 18 specific transportation performance measures. These measures are divided into four categories: Safety, Pavement/Bridge, System Performance, and Transit Assets.

MPOs are required to establish performance targets for each of these measures on an annual basis by either:

1. Agreeing to plan and program projects so that they contribute towards the accomplishment of the State DOT targets or
2. Developing their own quantifiable targets for their metropolitan planning area by a methodology consistent with federal reporting requirements

MPOs are further required to establish their targets not later than 180 days after the State DOT establishes and reports targets.

# PM1 – Safety

1. Number of fatalities
2. Fatality rate (per 100 million VMT)
3. Number of serious injuries
4. Serious injury rate (per 100 million VMT)
5. Number of non-motorized fatalities and serious injuries

NCDOT establishes and reports their targets in August. CAMPO must establish theirs by February.

# PM1 – NCDOT Safety Targets

Safety Performance Measure	2015-2019	2017-2021
Total Fatalities	1,427.2	1,309.9
Rate of Fatalities	1.208	1.105
Total Serious Injuries	3,905.0	3,656.1
Rate Serious Injuries	3.281	3.065
Total Non-motorized Fatalities & Serious Injuries	543.4	504.4



## 7.6 Safety Performance Measures and Targets FY21

**Requested Action:**  
**Receive as information.**

## 7.7 Joint MPO Transportation Policy Principles

## 7.7 Joint MPO Transportation Policy Principles

- Joint MPO Transportation Policy Priorities are shared with DCHC MPO
- Represent key policy areas of shared interest
- Updates have been made based on feedback/input from December Joint MPO Board meeting
- Presentation is planned for February Executive Board meeting
- Attachment includes up to date version

### Requested Action:

**Review the updated Joint Triangle Transportation Policy Principles.**

## 8.1 Informational Items: Budget

8.1 Operating Budget – FY 2020

8.2 Member Shares – FY 2020

**Requested Action:**  
**Receive as information.**

## 9.1 Informational Item: Project Updates

- (SRTS) John Rex Endowment Grant
- Triangle TDM Program
- Triangle Bikeway Implementation Study
- Non-Motorized Volume Data Program
- Mobility Coordination Committee
- NCDOT Highway Project U-2719
- Wake Transit Plan Update
- Wake Transit Performance Tracker
- Northeast Area Study Update
- Bus On Shoulder Study
- Western Wake Traffic Signal System Integration Study

**Requested Action:**  
**Receive as information.**

## 9.2 Informational Item: Public Engagement Updates

**Requested Action:**  
**Receive as information.**

## 10. Informational Item: Staff Reports

- MPO Executive Director
- TCC Chair
- NCDOT Transportation Planning Division
- NCDOT Division 4
- NCDOT Division 5
- NCDOT Division 6
- NCDOT Rail Division
- NC Turnpike Authority
- NCDOT Integrated Mobility Division
- Executive Board Members

**Requested Action:**  
**Receive as information.**

# Congratulations to City of Raleigh for Being Awarded the Triangle's First Ever FTA Small Starts Capital Investments Grant for the New Bern Avenue BRT Corridor





# ADJOURN

## Upcoming Events

Date	Event
February 4, 2021 10:00 a.m.	TCC
February 17, 2021 4:00 p.m.	Executive Board
February 25, 2021 8:30 a.m.-12:00 p.m.	MPO 101 <a href="https://bit.ly/CAMPO101">https://bit.ly/CAMPO101</a>
March 4, 2021 10:00 a.m.	TCC TBD
March 17, 2021 4:00 p.m.	Executive Board TBD

## MPO 101

**FEBRUARY 25, 2021**

**8:30AM-12PM**

**REGISTER**

This brief training is targeted at Executive Board and TCC members and alternates. It is a primer on the core functions of the MPO and how they relate to our member agencies. If you have additional staff members or elected officials that are interested in attending, please encourage them to do so!



<https://bit.ly/CAMPO101>