

WAKE TRANSIT PLAN

Transit Planning Advisory Committee



CAMPO Guest WIFI

CampoCampO

TPAC REGULAR MEETING

In-Person at CAMPO Office

September 13, 2023

9:30AM – 12:00PM

GO FORWARD
A COMMUNITY INVESTMENT IN TRANSIT

I. Welcome and Introductions

David Eatman, TPAC Chair

II. Adjustments to the Agenda

David Eatman, TPAC Chair

III. General Public or Agency Comment

Public comments are limited to 3 minutes.

David Eatman, TPAC Chair

IV. TPAC Meeting Minutes

Attachment A

Requested Action:

Consider adoption of the drafted August TPAC minutes.

David Eatman, TPAC Chair

V. FY25 Wake Transit Work Plan Kickoff

Attachment B & C

Ben Howell, CAMPO & Steve Schlossberg, GoTriangle

PLANNING & PROGRAMMING ITEM

GO FORWARD
A COMMUNITY INVESTMENT IN TRANSIT

Key Dates

FY25 Work Plan Development

ACTION	DATE
Kickoff at September TPAC Meeting	September 13, 2023
Work Plan Funding Requests Due	October 13, 2023
Program Development Subcommittee Discussion on Inclusion of Projects in Draft Work Plan	October 24 – December 19, 2023
GoTriangle Community Engagement Team begin review of Outreach Materials for Draft FY25 Work Plan	January 4, 2024
Distribute Complete Draft Work Plan to TPAC	January 26, 2024
Share Draft Work Plan Outreach Plan with CE Subcommittee	February 22, 2024
TPAC Considers Draft Work Plan for Public Release	February 21, 2024

Continued next slide...

Key Dates

FY25 Work Plan Development

ACTION	DATE
30-Day Public Comment Period	February 26 – March 26, 2024
Updated/Modified Work Plan Funding Requests Due	March 15, 2024
Program Development Subcommittee Discussion on Changes to Draft Work Plan	March 26, 2024
Distribute Recommended Work Plan to TPAC	April 5, 2024
TPAC Reviews Engagement & Considers Recommending Work Plan for Adoption	April 17, 2024
14-day public review and comment period for the recommended Work Plan	May 1 – May 14, 2024
CAMPO and GoTriangle Boards Consider Work Plan Adoption	By June 2024

- Verify the base budget amounts for carryover projects
 - Review Amount Programmed for Operating Projects in FY 2025
 - If **LESS** -> Indicate in Base Budget Spreadsheet
 - If **MORE** -> Complete Work Plan Project Funding Request Form
- Verify base Scopes of Work for carryover projects
 - If scope of project **WILL NOT** Change -> No Action
 - If scope of project **WILL** Change -> Complete Work Plan Project Funding Request Form
- Additionally, complete Work Plan Project Funding Request Form for:
 - Any Projects Programmed for FY 2025 in Adopted FY 2024 Work Plan
 - Completely New Projects

Important Notes

FY25 Work Plan Development

Special Funding Request Types:

- **Local Planning Funding Requests:** Refer to TPAC-Endorsed 'Guidelines for Eligibility of Wake Transit Funding for Locally Administered Planning Efforts'
- **Real Property Acquisition Funding Requests:** Refer to policy framework for use of wake transit funds to acquire real property
- **Art Integration Funding Requests:** Answer the questions provided on the form

Additional Tips:

- Reevaluate programmed amounts and projects to look for potential reductions in budgeted amounts and to be realistic with project schedules
- It is much easier to consider annual work plan requests on work plan development cycle than to consider interim work plan amendments

Important Notes

FY25 Work Plan Development

Revised/New Fields on Submittal Form:

- Project Description/Scope – Will be used for Project Description on Project Sheets in FY25 Work Plan
 - Guidance document for filling in this field is on the Wake Transit SharePoint Site
- Project Justification
 - Provide detailed justification/business case for project
 - Will be used by PD Subcommittee to decide whether to recommend project be included in Work Plan
 - Should include any references to Bus Plan or other documents where project is recommended

Other Considerations

FY25 Work Plan Development

Greater Triangle Commuter Rail

- Phase II Study Outcomes, Wake Transit Vision Plan Update

Impact of Other Planning Efforts on Wake Transit Work Plan

- FAST Study, Wake Transit Vision Plan Update, Development of CAMPO 2055 MTP

Baseline Funding Study (Funded in FY24 Work Plan)

- Will provide guidance for developing Baseline Funding and Baseline Transit Service Provisions Policy for Operating Projects
- Study is expected to be completed in January – anticipate using it for FY25 Work Plan

Rental Vehicle Tax Revenues

- CAMPO Executive Board direction at adoption of FY24 Work Plan was to remove Rental Vehicle Tax Revenue ONLY for FY24 Work Plan – Discussions continuing between MPO, County and Tax District

Important Notes for Submission of Funding Requests

GO FORWARD
A COMMUNITY INVESTMENT IN TRANSIT

Wake Transit

Home
Documents
Calendar
Shared with us
Pages
Wake Transit Work Pla...
Wake Transit Reporting
TPAC - Sub-committee...
TPAC - Membership
TPAC - Bylaws
TPAC - Process

+ New
Upload
Edit in grid view
Sync
Add shortcut to OneDrive
Pin to Quick

Wake Transit Work Plan Requests

Name	Modified	Modified By
FY 2019 Work Plan Development	May 18, 2022	Omar Elmaghrabi
FY 2020 Work Plan Development	May 18, 2022	Omar Elmaghrabi
FY 2021 Work Plan Development	May 18, 2022	Omar Elmaghrabi
FY 2022 Work Plan Development	May 18, 2022	Omar Elmaghrabi
FY 2023 Work Plan Development	May 18, 2022	Omar Elmaghrabi
FY 2024 Work Plan Development	August 9, 2022	Priscilla Gilchrist
FY 2025 Work Plan Development	July 31	Paul Kingman

Important Notes for Submission of Funding Requests

The screenshot shows a SharePoint site for 'GO FORWARD A COMMUNITY INVESTMENT IN TRANSIT' with the title 'Wake Transit'. The left sidebar contains navigation links: Home, Documents, Calendar, Shared with us, Pages, Wake Transit Work Pla..., and Wake Transit Reporting. The main content area shows a list of documents and folders. A dashed oval highlights two folders: 'FY 2025 Base Budgets' and 'FY 2025 Draft Work Plan Requests'. The table below shows the details of these folders.

Name	Modified	Modified By
FY 2025 Base Budgets	July 31	Paul Kingman
FY 2025 Draft Work Plan Requests	6 days ago	Paul Kingman

Important Notes for Submission of Funding Requests

The screenshot displays the 'GO FORWARD' portal for Wake Transit, with the tagline 'A COMMUNITY INVESTMENT IN TRANSIT'. The left sidebar contains a navigation menu with options: Home, Documents, Calendar, Shared with us, Pages, Wake Transit Work Pla..., Wake Transit Reporting, TPAC - Sub-committee..., TPAC - Membership, TPAC - Bylaws, TPAC - Process, TPAC - Budget and Fin..., TPAC - Planning and Pr..., and TPAC - Agendas and M... The main content area shows a breadcrumb trail: 'Wake Transit Work Plan Requests > FY 2025 Work Plan Development > FY 2025 Base Budgets'. Below this is a table of folders.

Name	Modified	Modified By
Apex	July 31	Paul Kingman
CAMPO	July 31	Paul Kingman
Cary	July 31	Paul Kingman
GoTriangle	July 31	Paul Kingman
Morrisville	July 31	Paul Kingman
Raleigh	July 31	Paul Kingman
Wake County	July 31	Paul Kingman
Wake Forest	July 31	Paul Kingman
Wendell	July 31	Paul Kingman
Zebulon	July 31	Paul Kingman

New FY25 – CIP Guidance Sheet

Important Notes for Submission of Funding Requests

The screenshot shows the 'GO FORWARD' portal interface. The header includes the logo 'GO FORWARD A COMMUNITY INVESTMENT IN TRANSIT' and the title 'Wake Transit'. The left sidebar contains navigation links: Home, Documents, Calendar, Shared with us, Pages, Wake Transit Work Pla..., and Wake Transit Reporting. The main content area displays a file list for the path 'Wake Transit Work Plan Requests > FY 2025 Work Plan Development > FY 2025 Draft Work Plan Requests'. The file list has columns for Name, Modified, and Modified By. The file 'FY 2025 Wake Transit Work Plan Project Funding Reque...' is circled with a dashed line.

Name	Modified	Modified By
FINAL-Work-Plan-Project-Reporting-Deliverables.pdf	4 days ago	Paul Kingman
FY 2025 Wake Transit Work Plan Project Funding Reque...	6 hours ago	Paul Kingman
Policy-Framework-for-Use-of-Wake-Transit-Funds-to-A...	4 days ago	Paul Kingman

Important Notes for Submission of Funding Requests

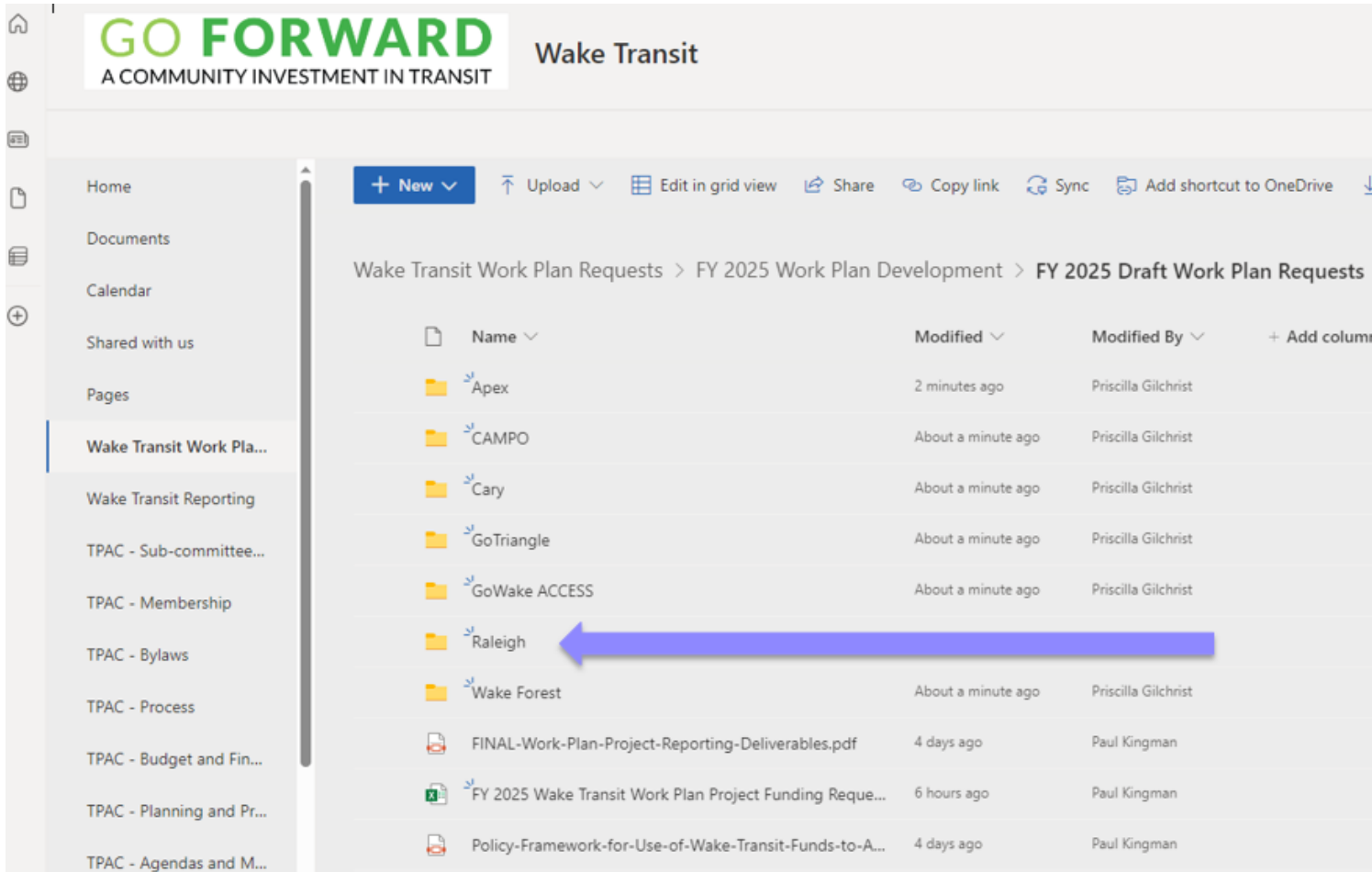
REQUEST #

FY 2025
Wake Transit Work Plan
Request Form
Operating and/or Capital

FY START DATE	
Jul	2025
Total Project Cost	
\$	-

Project Name	Requesting Agency	Project Contact	Wake Transit Estimated Operating Cost	
			Base Year	\$ -
			FY 2026	\$ -
			Cumulative	\$ -
Estimated Start Date	Estimated Completion	Notes	Wake Transit Estimated Capital Cost	
			Base Year	\$ -
			Cumulative	\$ -
Project Description/Scope	Enter below a summary of the project that may later be used to inform the project description in the FY 2025 Work Plan.			
Project Justification / Business Case		Provide responses to <u>EACH</u> of the questions below. Answer the questions as thoroughly as possible. Enter Not Applicable (N/A) as appropriate.		

Important Notes for Submission of Funding Requests



The screenshot displays the 'GO FORWARD' SharePoint site, specifically the 'Wake Transit' library. The left sidebar shows the navigation menu with 'Wake Transit Work Plan Requests' selected. The main content area shows a list of folders and files. A blue arrow points to the 'Raleigh' folder.

GO FORWARD
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Wake Transit

Home Documents Calendar Shared with us Pages Wake Transit Work Plan Requests Wake Transit Reporting TPAC - Sub-committee... TPAC - Membership TPAC - Bylaws TPAC - Process TPAC - Budget and Fin... TPAC - Planning and Pr... TPAC - Agendas and M...

+ New Upload Edit in grid view Share Copy link Sync Add shortcut to OneDrive

Wake Transit Work Plan Requests > FY 2025 Work Plan Development > FY 2025 Draft Work Plan Requests

Name	Modified	Modified By	+ Add column
Apex	2 minutes ago	Priscilla Gilchrist	
CAMPO	About a minute ago	Priscilla Gilchrist	
Cary	About a minute ago	Priscilla Gilchrist	
GoTriangle	About a minute ago	Priscilla Gilchrist	
GoWake ACCESS	About a minute ago	Priscilla Gilchrist	
Raleigh			
Wake Forest	About a minute ago	Priscilla Gilchrist	
FINAL-Work-Plan-Project-Reporting-Deliverables.pdf	4 days ago	Paul Kingman	
FY 2025 Wake Transit Work Plan Project Funding Reque...	6 hours ago	Paul Kingman	
Policy-Framework-for-Use-of-Wake-Transit-Funds-to-A...	4 days ago	Paul Kingman	

Important Notes for Submission of Funding Requests

The screenshot displays the Wake Transit SharePoint site interface. The top header features the 'GO FORWARD' logo with the tagline 'A COMMUNITY INVESTMENT IN TRANSIT' and the site name 'Wake Transit'. A left-hand navigation pane lists various site sections, with 'Wake Transit Work Pla...' currently selected. The main content area shows a breadcrumb trail: 'Wake Transit Work Plan Requests > FY 2025 Work Plan Development > FY 2025 Draft Work Plan Requests > Raleigh'. Below this, a table lists site items. The first item, a folder named 'Supporting Documentation', is circled in red. The table headers are 'Name', 'Modified', and 'Modified By'. The 'Supporting Documentation' folder was modified 'A few seconds ago' by 'Paul Kingman'.

Name	Modified	Modified By
Supporting Documentation	A few seconds ago	Paul Kingman

Wake Transit Work Plan – Budget Kick Off Reminders

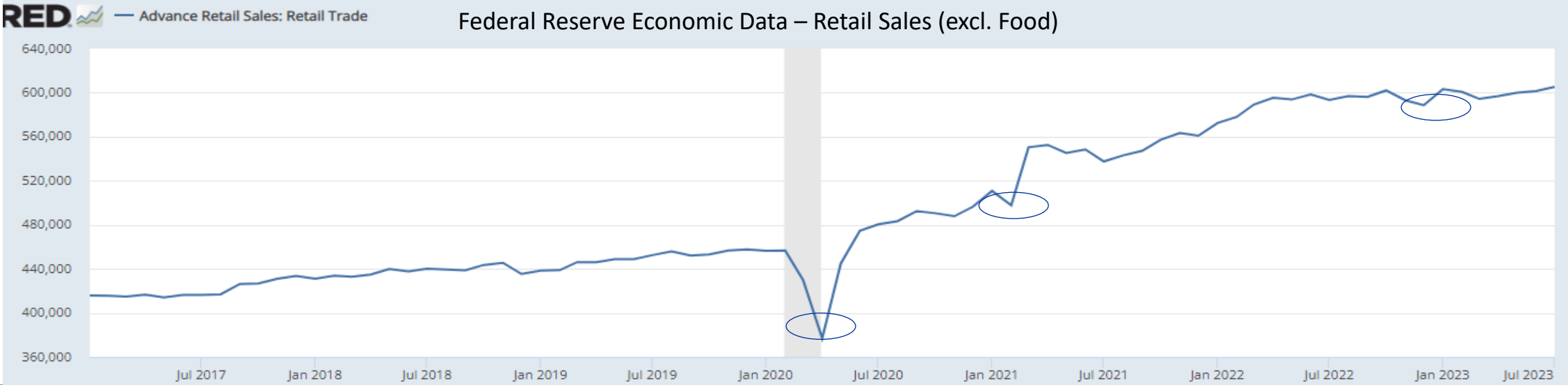
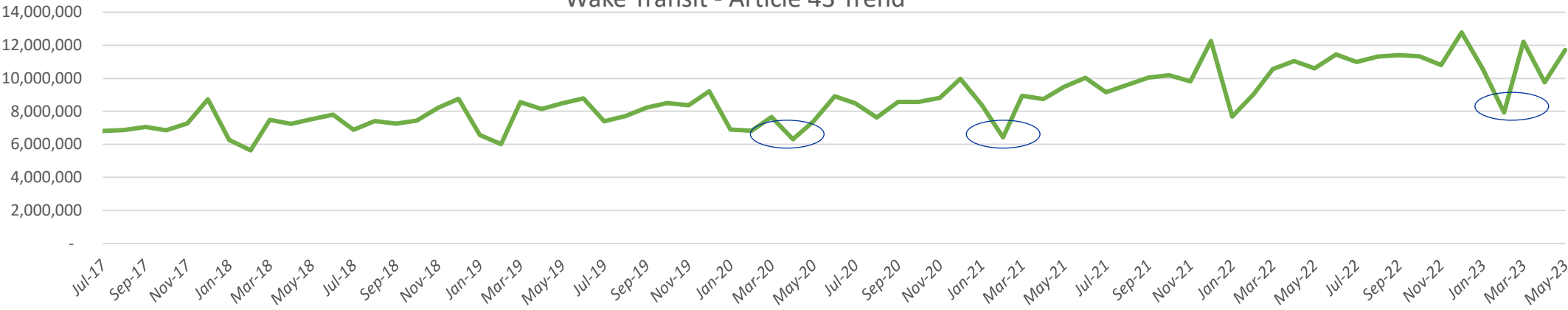
- **This is the starting point for the FY25 Work Plan Process**

The FY25 Fiscal Year runs from July 1, 2024 – June 30, 2025

- Current baseline is modeled in accordance with the Wake Transit Financial Policies and Guidelines, amended in 2021, in accordance with the Transit Governance ILA.
- Revenues are still being determined using trend analysis and the most updated data.
- Includes investments from the Adopted Wake Transit Vision Plan.
- Project requests, updated revenue assumptions, additional refinement from the Greater Triangle Commuter Rail Project Update of Alternatives Analysis and further studies and TPAC deliberation will inform FY 2025 Draft Wake Transit Work Plan.
- Additional agency, stakeholder, and public comment will then be used to produce FY 2025 Recommended Work Plan.

Wake Transit Work Plan – Half-Cent Sales Tax

Wake Transit - Article 43 Trend



Wake Transit Work Plan – FY25 Modeled Revenues

(in millions)

FY25 MODELED Tax District Revenues		
Local		
½ Cent Local Option Sales Tax	\$ 128,750	FY23 Actual Estimated (\$132M) – 9% increase over FY22
Vehicle Rental Tax *	4,912	
\$7.00 Vehicle Registration Tax	6,987	
\$3.00 Vehicle Registration Tax	2,984	
Subtotal Local Taxes:	\$ 143,633	FY24 Adopted - \$135.1M
Federal	3,639	Western & Southern BRT Extension
State	6,518	
Farebox	3,351	BRT included
Debt Proceeds	56,610	
Prior Year Funds (Capital Liquidity)	10,879	FY23 Adopted - \$121.7M
Subtotal Other Taxes:	\$ 80,997	
Total FY 2025 Modeled Sources *	\$ 224,630	

Updated ½ Cent Sales Tax will be re-evaluated for FY25 based on FY23 Final Actuals

*Discussions pertaining to the Vehicle Rental Tax continue in FY24

Wake Transit Work Plan – FY25 Modeled Expenditures

(in millions)

FY25 MODELED Tax District Operating Expenditures

Bus Operations	\$ 34,233	}	FY23 Adopted - \$21.7M
Bus Rapid Transit	1,388		FY23 Adopted - N/A
Community Funding Areas	1,648		FY23 Adopted - \$2.1M (Operating and Capital)
Transit Plan/Tax District Administration	7,150		FY23 Adopted - \$6.0M
Other Operating	808		
Allocation to Operating Reserves	1,000		
Total FY 2025 Modeled Operating	\$ 46,227		

- - Bus Operations includes Fixed Route / ADA / Maintenance of Facilities, etc.
- - Community Funding Area excludes FY24 Reserve Funds

Wake Transit Work Plan – FY25 Modeled Expenditures

(in millions)

FY 2025 Modeled Tax District Capital Expenditures

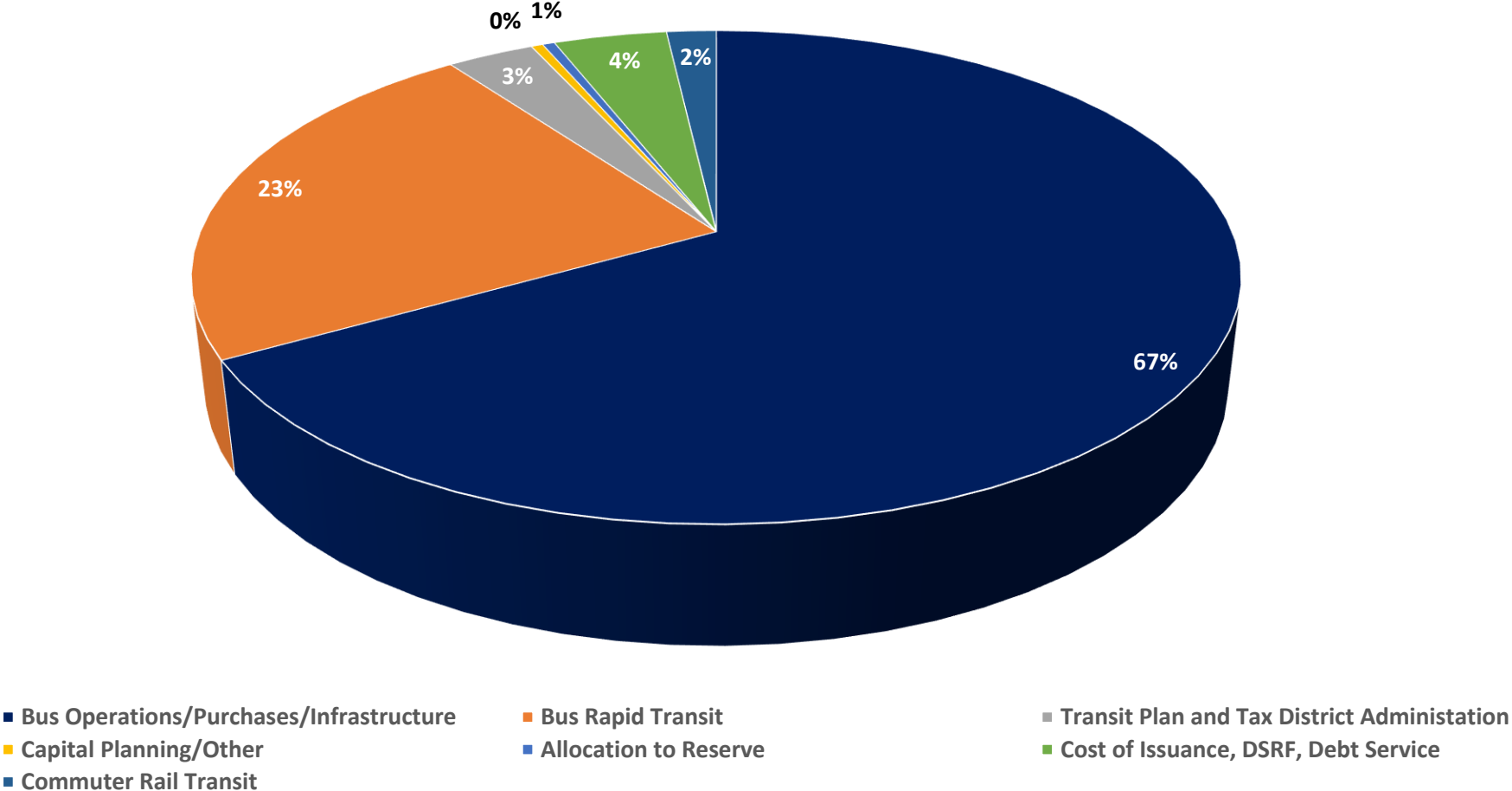
Programmed Projects

Maintenance Facility	\$ 20,710	GoR/GoW ADA Facility
Transit Center/Transfer Point Improvements	68,021	Downtown Cary Multimodal Transit Facility
Park-and-Ride Improvements	1,490	
Bus Stop Improvements	3,960	
Technology	338	
Total Bus Infrastructure	\$ 94,519	
Bus Rapid Transit	\$ 51,917	Wake BRT: Western & BRT Extensions
Commuter Rail Transit	4,078	
Bus Acquisition	18,459	
Capital Planning	150	
Total Projects Modeled	\$ 169,123	
Cost of Issuance, DSFR, Debt Service	9,280	
Total Capital	\$ 178,403	

Maintenance Facility includes RUSBus \$(2.2M) STIP Payment offset

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Wake Transit Work Plan – FY25 Modeled Expenditures



Wake Transit Work Plan – FY25 Modeled Expenditure Assumptions

Key Assumptions -

- All FY24 projects show FY25 programmed costs per FY24 Adopted Transit Plan
 - Agency is encouraged to revisit base for savings
 - Base budget information located in SharePoint
 - New CIP Guidance Template located in SharePoint
- Bus Operations, ADA, Community Funding Areas, and Maintenance Preliminary Amounts from Adopted Wake Transit FY24 Work Plan
 - FY25 Work Plan to incorporate Adopted Wake BusPlan
- Commuter Rail allocation based on the FY24 Wake Transit Work Plan
 - Place-holder scenario
- Annualized FY 2024 Transit Plan / Tax District Administration
- Includes Allocations to Wake Transit Operating Fund
 - To be reviewed if needed during the Draft Work Plan

Wake Transit Work Plan - Follow-up / Wrap-up

Follow-up

Work Plan Request Forms – Due 10/13/23

Further discussions in regards to Bus Rapid Transit timeframes and costs

Further discussions in regards to Rail place-holder scenario

Continue coordination on Grant Funding with partners – 5307, LAPP & Other

Continue Updating Assumptions for FY2025 Draft Work Plan

Incorporate updated farebox

Driver Shortage impact

Future year debt assumptions based on new major capital project cost curves

Key Point

Just the Beginning. Numbers and projects will change.

V. FY25 Wake Transit Work Plan Kickoff

Requested Action:

Receive as information.

VI. Overview of FY24 2nd Quarter Work Plan Amendment Requests

Attachment D

Evan Koff, CAMPO

PLANNING & PROGRAMMING ITEM

GO FORWARD
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Timeline

FY23 2nd Quarter Amendment Requests

ACTION	DATE
Submission Deadline	August 25, 2023
Released for Public Comment	September 1, 2023
Subcommittee Review and Disposition	September 26, 2023
Public Comment Period Ends	September 30, 2023
TPAC Considers Amendment Requests	October 11, 2023
Governing Boards Consider Approval of Changes/Updates	November 15, 2023

FY 2024, Quarter 2, Requested Wake Transit Work Plan Amendments

REQUESTED MAJOR/MINOR AMENDMENTS

Project ID #	Agency	Project Title	FY 23 Original Funding Allocation	FY 24 Original Funding Allocation	FY 24 Requested Funding Allocation	FY 24 Funding Impact	Reason for Major/Minor Amendment Status
Operating Budget Amendment Requests							
TBD	City of Raleigh	Contract Safety & Security Services	\$ -	\$ -	\$ 261,360	\$ 261,360	Major Amendment: New implementation element to fund the contracting two shifts of two additional safety and security personnel at the GoRaleigh transfer station, and to assist with non destination riders on buses and non transit related use of bus shelters and amenities. The requested FY25 impact is \$714,384.
TBD	City of Raleigh	1.0 FTE: Director of Safety & Security	\$ -	\$ -	\$ 75,000	\$ 75,000	Major Amendment: New implementation element to fund a one (1) director level FTE specializing in safety and security. This position's duties will focus on providing oversight of off duty officers working at GoRaleigh station, recruiting/scheduling off-duty officers with jurisdictional authority in the GoRaleigh service area, and coordinate closely with local authorities in Raleigh. The requested FY25 impact is \$153,750.
TO002-BD	GoTriangle	Transit Plan Administration Staffing	\$ 1,873,530	\$ 2,190,000	\$ 2,227,500	\$ 37,500	Major Amendment: This is a request to increase the allocation of the Transit Plan Administration Staffing implementation element by 0.5 FTE. The increased funding is meant to provide support for majority project level work including: planning efforts, funding optimization for Wake Transit projects, construction and inspection of bus stop improvements in Wake County, efforts to re-instate fares, pass program implementation, and other service planning needs. The requested FY25 impact is \$76,875; out of the total requested FY25 funding allocation of \$2,321,625.
Total Operating Funding Impact						\$ 373,860	

Capital Budget Amendment Requests						
Project ID #	Agency	Project Title	Original Funding Allocation	Requested Funding Allocation	Funding Impact	Reason for Major/Minor Amendment Status
TBD13:15H131	Wake County	Wake County and GoTriangle Participation in NCDOT/RTA FAST Study	\$ -	\$ 135,000	\$ 135,000	Major Amendment: This amendment request accounts for the local contribution to the Freeway And Street-based Transit (FAST) Study managed by RTA and NCDOT. The goals of this study are to 1) Make our freeways and regional boulevards “transit ready”, 2) Elevate and identify one or more BRT corridors that directly link with RDU Airport, 3) Advance SMART (Systematic Management of Adaptable Roadways through Technology) freeway corridors. There are currently no plans for impact to FY25.
TC002-F	Town of Cary	New Downtown Cary Multimodal Transit Facility	\$ 17,508,861	\$ 27,508,861	\$ 10,000,000	Major Amendment: To account for: the cost of purchasing the required 21 parcels in downtown Cary plus a 30% contingency (Total = 27,390,480); the Uniform Act requirement of relocation assistance and moving expenses (Total = \$3,280,000); and an increase to the cost of master planning and design work (Total = \$6,329,520); the Town of Cary is requesting an additional \$10,000,000 from the Wake Transit Program to support the Town's contribution of \$10,000,000 to the project. There is no requested impact to the FY25 programmed allocation.
TC003-F / TC003-T	CAMPO	Extension of Planning Horizon for Wake Transit Vision Plan & Community Funding Area Program Management Plan Update	\$ 170,000	\$ 300,000	\$ 130,000	Major Amendment: This is a request to address increasing costs based on refinement of the scoping deliverables as defined in the Work Plan's project description. This amendment request also includes incorporating the scope and costs of updating the Community Funding Area Program Management Plan. The requested FY25 impact is \$150,000.

- The seven requested FY2024 Quarter 2 amendment requests for public review from September 1st – 30th
- So far, after one (1) week there were a total of 16 comments.
- GoTriangle will be updating CAMPO staff with the next batch of comments on September 14, 2023.

VI. Overview of FY24 2nd Quarter Work Plan Amendment Requests

Requested Action:

Receive as information

ROLL CALL VOTE:

FUQUAY-VARINA
KNIGHTDALE
ROLESVILLE
WAKE COUNTY(2)

APEX
GARNER
MORRISVILLE
RT FOUNDATION
ZEBULON

CAMPO (2)
GOTRIANGLE (2)
NCSU
WAKE FOREST

CARY (2)
HOLLY SPRINGS
RALEIGH (2)
WENDELL

MOTION(S):

1. Adopt August TPAC Meeting Minutes

VII. Wake BRT: New Bern Design Update and Northern Corridor MIS Progress Report

Het Patel, Raleigh

PLANNING & PROGRAMMING ITEM

GO FORWARD
A COMMUNITY INVESTMENT IN TRANSIT



WAKE BUS RAPID TRANSIT PROGRAM UPDATE

TRANSIT PLANNING ADVISORY COMMITTEE (TPAC)
SEPTEMBER 11, 2023



WAKE BRT PROGRAM | OVERVIEW

PRE-CONSTRUCTION

- New Bern Avenue – 2025

FINAL DESIGN

- Southern Corridor – 2028

PRELIMINARY DESIGN

- Western Corridor – 2029

PLANNING STUDY

- Northern Corridor – beyond 2030
- Garner to Clayton Extension
- Cary to Research Triangle Park (RTP) Extension



NEW BERN AVENUE

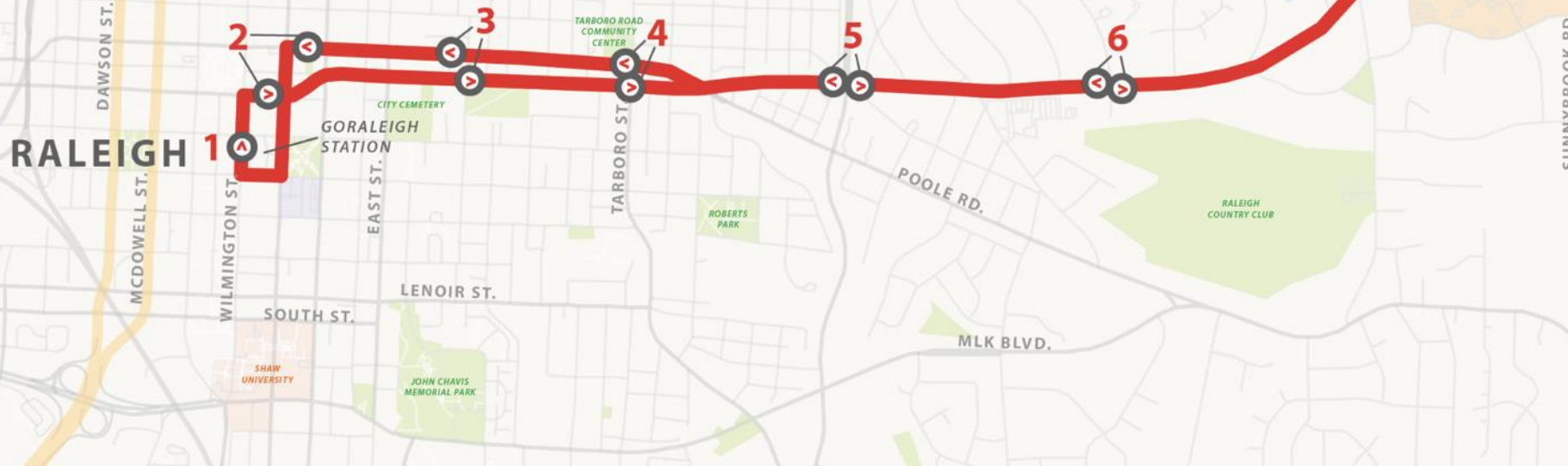
401

OVERVIEW

- 5.39 MILES | 3.3 MILES DEDICATED
- TEN (10) STATIONS, 19 PLATFORMS
- SEVEN (7) 60' ARTICULATED BUSES

NEXT STEPS

- CONSTRUCTION – FALL 2023



STATION	DIRECTION	NAME
1	Outbound	GoRaleigh Station
2	Outbound Inbound	Morgan at Blount Edenton at Blount
3	Outbound Inbound	New Bern at Swain Edenton at Swain
4	Outbound Inbound	New Bern at Tarboro Edenton at Tarboro
5	Outbound Inbound	Raleigh Blvd
6	Outbound Inbound	King Charles
7	Outbound Inbound	Medical District
8	Outbound Inbound	Trawick Rd
9	Outbound Inbound	Corporation Pkwy
10	Outbound Inbound	New Hope Rd East Raleigh

NEW BERN AVENUE | NEXT STEPS

Final Design

- Coordination with NCDOT on final design approval – September 2023

Vehicles

- Seven (7) 60' articulated vehicles purchase order – October 2022
- First test bus anticipated for delivery in Fall 2023

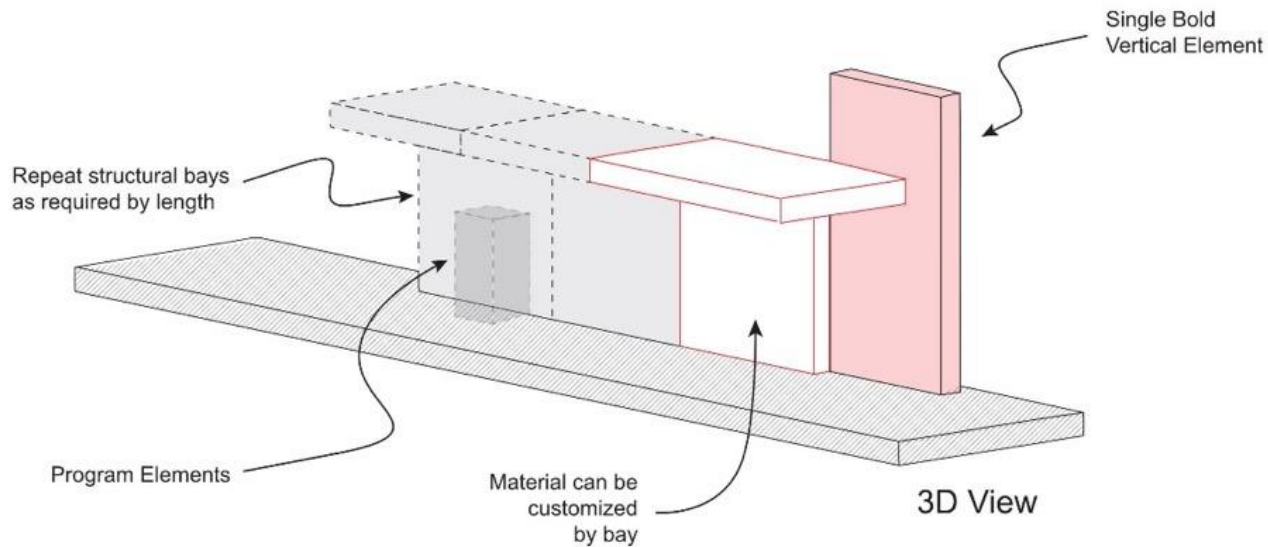
Construction Management / Construction Engineering Inspection (CEI)

- Selection anticipated in September 2023

Construction Bid

- Advertise for construction bid anticipated in late September 2023

BRT STATION DESIGN | GOALS



1

UNIFORMITY

Some elements of stations to be the same for uniformity, but provide an opportunity for some unique elements

2

SCALE

Design should be able to scale up/down depending on context

3

EXISTING STYLE

BRT stations should fit into current transit style

4

OPERATION & MAINTENANCE

Use materials easy to obtain or replace if needed

5

COST

Design should be fiscally responsible

Wake BRT Station Design



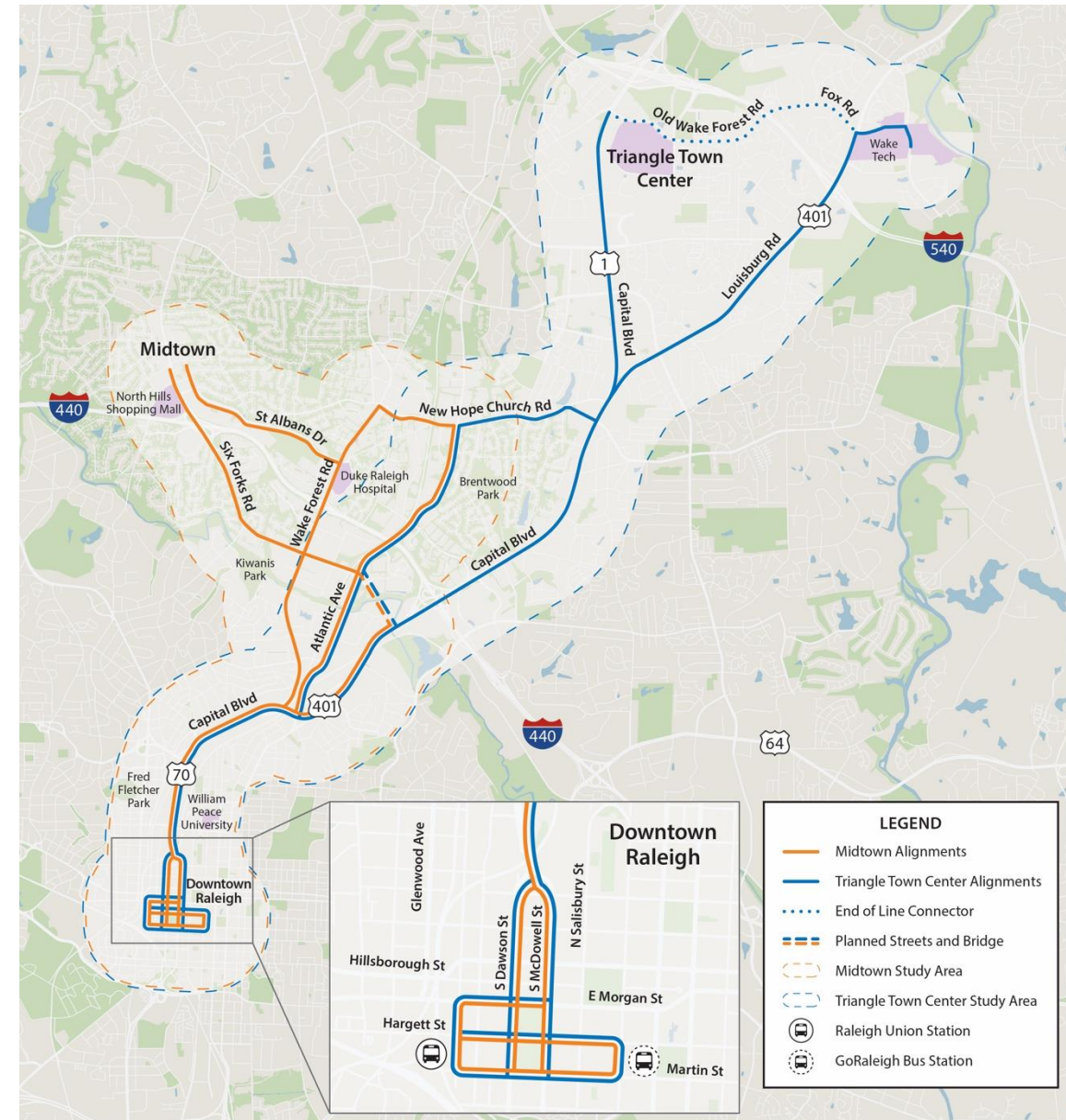
NORTHERN CORRIDOR

Overview

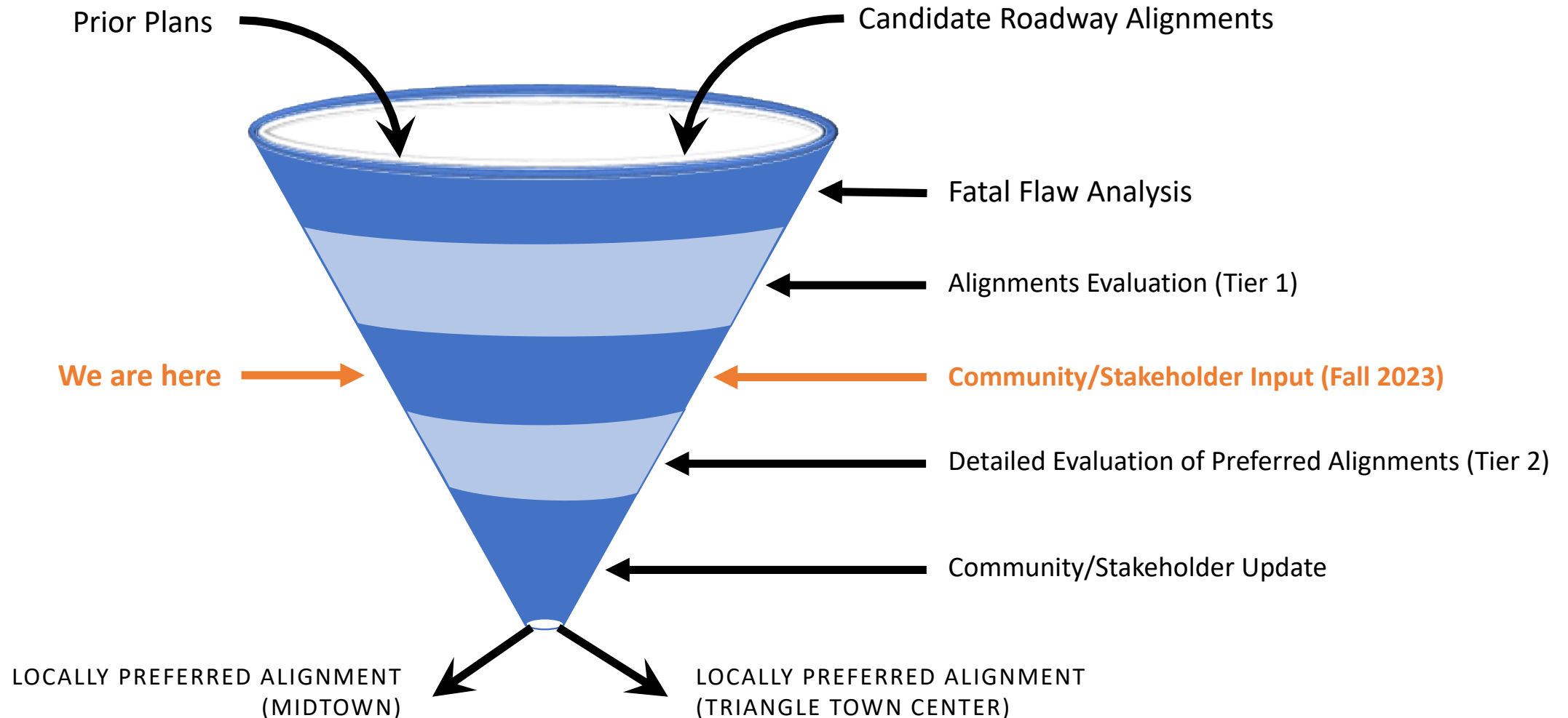
- Planning phase – currently undergoing a Major Investment Study (MIS)
- Purpose of the MIS is to develop recommendations to connect downtown Raleigh to Midtown and downtown Triangle Town Center, and phasing opportunities for implementation

Timeline

- *Summer 2022 – Major Investment Study Kickoff*
- *Fatal flaw analysis (Fall 2022)*
- Locally Preferred Alternatives for downtown Raleigh to midtown and downtown Raleigh Triangle Town Center/Wake Tech (Summer of 2024)



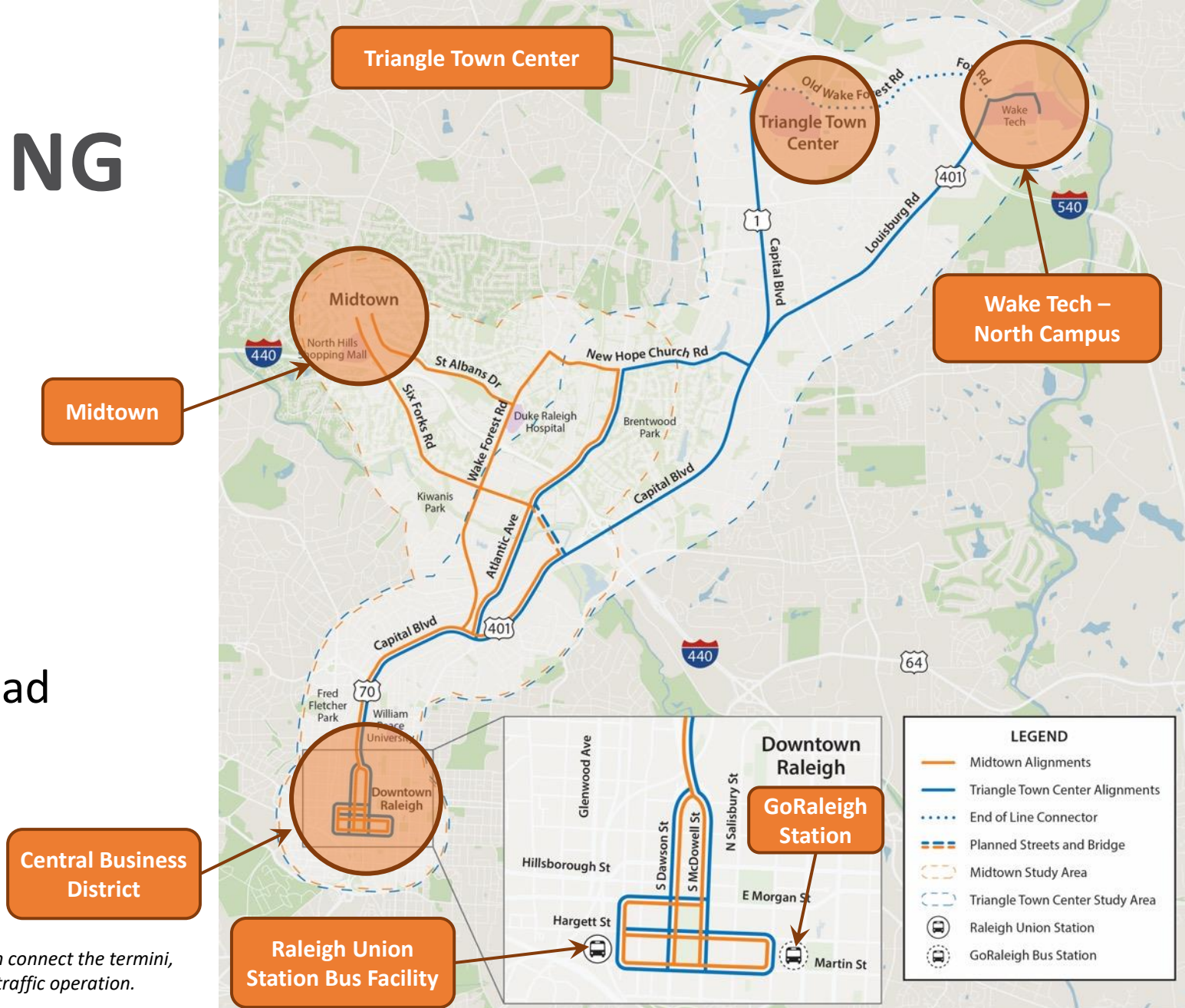
NORTHERN CORRIDOR | MIS EVALUATION



INITIAL SCREENING

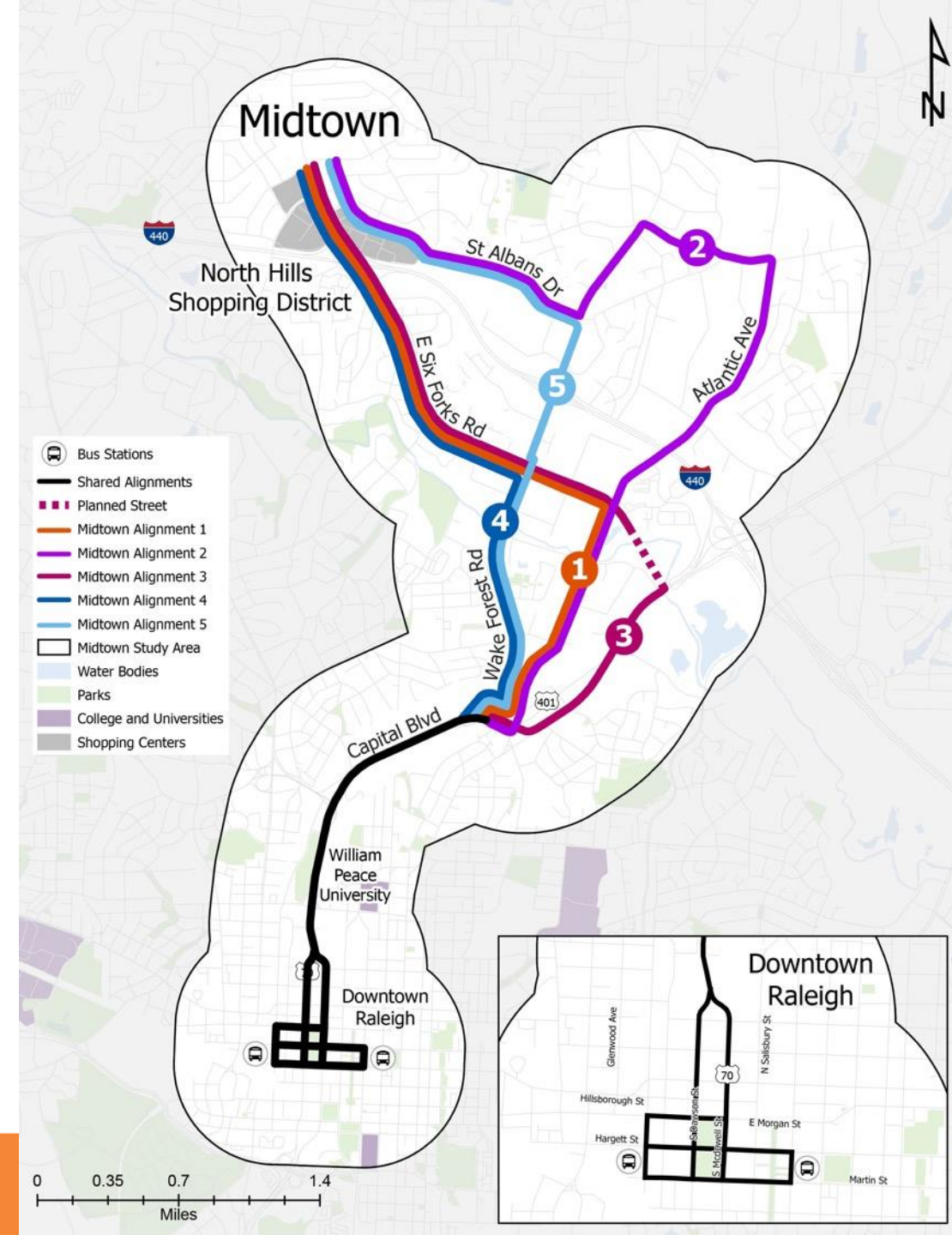
- Wake Forest Road
- Atlantic Avenue
- Capital Boulevard
- New Hope Church Road
- Louisburg Road
- Old Wake Forest Road/Fox Road
- St Albans Drive
- Six Forks Road*

**Note: New bridge would be required to connect Six Forks Rd to Capital Blvd. Also, we can connect the termini, but the mode may not 100% meet the FTA CIG HCT definition, service may require mixed traffic operation.*



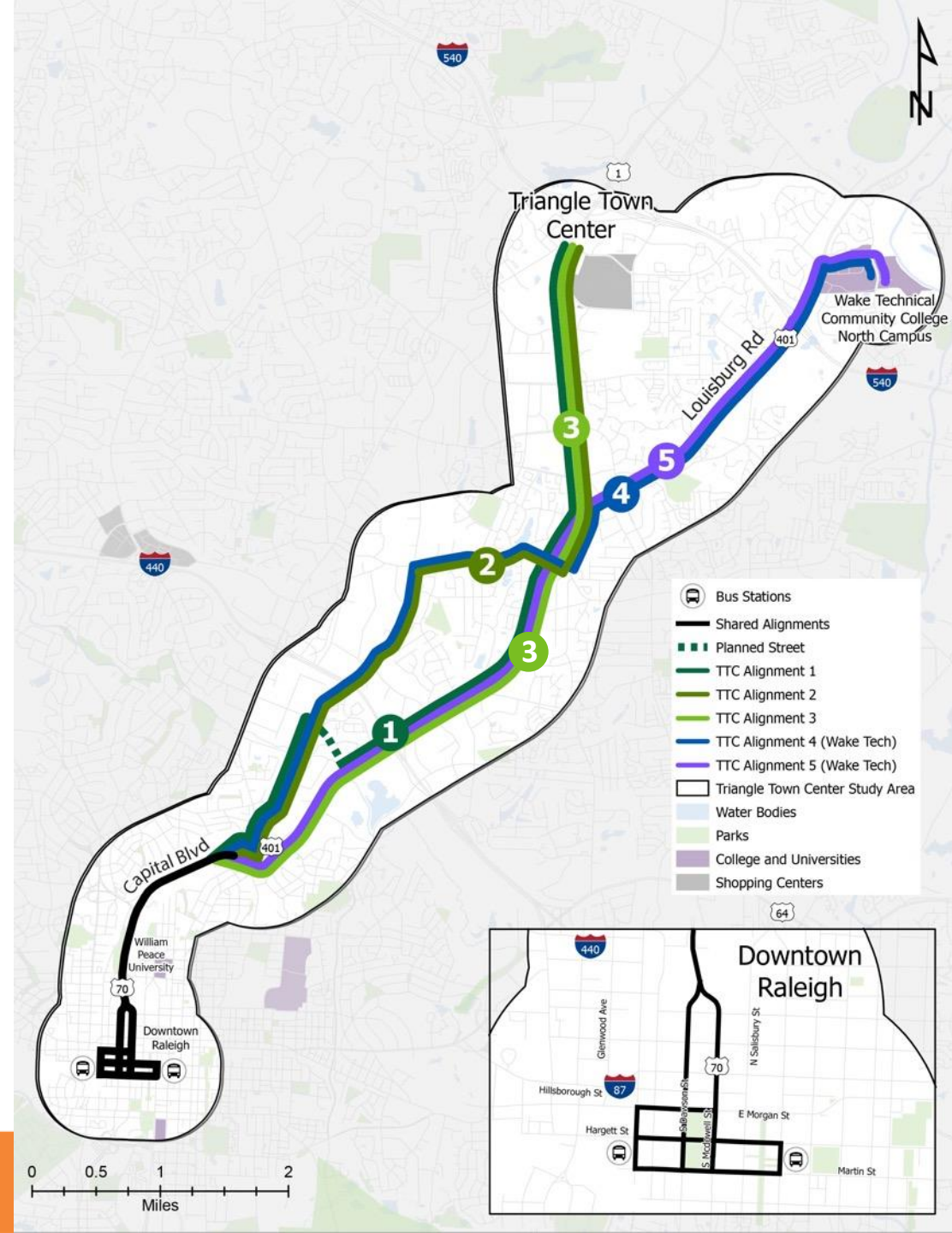
MIDTOWN

- 1 CAPITAL | ATLANTIC | SIX FORKS
- 2 CAPITAL | ATLANTIC | NEW HOPE CHURCH | WAKE FOREST | ST. ALBANS
- 3 CAPITAL | SIX FORKS
- 4 CAPITAL | WAKE FOREST | SIX FORKS
- 5 CAPITAL | WAKE FOREST | ST. ALBANS



TRIANGLE TOWN CENTER

- 1 CAPITAL | ATLANTIC | SIX FORKS | CAPITAL
- 2 CAPITAL | ATLANTIC | NEW HOPE CHURCH | CAPITAL
- 3 CAPITAL
- 4 CAPITAL | ATLANTIC | NEW HOPE CHURCH | LOUISBURG
- 5 CAPITAL | LOUISBURG



NORTHERN CORRIDOR MIS | NEXT STEPS

- Public engagement in Fall 2023 on initial screening
- Advance refined alignments to the detailed evaluation
- Further refinement and detailed screening of remaining alignments (early 2024)
 - Station locations
 - FTA STOPS ridership modeling
 - Capital and Operating & Maintenance (O&M) cost estimates
 - Land use and Transit-Oriented Development opportunities
- Identification of Locally Preferred Alternative (LPA) for Midtown and Triangle Town Center (Summer 2024)
- Public engagement in Summer 2024 on preferred alternatives

WAKE BRT PROGRAM | NEXT STEPS

New Bern

- Final approvals for design through NCDOT
- Advertise for construction bid end of September 2023
- Continue coordination with NCDOT and FTA

Southern Corridor

- Begin final design September 2023
- Continue coordination with Garner, NCDOT and FTA

Western Corridor

- Select final design consultant
- Submit Small Starts Ratings August 2024
- Continue coordination with Cary, NCDOT and FTA

Northern Corridor MIS

- Public engagement on alignment alternatives
- Refinement and detailed screening of remaining alternatives



QUESTIONS?
THANK YOU!

TRANSIT PLANNING ADVISORY COMMITTEE (TPAC)
SEPTEMBER 11, 2023



VII. Wake BRT: New Bern Design Update and Northern Corridor MIS Progress Report

Requested Action:

Receive as information

VIII. Regional Rapid Transit & Bus Study Overview

Paul Black, GoTriangle

PLANNING & PROGRAMMING ITEM

GO FORWARD
A COMMUNITY INVESTMENT IN TRANSIT



GoTriangle Rapid Bus Study

Wake TPAC
September 13, 2023

Some Context

- Legislatively established in 1989 to serve Durham, Orange, and Wake Counties.*

3. That pursuant to Section 160A-608 of the Act ("Purpose of the Authority") the Authority shall have as its purpose to **finance, provide, operate, and maintain** a safe, clean, reliable, adequate, convenient, energy efficient, and economically and environmentally sound **public transportation system for the service area** of the Authority in order to enhance mobility in the region and encourage sound growth patterns; and

- Governed by a 13-member board of trustees, which is **authorized to make decisions and enact policy**

*With buffer into neighboring counties

And more specifically

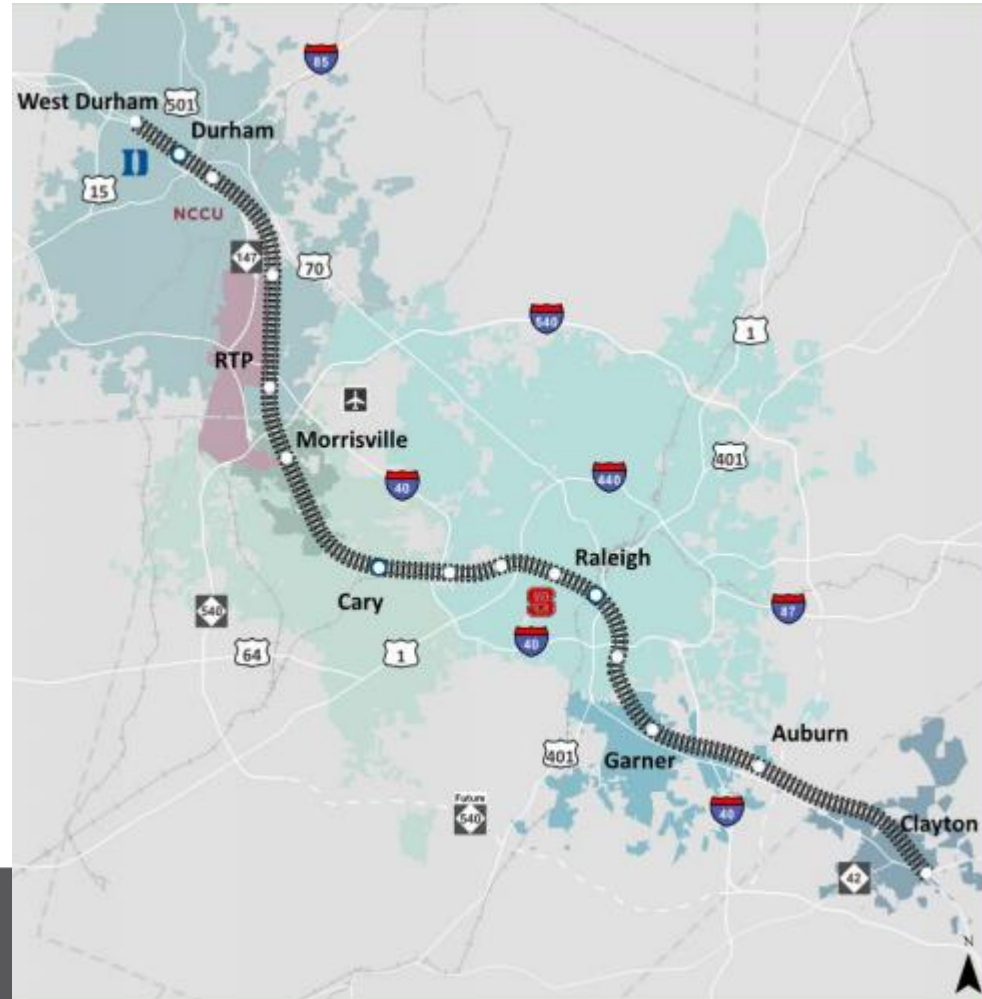
*To develop and make data, **plans***, information, surveys and studies of public transportation facilities within the territorial jurisdiction of the Authority, to prepare and make recommendations in regard thereto;*

-NCGS § 160A-610(11)

*emphasis added

Why Now?

- Regional rail is a longer-term, incremental project
- Meanwhile what should the mid- and long-term regional service be?



GoTriangle needs to figure out what is right for our future.



**Focus on our core routes and
identify future core service.**

Direction from our Board:

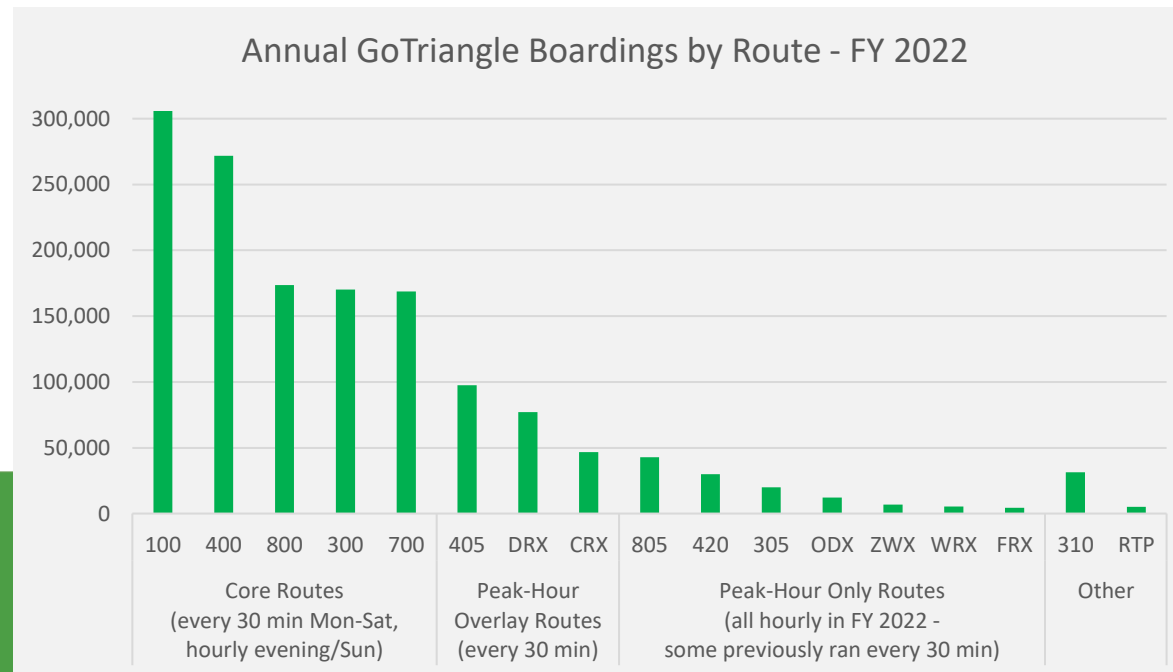
Look into doing bus/BRT study across our service area to:

- Evaluate improving our regional routes as traffic continues to get worse.
- Ensure local systems and local BRTs stay well connected.
- Ideas and options about accomplishing in a way that is complementary to other efforts.



Relation to Other Providers

- GoTriangle bus service has two functions:
 - **Core service** between local providers and regional activity centers
 - **Peak service** in places where no local provider exists or to supplement local service as needed

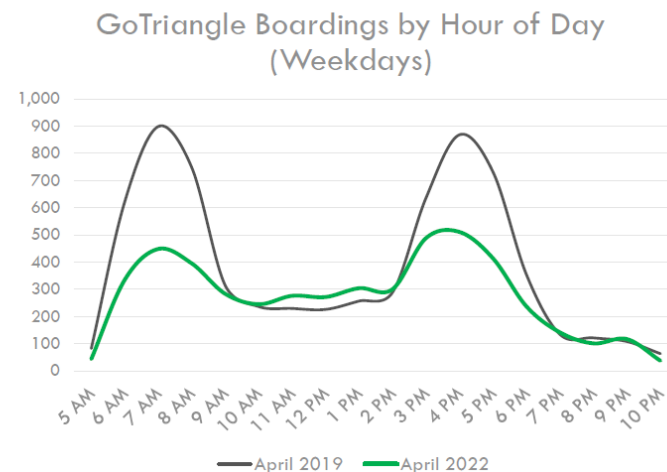
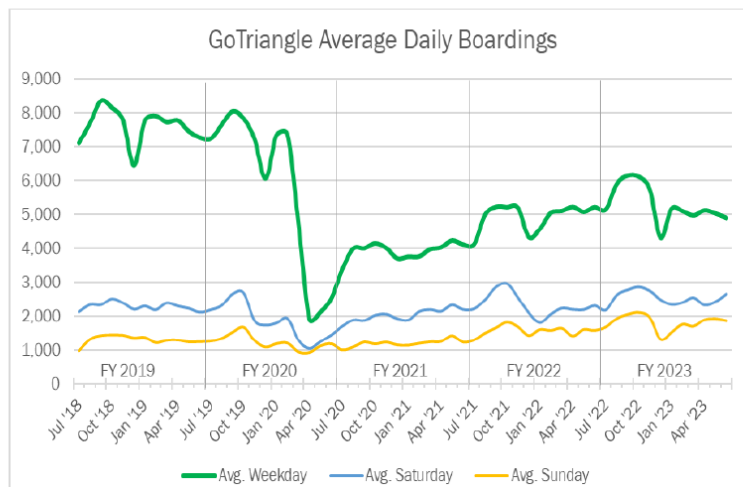


Why Now?

The nature of traditional work commuting changed

Ridership Comparison FY19 to Now

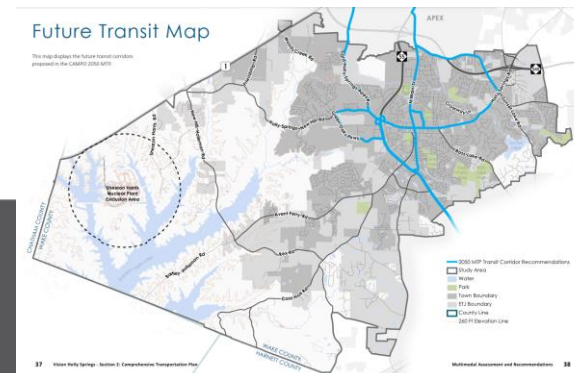
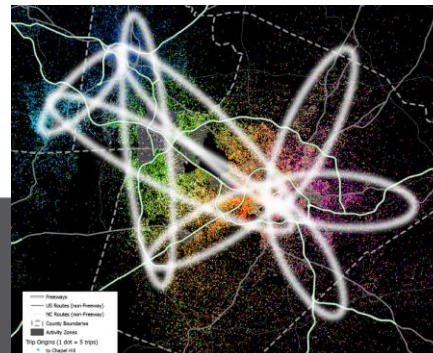
- Weekend ridership is up. Sunday is about one-third higher than FY 2019
- Weekday Ridership is about two-thirds of FY 2019 levels
- More consistent ridership throughout the day; peaks are less strong



What Are Existing Plans?

Other existing plans:

- Joint MTP and Various CTPs
- FAST Study
- Various local comprehensive plans
- County Transit/Bus Plans
- TIP/STIP



Pending Plans

Freeway, Arterial, Street & Tactical (FAST) 2

1. Make our freeways and regional boulevards “transit ready”
2. Elevate and identify one or more BRT corridors that directly link with RDU Airport
3. Advance SMART freeway corridors
4. Formulate a regional vision, goals and brand for transit and mobility

Durham BRT Study

1. Funded but early in scope development
2. Durham County Focus



“The partners recognize that the most time- and cost-effective method of quickly creating an *interconnected, enhanced regional transit network* that can broadly serve the metropolitan Triangle will be to leverage the existing and proposed freeway and regional boulevard network.”

Time and Space

TIME

- Long Range (25+ years): CTP/MTP
- Short Range (0 to 10 years): STIP/TIP, Wake Transit Plan, Bus Plan, & SRTP

SPACE

- Transit plans are fragmented at funding boundaries

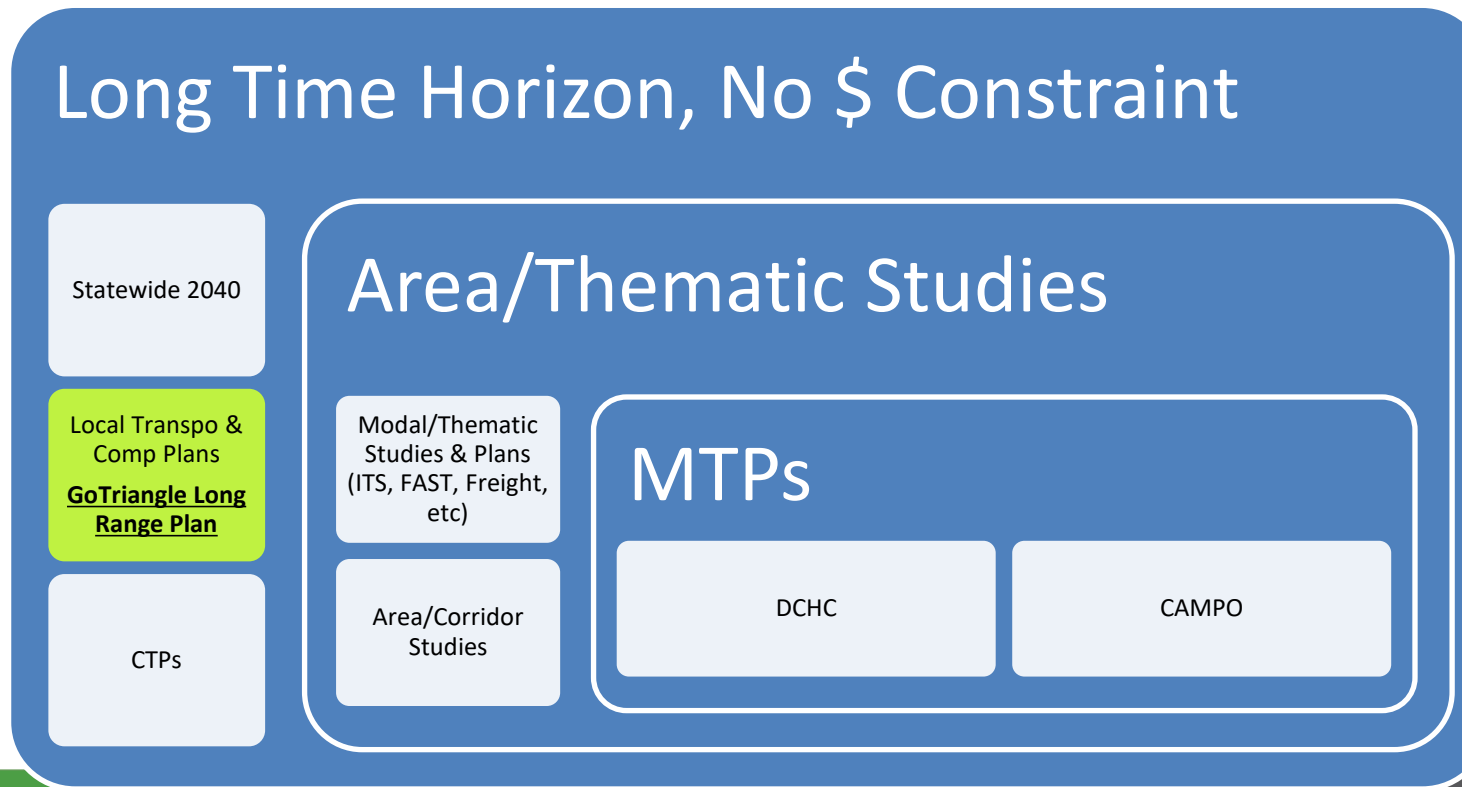
TIME

GoTriangle does not have clear guidance for bus project development in years 11-25 of the MTP (and beyond)

SPACE

Need an agency-specific long range bus plan across our service area

It would feed the MTP just like any other local plan element



What About the GoTriangle Strategic Plan?

High-Level Vision

Short Time Horizon (5 Years)

Clearly defines purpose

Builds consensus about where the organization is going.



2017 - 2021
GOTRIANGLE
STRATEGIC PLAN

It is a “governance” plan with 3 general goals

- Improve Mobility in the Region
- Assure High Quality Customer Service
- Encourage Sound Growth Patterns



The Strategic Plan is not a transportation plan

Thus, GoTriangle needs a plan that fills in details between the Short Range Transit Plans and the MTP Horizon Year+ across the region...

where GoTriangle is the best fit service.



What does GoTriangle want to get out of this?

- Connect the Greater Triangle
- Build upon local BRT corridors and existing bus service
- Identify needs for facility investments and access improvements
- Prioritize projects for development into pipeline



Regional Transit



GoTriangle will evaluate existing GoTriangle corridors to identify infrastructure investments and BRT corridor candidates:

- Core Regional Bus Routes
- Peak Express Bus Routes
- Potential new corridors to complete transit network

End Product

which corridors good fit for GoTriangle
recommendation of mid- and long-term service types
each corridor
inform other regional plans

VIII. Regional Rapid Transit & Bus Study Overview

Requested Action:

Receive as Information

IX. TPAC Subcommittee Report

Upcoming Subcommittee Meetings:

Subcommittee	Program Development	Community Engagement
Chair(s)	Kevin Wyrauch, Town of Cary	R. Curtis Hayes, GoTriangle
Vice Chair(s)	Shavon Tucker, City of Raleigh	Bonnie Parker, CAMPO
Next Meeting	Tuesday, 9/26 – 1:30-3:30pm	Thursday, 9/28– 1:30-3:00pm

X. Workgroup Updates

- **Fare Workgroup (GoTriangle)**
- **Technology Workgroup (GoTriangle)**
- **Rail/Work Plan Workgroup (GoTriangle/CAMPO)**
- **Baseline Funding/MOE Workgroup (GoTriangle/CAMPO)**
- **Bus Plan Core Technical Team (GoTriangle)**

XI. Other Business

- Wake County is continuing to discuss with GoTriangle and other partners, GoTriangle's request to remove the vehicle rental tax revenues from the Wake Transit budget and retain them in-house. Tim Gardiner will provide a brief progress update.
- Lead Agency staff worked together to develop an updated TPAC Subcommittee flier. It is included as Attachment E and has been posted to the TPAC Subcommittee Webpage.
- The most up-to-date version of the FY24 Master TPAC Calendar and Amendment Schedule, are and will continue to be posted online at the top of both the TPAC Subcommittee and the Document Library web pages.

- **The Wake Transit Performance Tracker (Tracker) Updates:**

- CAMPO is currently completing the Summer update to the Tracker.
- GoTriangle and Raleigh staff are asked to review the information currently posted within the “Fixed-Guideway” dashboard tab for needed updates to their project timelines, as well as the ABOUT and HISTORY content. Please submit updated information to Stephanie.plancich@campo-nc.us by Friday September 29th.
- An engagement strategy for notifying the community when Tracker updates are made is being developed and will be presented to the CE Subcommittee.
- CAMPO is working to establish a consultant agreement that will provide technical support, as needed, for the ongoing maintenance of the Tracker.

- **Any other news or updates from TPAC members?**

XII. Adjourn

Next TPAC Meeting:

October 11, 2023