



NC Capital Area **Metropolitan Planning Organization**

WELCOME!

*Today's TCC meeting is being held online.
The meeting will begin shortly.*

Please be prepared to mute your audio following roll call.

Call In: 650-479-3208 Meeting Code: 477 159 580 Meeting Password: MEET

PUBLIC COMMENTS SPEAKER SIGN UP SHEET:

<https://docs.google.com/spreadsheets/d/1gSN5mpMN4KKBzhYrX189ROMATSN0vLgZ6VWOd5ILOj0/edit?usp=sharing>

Download Presentation Slides: <https://campo.legistar.com/Calendar.aspx>



NC Capital Area **Metropolitan Planning Organization**

Technical Coordinating Committee Meeting

December 2, 2021

10:00 AM

1. Welcome and Introductions

Roll Call of Voting Members & Alternates

City of Creedmoor

City of Raleigh (5)

County of Franklin

County of Granville

County of Harnett

County of Johnston

County of Wake (2)

GoCary

GoRaleigh

GoTriangle

Town of Angier

Town of Apex

Town of Archer Lodge

Town of Bunn

Town of Cary (2)

Town of Clayton

Town of Franklinton

Town of Fuquay-Varina

Town of Garner

Town of Holly Springs

Town of Knightdale

Town of Morrisville

Town of Rolesville

Town of Wake Forest

Town of Wendell

Town of Youngsville

Town of Zebulon

N.C. Dept. of Transportation (6)

N.C. State University

Raleigh Durham Airport Auth.

Research Triangle Foundation

Rural Transit (GoWake Access)

Triangle J. Council of Govts.

Triangle North Executive Airport

Federal Highway Administration

N.C. Turnpike Auth.

2. Adjustments to the Agenda

3. Public Comments

This is an opportunity for comments by those in attendance. Please limit comments to three (3) minutes for each speaker.

4. Minutes

4.1 TCC Meeting Minutes: November 4, 2021

Requested Action:

Approve the November 4, 2021 Meeting Minutes.

5. Regular Business

5.1 FY 2018 Wake Transit Work Plan Project Period of Performance Extensions

FY 2018 Project Funding Agreement Period of Performance Extensions (Proposed)

Project Sponsor	Project ID	Project Name	Original FY 2018 Allocation	Funds Remaining in Project Funding Allocation	Recommended Extension
Town of Cary	TC002-C	ADA Bus Stop Improvements	\$495,000	\$261,177	1 year (12/31/22)
	TC002-E	Design of Bus Operations and Maintenance Facility	\$1,000,000	\$710,680	
GoTriangle	TC002-B	Design for Expansion of Bus Operations & Maintenance Facility (Wake County Share)	\$200,000	\$104,520	
TOTAL				\$1,076,377	--

5.1 FY 2018 Wake Transit Work Plan Project Period of Performance Extensions

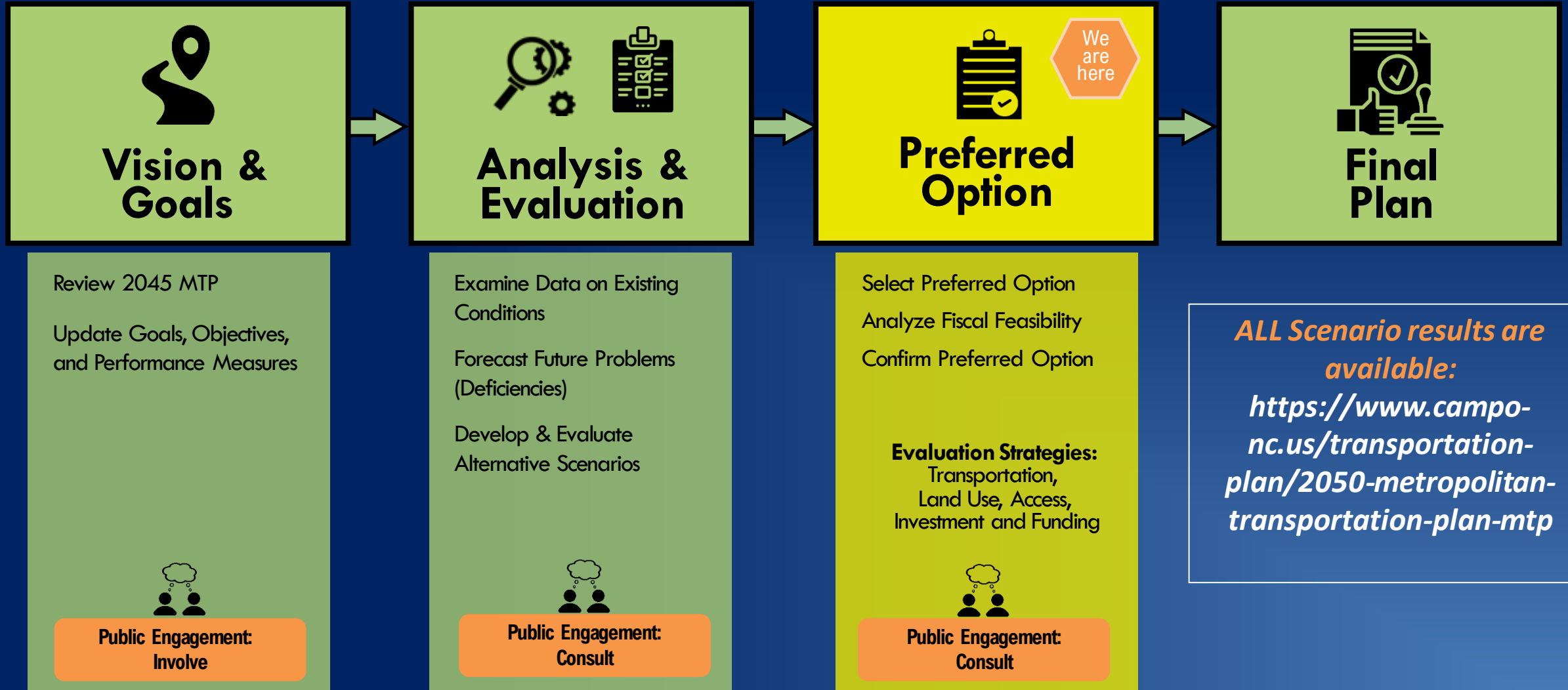
Requested Action:

Recommend the Executive Board approve the period of performance extensions for the FY 2018 Wake Transit Work Plan project funding allocations, as detailed in Attachment 1, and authorize the Executive Director to execute any applicable agreements to which CAMPO is a party.

5.2 2050 Metropolitan Transportation Plan (MTP/CTP) Update



MTP Update Process

The overall process to develop the MTP typically takes 18 months, or more. CAMPO updates the MTP on a 4-5 year cycle and is currently developing the 2050 MTP.



Scenario Framework

Four scenarios that match a development foundation with a mobility foundation:

Connect 2050 Scenario Framework							
			Mobility Investment Foundation				
			Existing & Committed	Trend	Mobility Corridors	Complete Communities*	Comprehensive Transport Plan
	Development Foundation	Existing or Underway	basis for all scenarios				
		Community Plans	Deficiency & Needs Scenario	Plans & Trends Scenario			
		Opportunity Places (Key Hubs; REINVEST Neighborhoods)			Shared Leadership Scenario	All Together Scenario	
		Build-Out					If unlimited \$ & capacity growth

* More focused investment on Complete And Safe Streets, Active Transport, and Transit

The Opportunity Places Development Foundation

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

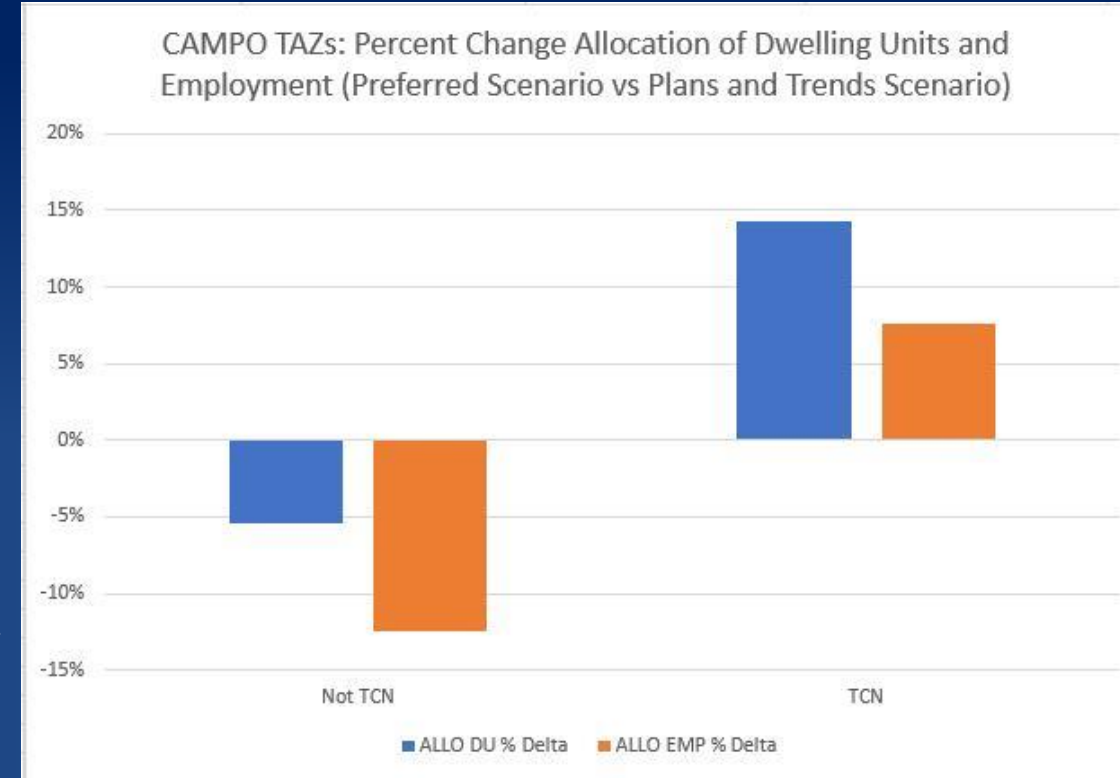
Opportunity Places Development Foundation

Mechanically derived – 4 main elements

Community Plans is the starting point. Modified as follows:

1. Anchor institutions – increased asserted development
2. Mobility hubs – more intense, mixed use development in ~2 dozen places; largely at previously identified “activity centers” in CommunityViz
3. Frequent transit corridors (Travel Choice Neighborhoods) – TOD development on developable parcels
4. Affordable housing opportunity sites – asserted “LIHTC-like” projects on undeveloped public land through GIS-based criteria

This Development Foundation is used for the Preferred Scenario

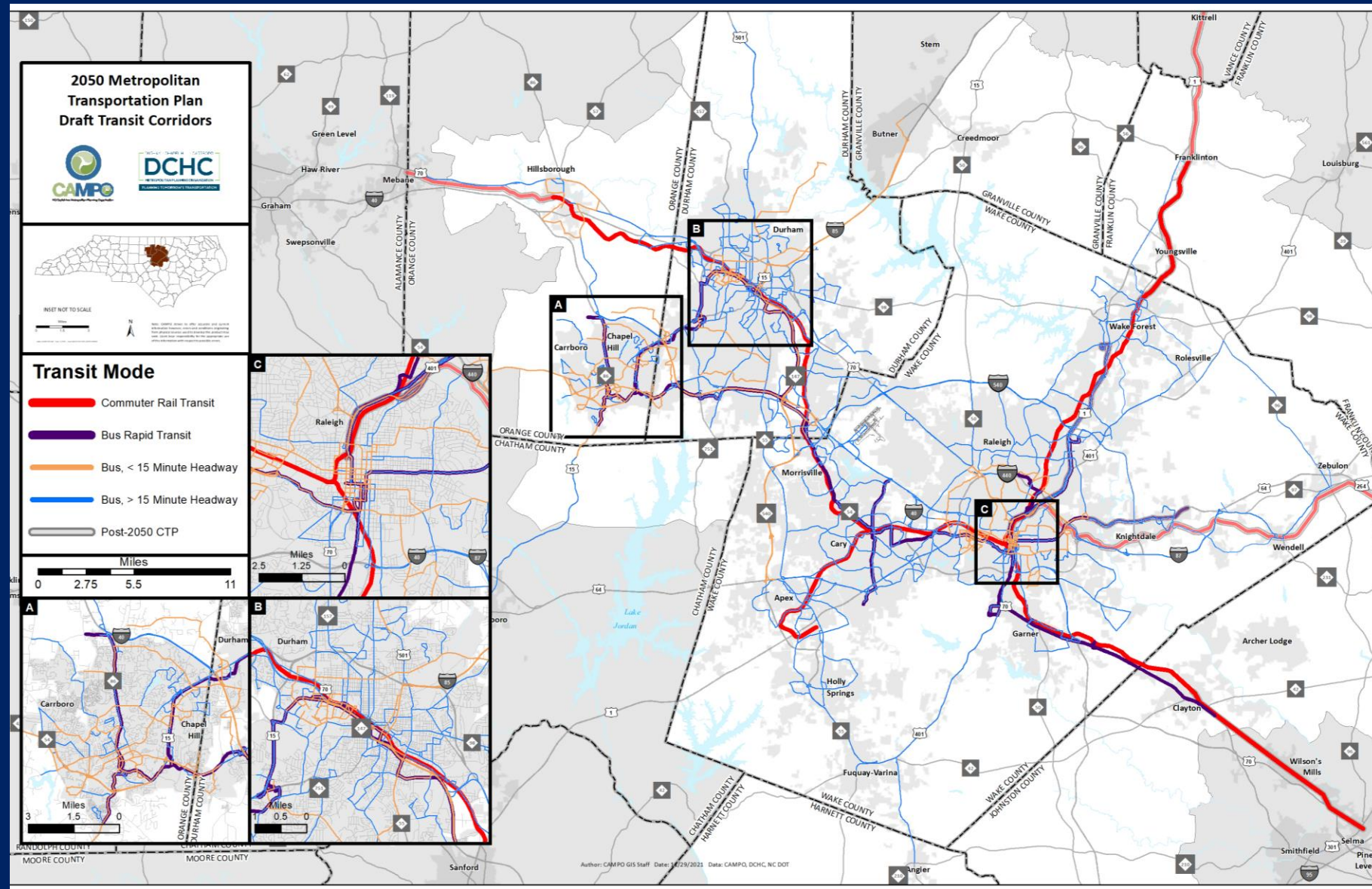


Major Transit Investments

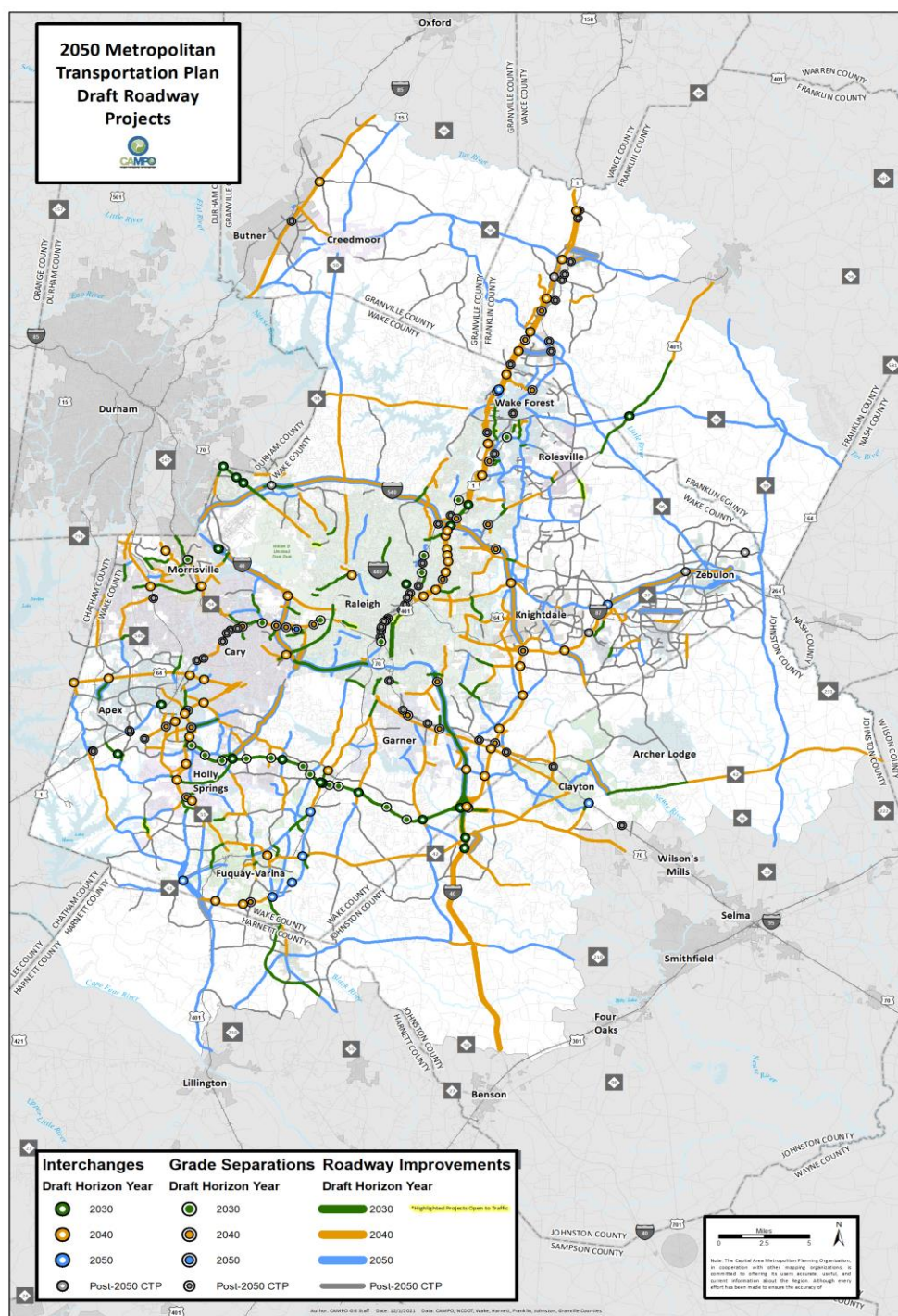
- CRT from Selma to Hillsborough
- CRT from Apex to Franklinton
- BRT Infrastructure and Service in Capital, New Bern, Wilmington, and Western/Chatham/NC 54 corridors
- BRT Infrastructure and Service in Harrison/Kildare Farm Rd. corridor
- BRT Infrastructure and Service to Midtown
- Increased investment in the frequent bus network & Community Funding Areas

*** With additional regional/local revenue assumptions**

Preferred Scenario Transit Element



2050 Metropolitan Transportation Plan Draft Roadway Projects



Preferred Scenario Roadway Element

2050 Preferred Scenario

- Traditional financial resources largely focused on higher order roadways (State/Federal funds)
- Fiscal Constraint impacted 48 percent of preferred scenario roadway projects
- **400+ projects moved to CTP horizon year**
 - Additional regional/local revenue assumptions resulted in **Higher** level of secondary roadway investments in 2nd two decades

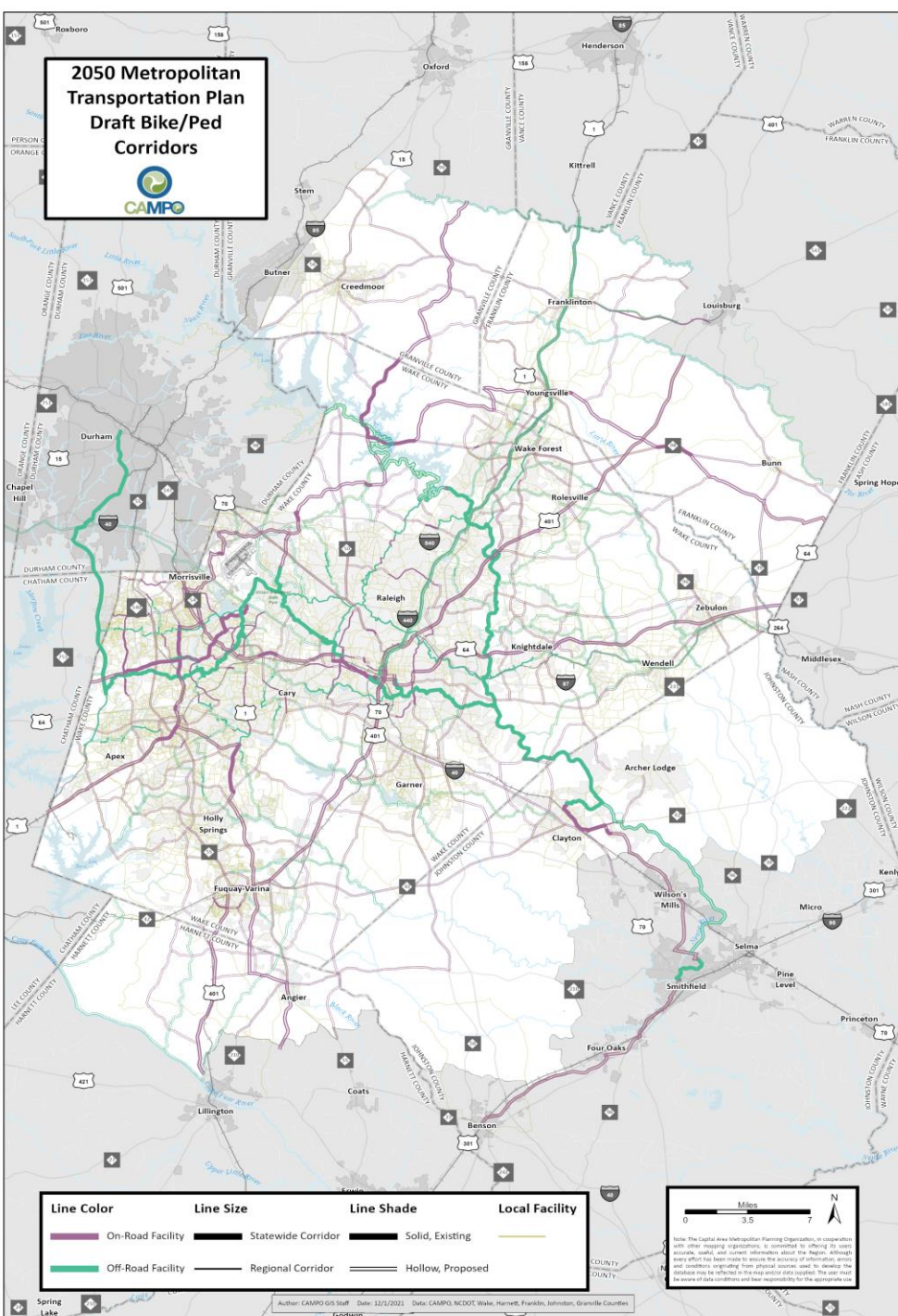
Major Roadway Investments

- Completion of Outer Loop
- Widening/Improving I-40, I-440, US 401, US 1, US 64, US 70, NC 42, NC 50, NC 54, NC 55, NC 98
- **Complete Streets** secondary roadway investments in 2nd two decades

**With additional regional/local revenue assumptions*

Preferred Scenario Bicycle & Pedestrian Element

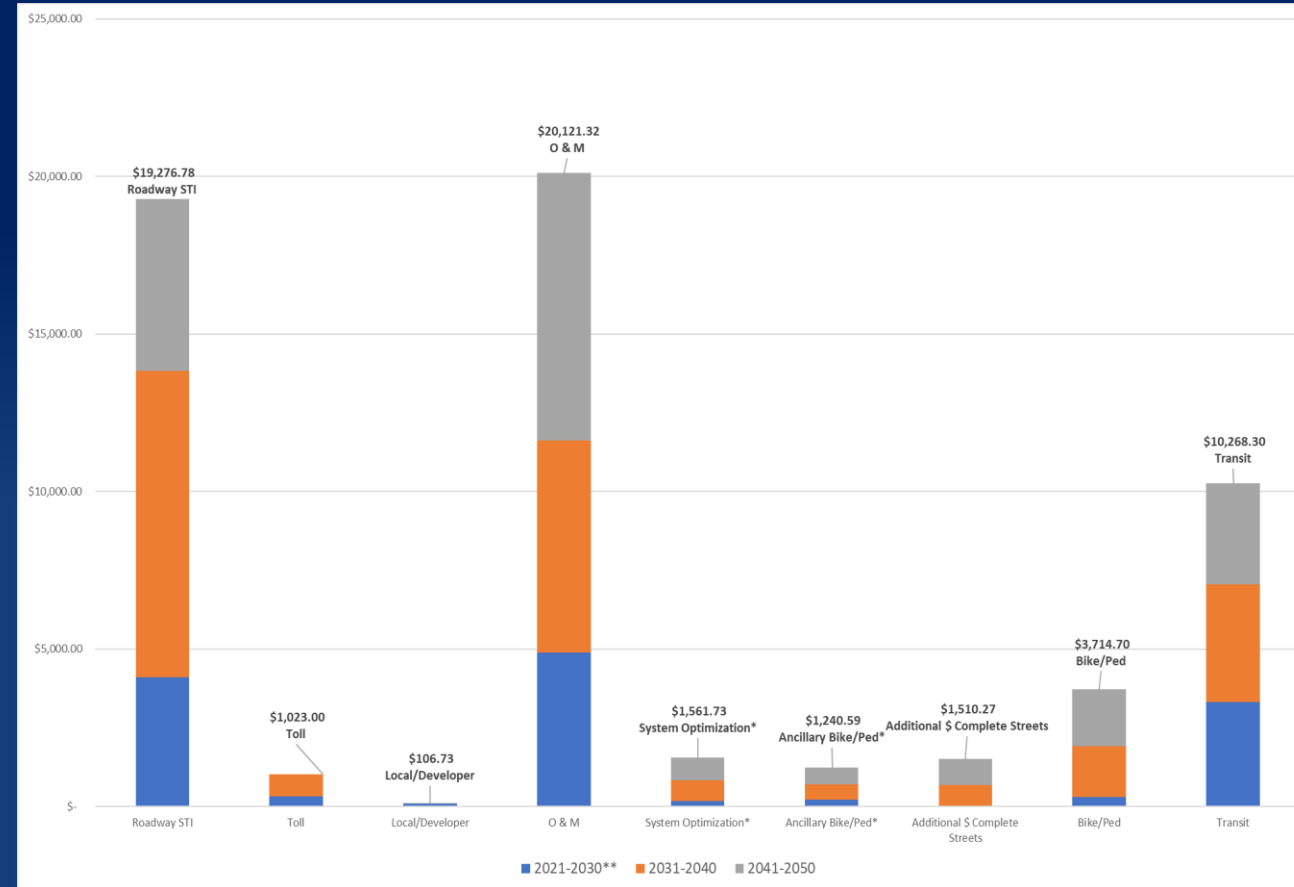
- On & Off-Road Corridors
- Functional Classification:
 - Statewide (Inter-Regional)
 - Regional (Intra-Regional/Collector)
 - Local
- *Sidewalks are included Programmatically in MTP*



2050 MTP Revenue Forecast

Our Revenue Forecast:

- 1st Decade
 - TIP/STIP (10 yr Work Program)
 - Local funding/development activity
- 2nd & 3rd Decades
 - “Traditional” Federal & State Funds
 - *Assumed increases for Preferred scenario*
 - MPO portion based NCDOT Forecast
- Transit Funds
 - *Wake Transit Plan Forecast (modified/extended)*
- Local Revenue
 - Based on Local CIPs / Development Activity
- **New Regional/Local Revenue Assumption**



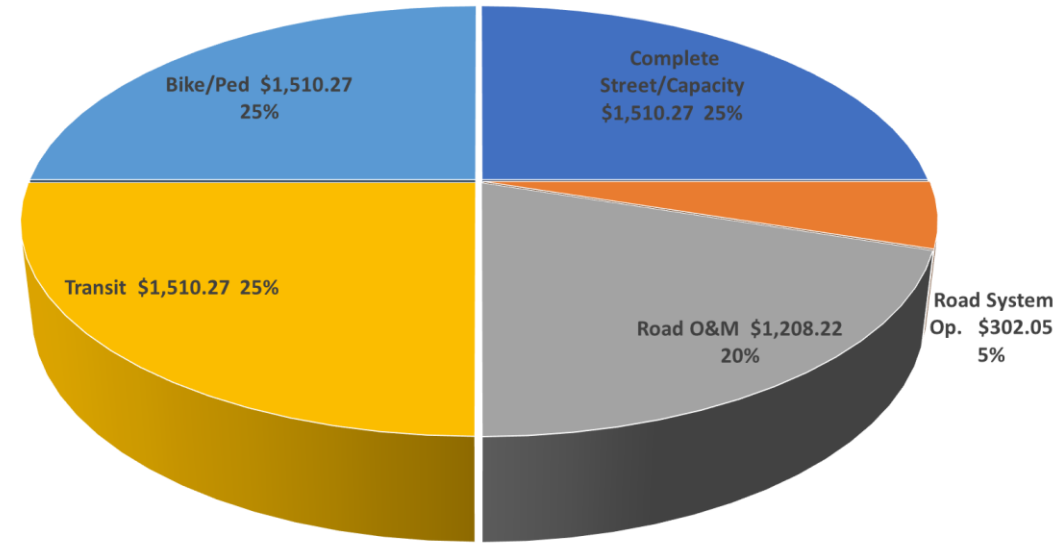
New Revenue Assumptions

- Local and regional revenue options
- Prior MTPs have made similar assumptions
 - Driven by modal investment mix
 - 2045 MTP used overall MTP investment mix
 - Multimodal in nature
 - Roadway investments targeted at secondary roads
 - In addition to existing ½ cent Wake Transit revenue (sales tax, reg. fee)
- Examples of prior assumptions include:
 - ½ cent sales transit sales tax (Wake, Durham, Orange)
 - ½ cent sales tax equivalent (2035, 2040, 2045 plans)
 - ¼ cent sales tax equivalent (2045 MTP for Franklin, Granville, Harnett, Johnston)
 - VMT based revenue
 - Property tax based revenue
 - New local/regional bond programs (e.g. Pennies for Progress)

New Regional/Local Revenue Assumptions

1 cent sales tax equivalent:

- One cent sales tax equivalent calculation is in alignment with the Charlotte region and other partners across the state.
- *Complete streets policy compliance is key*
- General support for additional bike/ped resources
- Received unanimous TCC recommendation & Executive Board endorsement



Alternative 4 (*1 cent equivalent*) (*currently in use*)

- Amount for Complete Streets/secondary roads remains the same as Alt 3 but share of pie decreases
- Additional resources for both Transit and standalone bike/ped
- Increase for O&M and ITS/TDM
- 2031-2050 total: \$6.042 Billion

Review data on CAMPO website:

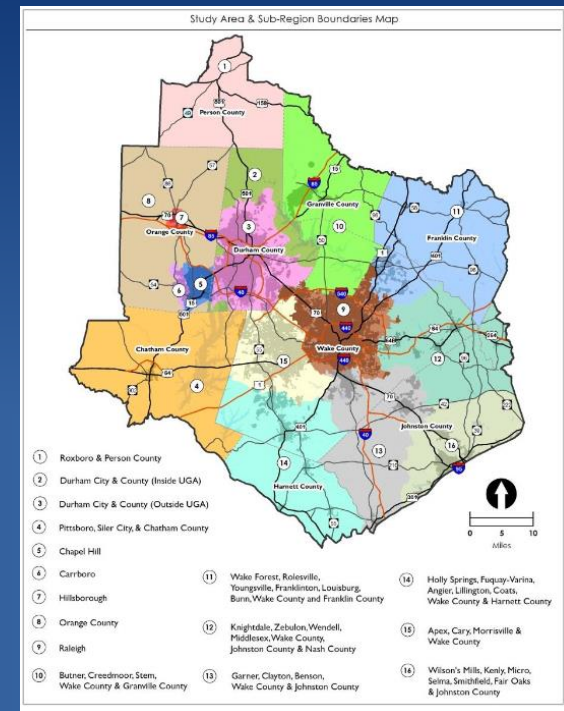
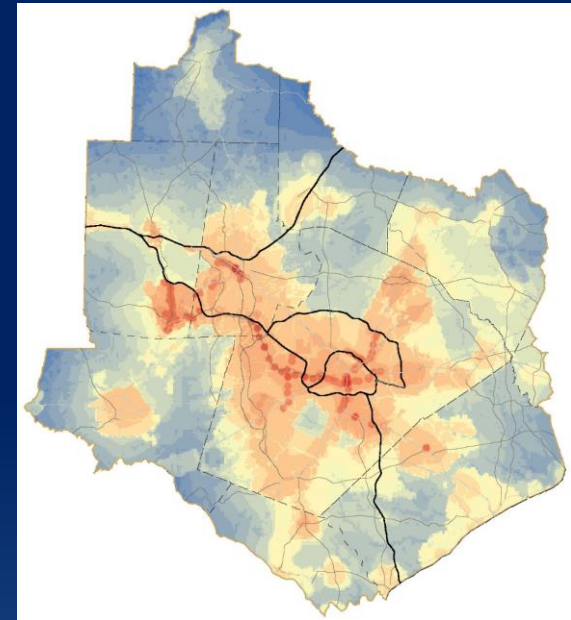
- Maps: 2050 MTP Scenario Maps
- Overview & Details: 2050 MTP

Draft Plan Available for Comment:

- Fiscal Constraint updates/refinements*
- Continue to think about *when* projects may occur and what will be needed to implement them (fiscal resources)
 - If there are questions, contact CAMPO staff to discuss

All scenarios and metrics remain available online for review.

** Additional refinements, metrics, and analysis have been included in online materials*



Draft 2050 MTP Public Comment Period is Oct. 28 to Dec. 8

Summary of 38 Public Comments (Emails from August – November 2021)

- Requests to remove Future U.S. 401 (bypass) – *Majority of emails received*
- Climate change – All Together not enough to have significant impact
(received via email and during public comment period at Joint MPO Boards meeting Sept. 2021)
- Support for rail in east Wake; Connecting Raleigh, Durham, Chapel Hill w/ RDU
- Support for increased bus service in specific locations
- Feedback on specific projects

First Name	Last Name	Home Location	Comments	Date	Event	Staff Response	
1	Joanne	Boruden	Willow Spring	Requests that: 1) Future U.S. 401 bypass be removed and erased from the 2050 MTP. 2) U.S. 401 Corridor Study cease and officially discontinued until specific projects are funded in the STIP and work is underway. Projects: Widening N.C. 42 to 4 lanes • Widening Old Stage Rd to 4 lanes • the Fuquay-Varina Eastern Parkway • U-5751 N.C. 55 and N.C. 42 grade separation over U.S. 401 • Widening Lake Wheeler Rd to 4 lanes • Hilltop Road Relocation • the Western Angier Bypass and very importantly the already funded and already preliminarily designed NCDOT STIP Project #R-5705, which is the Hwy 55 Angier Bypass & Hwy 55 Widening project from Jicarilla Lane in Wake County to Oak Grove Church Rd in Harnett County as well as the unfunded portion of NCDOT STIP Project # of Hwy 55 in Wake County from Hwy 42 at "5-Points" to Jicarilla Lane. Also states that Exec. Board is expected to support local farmers and farmland as opposed to taking action to approve plans which destroy multi-generational farms and farmland.	11/17/2021	Email	Added to public comments for 2050 MTP and U.S. 401 Corridor Study.
2	Amanda	Cedillo	Willow Spring	Request that U.S. 401 corridor not be included in the 2050 MTP, as the study is ongoing and routes not currently selected.	11/17/2021	Email	Added to public comments. Will also reply to Ms. Cedillo to share link to the study website as well as mention that the Future U.S. 401 (bypass) has been included in multiple prior adopted MTPs. One of the goals of the study is to identify a preferred route in order to update the MTP with a more meaningful line (route).
3	Betty	Dickens	Fuquay-Varina	Owens a farm on Parfly Rd. and is concerned the Future U.S. 401 (bypass) will bisect the property. Asks whether the route could be along the lower property line instead of through the farm.	11/17/2021	Email	Study project team will review property questions raised and respond to Ms. Dickens. Added to 2050 MTP and U.S. 401 Corridor Study public comments record.
4	Amanda	Fish	Fuquay-Varina area	Request that U.S. 401 corridor not be included in the 2050 MTP, as the study is ongoing and not completed.	11/17/2021	Email	Added to public comments. Will also reply to Ms. Fish to share link to the study website as well as mention that the Future U.S. 401 (bypass) has been included in multiple prior adopted MTPs. One of the goals of the study is to identify a preferred route in order to update the MTP with a more meaningful line (route).
5	Dustin	Grimes	Fuquay-Varina area	Request that U.S. 401 corridor not be included in the 2050 MTP, as the study is still being conducted.	11/17/2021	Email	Added to public comments. Will also reply to Mr. Grimes to share link to the study website as well as mention that the Future U.S. 401 (bypass) has been included in multiple prior adopted MTPs. One of the goals of the study is to identify a preferred route in order to update the MTP with a more meaningful line (route).
6	Candace	Gray	Fuquay-Varina area	Requests: 1) Remove proposed 401 bypass from 2050 MTP as study is still ongoing; 2) U.S. 401 Corridor Study discontinue until other projects in the area are either constructed or funded so that the data would be more accurate. Projects list: • Widening Lake Wheeler Rd to 4 lanes • Hilltop Road Relocation • Widening N.C. 42 to 4 lanes • Widening Old Stage Rd to 4 lanes • Fuquay-Varina Eastern Parkway • U-5751 N.C. 55 and N.C. 42 grade separation over U.S. 401 • Western Angier Bypass. States that there should be greater support for farmers and it should start with metropolitan plans like this.	11/17/2021	Email	Added to public comments.
7	Gary	McCabe	Fuquay-Varina	Requesting removal of the Future U.S. 401 (Bypass) from the 2050 MTP	11/16/2021	Email	Added to public comments for MTP
8	Phil	Vesley	Wendell	Support for East Wake Commuter Rail	11/2/2021		Added to public comments for MTP
9	Randy	Fenske	Cary, Fuquay-Varina	Requesting removal of the Future U.S. 401 (Bypass) from the 2050 MTP while also requesting that the following projects be moved to highest priority: Fuquay-Varina Parkway from Hwy 42 to Clayton Rd; Widening of Old Stage Road from U.S. 401 to Hwy 55; Widening of Hwy 55 from Five Points to Jicarilla Ln; and consider creative strategies such as double decker style bridges and roads	10/29/2021	Email	Added to public comments for MTP

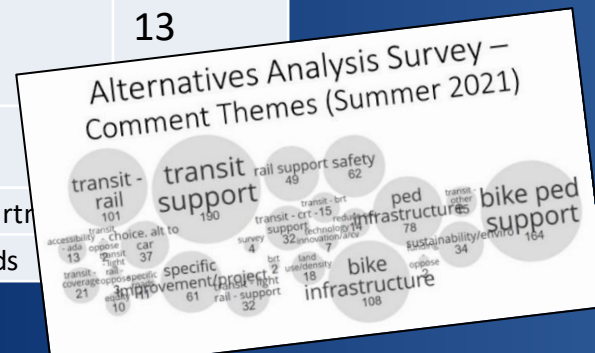
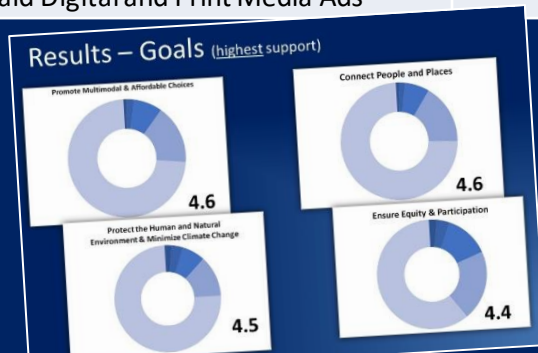
2050 MTP Development – Public Engagement Overall



Vision & Goals	
Activity	Performance #
Survey Participants	2,169
Survey comments	400+
Email Comments Received	2
Detailed Website	
Communications Toolkit for Partners	
Paid Digital and Print Media Ads	

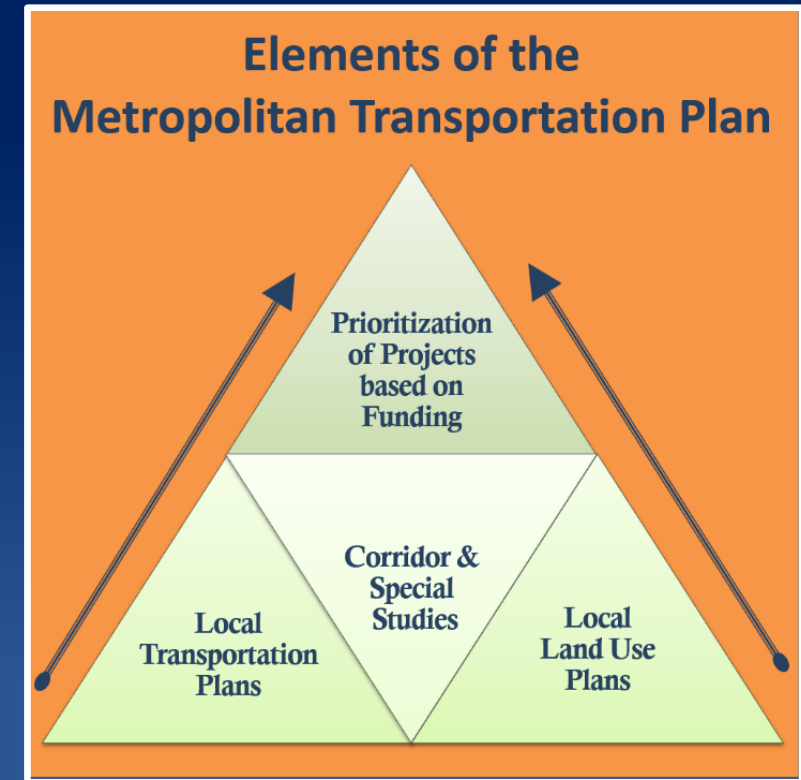
Activity	Performance #
Two online public info sessions	20
Survey Participants	763
Survey Comments	1,000+
Email Comments	9
Joint Meeting Public Comment Speakers	13
Detailed website;	
Interactive maps by scenario	
Communications Toolkit for Partners	
Paid Digital and Print Media Ads	

Draft 2050 MTP	
Activity	Perfrom ance #
Email Comments	38
Detailed Website	
Online Interactive map	
Paid Digital Ads	
Printed Legal Ads	



Many Planning Activities that feed into the MTP have significant public engagement, too.

- Large Area Studies
 - Southeast Area Study
 - Southwest Area Study
 - Northeast Area Study
- Corridor Studies
 - NC 98; U.S. 401
- Other Special Studies (modal studies)
 - Triangle Bikeway
- Local Land Use and Transportation Plans
- Transit Plans
 - Wake Transit Plan Update
 - Wake Bus Plan (Update underway)
 - Commuter Rail Planning



5.2 2050 Metropolitan Transportation Plan (MTP/CTP) Update

Item	Anticipated Milestone Dates
Draft Plan	October 2021
Public Review & Comment	Oct. 28 – Dec. 8
Public Hearing	Nov. 17, 2021
Approve 2050 MTP pending AQ	Nov./Dec. 2021
AQ Conformity	Dec. 2021 – Jan. 2022
Final 2050 MTP Approval	Jan. 2022

Requested Action:

Review updated draft 2050 MTP/CTP and recommend approval of the 2050 MTP/CTP projects and programs to the Executive Board.

Roll Call Vote for Action Items:

TCC November Meeting Minutes, FY 2018 Wake Transit Period of Performance Extensions, 2050 MTP Projects and Programs

City of Creedmoor

City of Raleigh (5)

County of Franklin

County of Granville

County of Harnett

County of Johnston

County of Wake (2)

GoCary

GoRaleigh

GoTriangle

Town of Angier

Town of Apex

Town of Archer Lodge

Town of Bunn

Town of Cary (2)

Town of Clayton

Town of Franklinton

Town of Fuquay-Varina

Town of Garner

Town of Holly Springs

Town of Knightdale

Town of Morrisville

Town of Rolesville

Town of Wake Forest

Town of Wendell

Town of Youngsville

Town of Zebulon

N.C. Dept. of Transportation (6)

N.C. State University

Raleigh Durham Airport Auth.

Research Triangle Foundation

Rural Transit (GoWake Access)

Triangle J. Council of Govts.

Triangle North Executive Airport

6. Informational Items: Budget

6.1 Operating Budget – FY 2022

6.2 Member Shares - FY 2022

Requested Action:
Receive as information.

7.1 Informational Item: Project Updates

Studies:

- Cary-RTP and Garner-Clayton Rapid Bus/BRT Extension
- Southeast Area Study Update
- Triangle Bikeway Implementation
- U.S. 401 Corridor
- Western Wake Traffic Signal System Integration
- Mobility Management Program Implementation

Other Updates:

- Mobility Coordination Committee
- Safe Routes to Schools Committee
- Safe Routes to Schools Road Safety Audit w/ NCDOT
- Non-Motorized Volume Count Data Program
- Triangle Transportation Choices (TDM) Program
- Public Transportation Agency Safety Performance Measures & Targets
- NCDOT Project U-2719 Update
- Wake Transit Community Engage. Policy Update

7.2 Informational Item: Public Engagement Updates

Requested Action:
Receive as information.

8. 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
- TCC Members

Requested Action:
Receive as information.

ADJOURN

Upcoming Events

Date	Event
December 8, 2021 4:00 p.m.	Executive Board Virtual
January 6, 2022 10:00 a.m.	TCC Regular Meeting Virtual