



NC Capital Area **Metropolitan Planning Organization**

WELCOME!

*Today's Executive Board 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**

Executive Board Meeting

December 8, 2021

4:00 PM

1. Welcome and Introductions

Roll Call of Voting Members & Alternates

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

Granville County

Harnett County

Town of Holly Springs

Town of Knightdale

Town of Morrisville

N.C. Dept. of Transportation

Div 4

N.C. Dept. of Transportation

Div 5

N.C. Dept. of Transportation

Div 6

City of Raleigh

Town of Rolesville

Wake County

Town of Wake Forest

Town of Wendell

Town of Youngsville

Town of Zebulon

Ex Officio Non-Voting Members:

FHWA

NC Turnpike Authority

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.

4. Public Comments

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

5. Consent Agenda

5.1 Approve the Executive Board November 2021 Meeting Minutes

5.2 Approve the FY 18 Wake Transit Work Plan Period of Performance Extensions and Authorize CAMPO Executive Director to sign associated agreements

Requested Action:

Approve all items on the Consent Agenda.

6. Regular Business

6.1 2050 Metropolitan Transportation Plan (MTP/CTP) Update

Metropolitan Transportation Plan (MTP)

Long-range guide for major transportation investments for the North Carolina Capital Area Metropolitan Planning Organization

Recommends major transportation projects, systems, policies and strategies designed to maintain our existing systems and serve the region's future mobility needs

The Capital Area MPO MTP is integrated with land use and air quality strategies and goals for the urban area.

Metropolitan Transportation Plan (MTP)

- Federally Mandated
- **Emphasis on preservation and efficiency improvement of existing system**
- Planning horizon of at least 20 years (25 preferred)
- **Updated every 4 years**
- Plans for all modes of transportation
- **Fiscally constrained; not a wish list**
- **Projects must be consistent with MTP if**
 - **Funded with federal funds**
 - **Regionally significant**
- **Extensive public involvement**
- Joint plan with DCHC MPO
 - Jointly developed
 - Independent adoptions

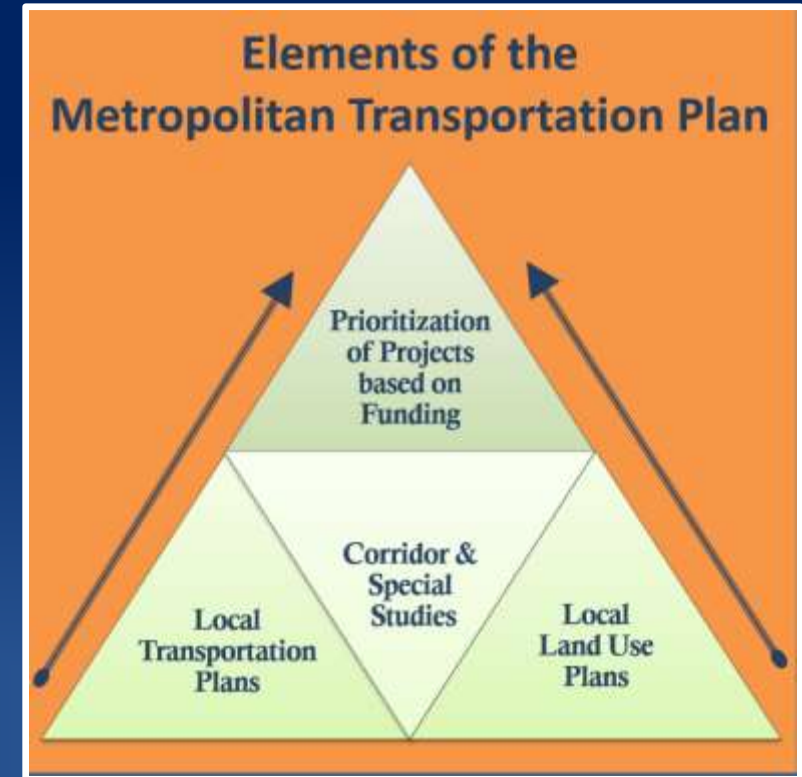


Planning Activities that feed into the MTP

- Large Area Studies
- Corridor Studies
- Hot Spot Studies
- Other Special Studies (modal studies)
- Local Land Use and Transportation Plans
- Transit Plans (WTP)

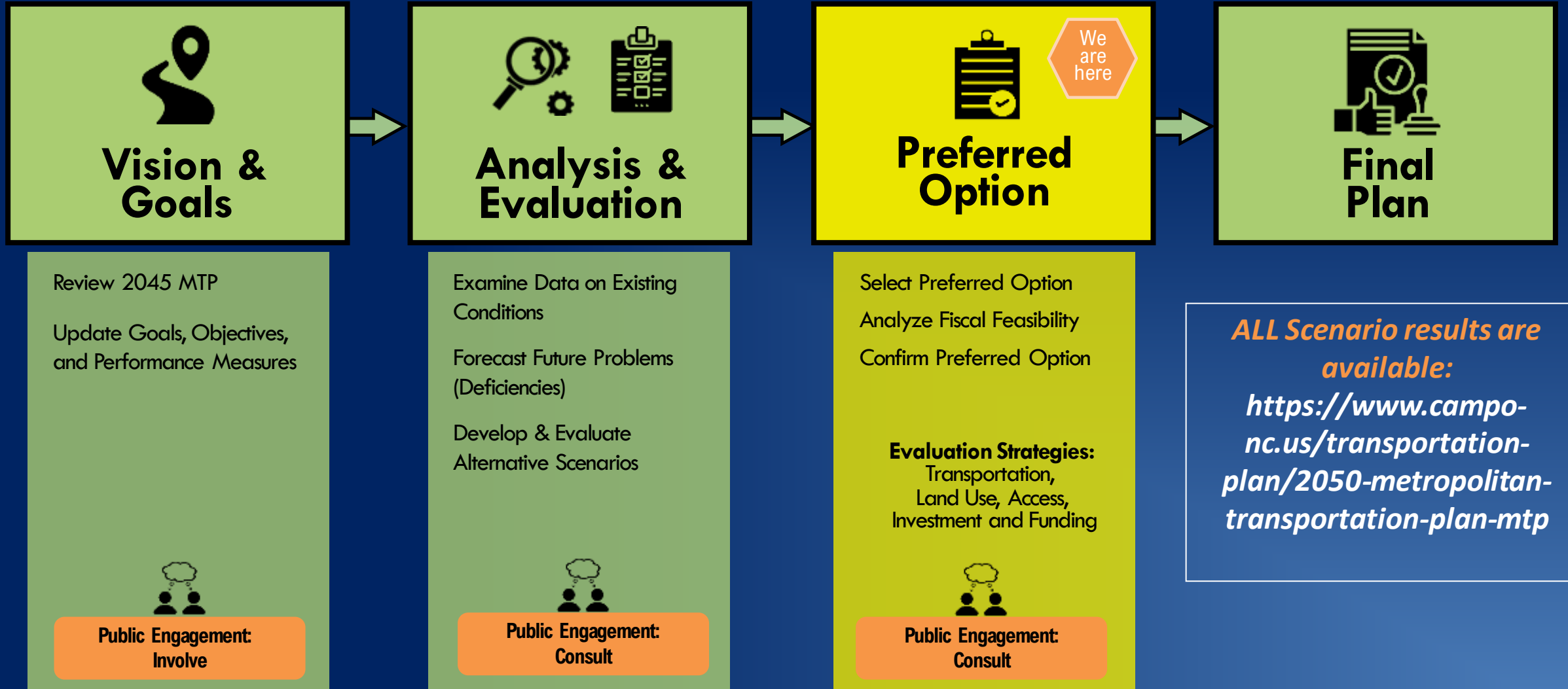


MTP: Every four years





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*
 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 --

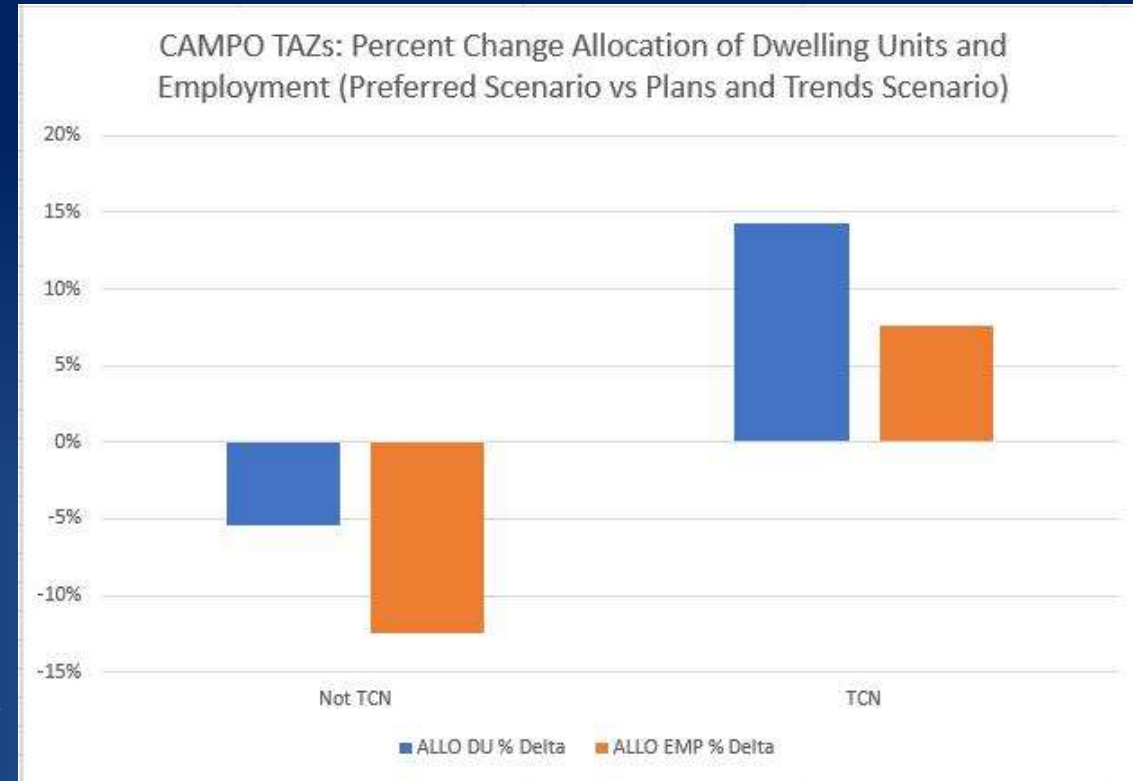
Opportunity Places Development Foundation

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

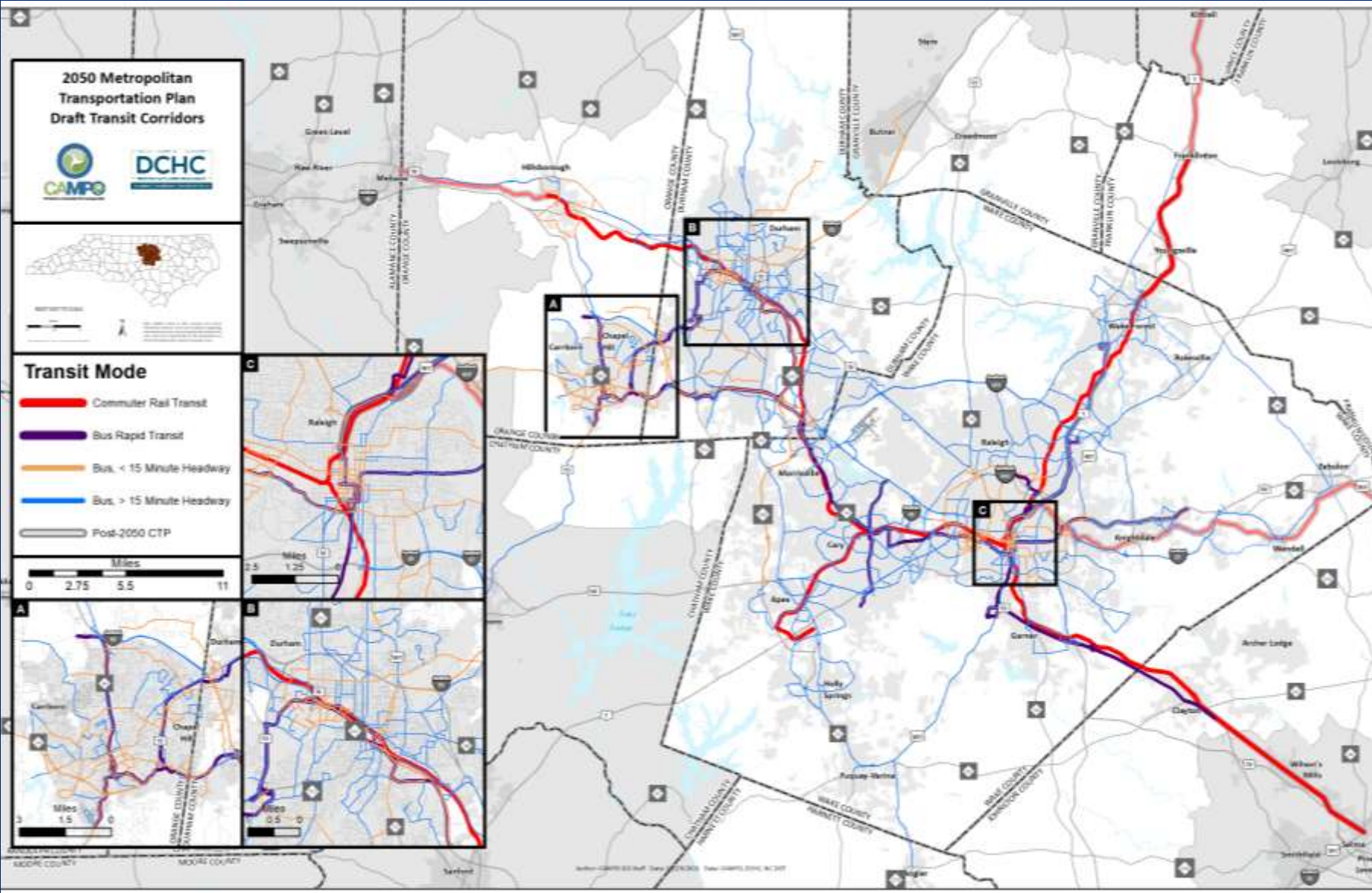


Major Transit Investments

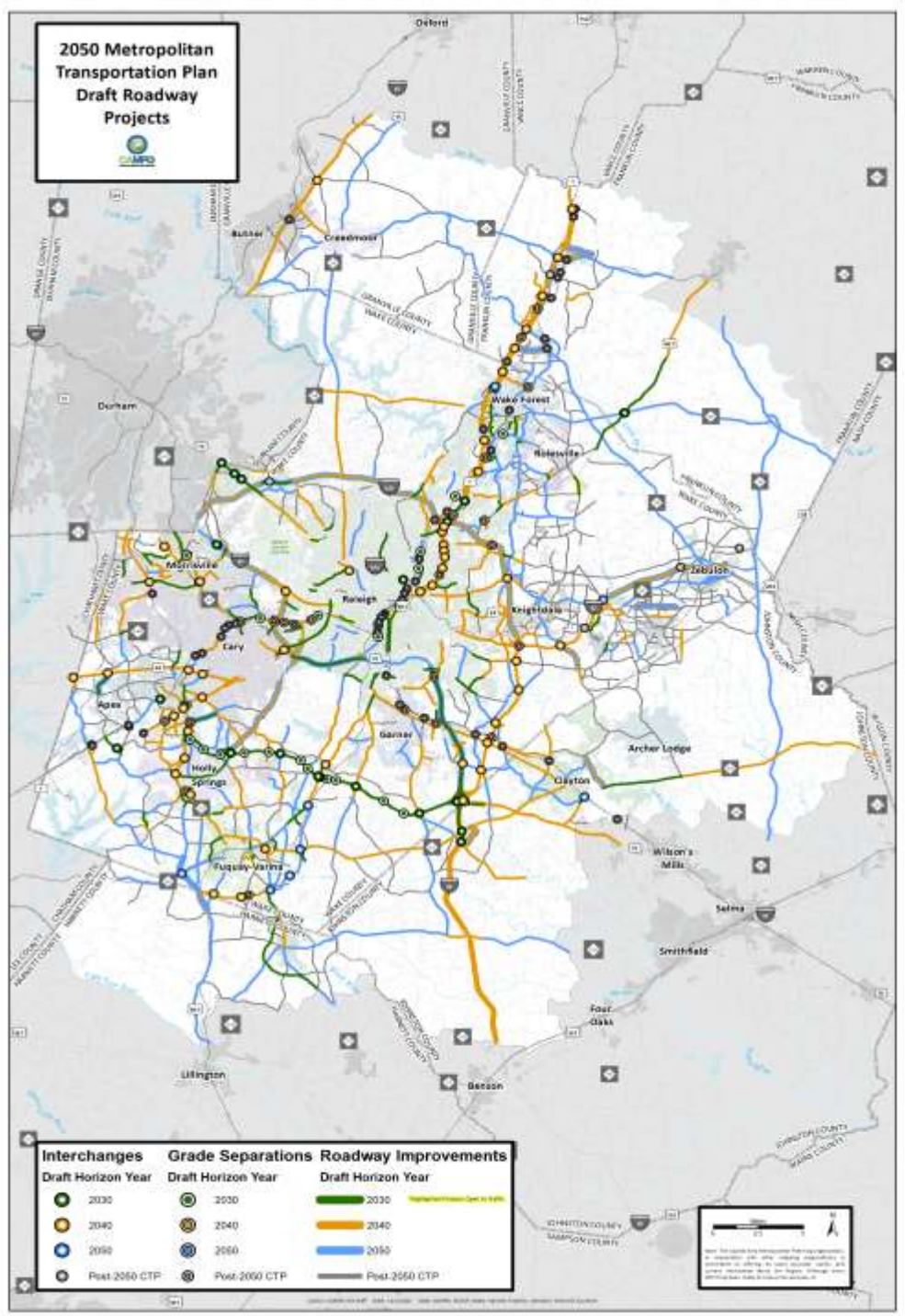
- CRT from Selma to Hillsborough
- CRT from Apex to Franklinton
- BRT Infrastructure and Service in Capital, New Bern, Wilmington, and Western/Chatham/NC54 corridors
- BRT Infrastructure and Service in Harrison/Kildare Farm Rd. corridor
- BRT Infrastructure and Service to Midtown
- Increased investment 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

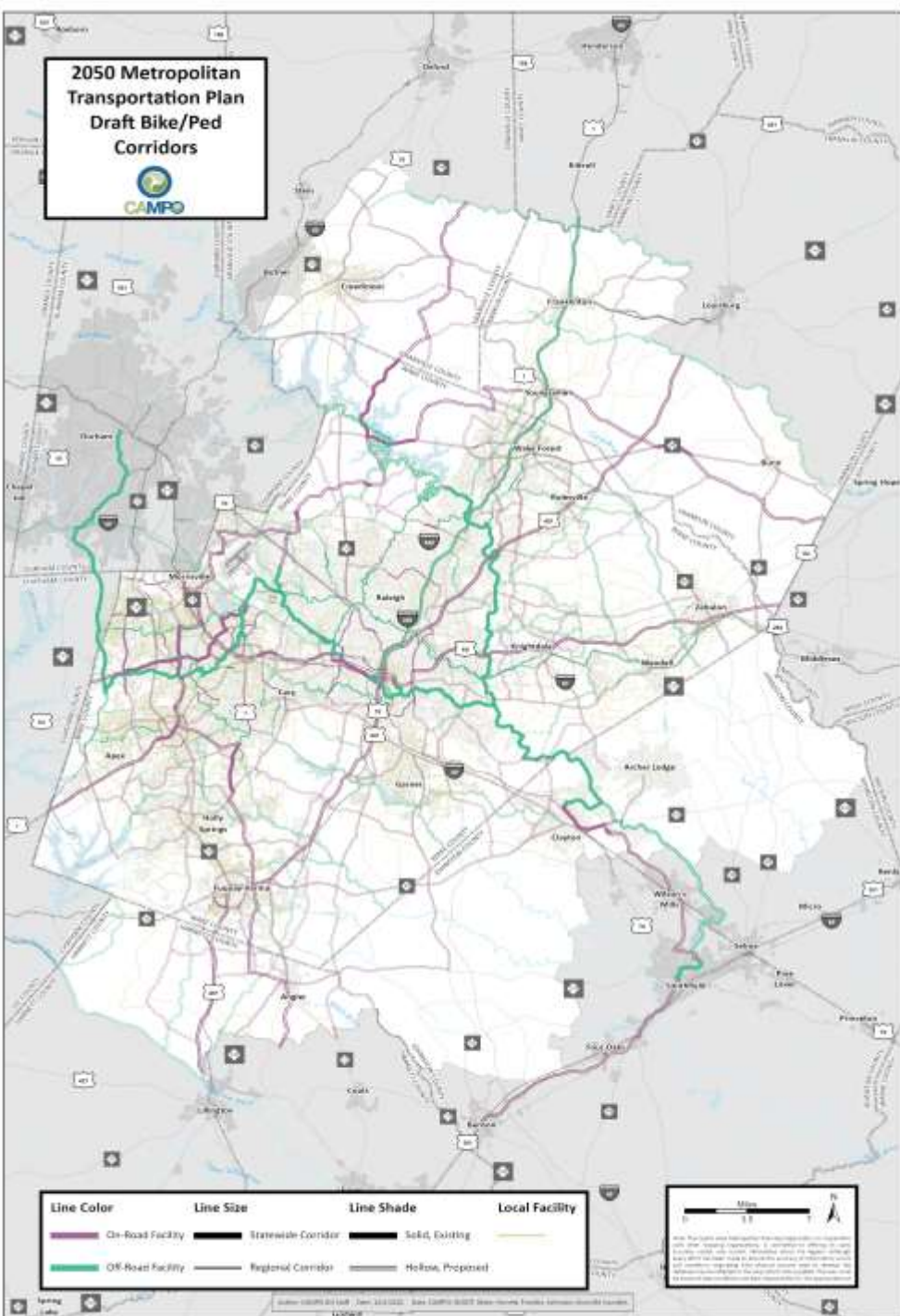
Major Roadway Investments

- 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

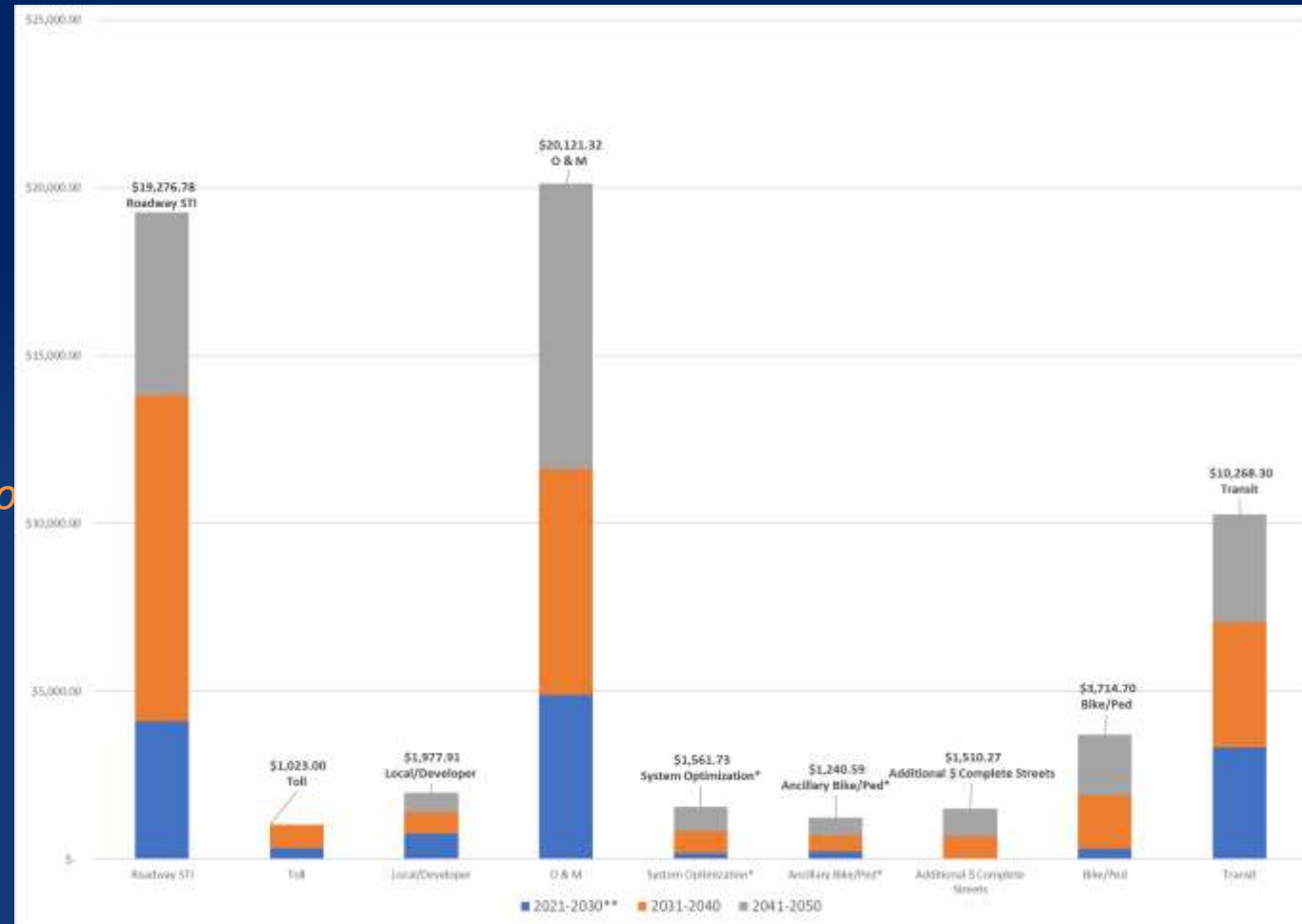
- On & Off-Road Corridors
- Functional Classification:
 - Statewide (Inter-Regional)
 - Regional (Intra-Regional/Collector)
 - Local
- *Sidewalks are included Programmatically in MTP*



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**



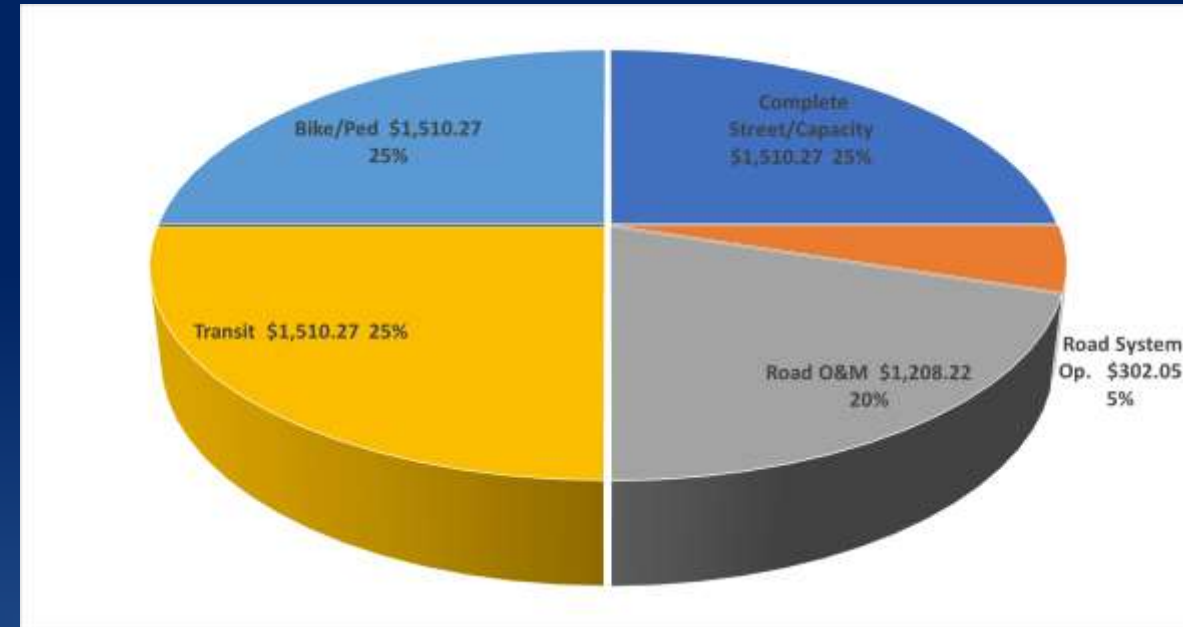
New Revenue Assumptions

- 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:

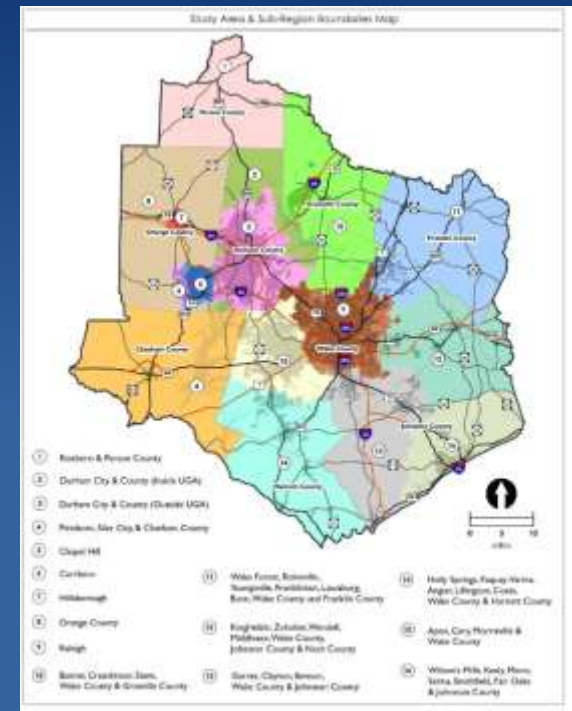
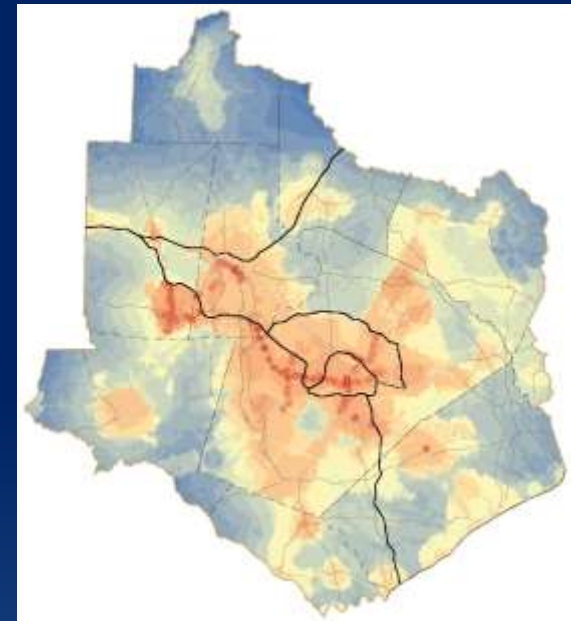
- Maps: 2050 MTP Scenario Maps
- Overview & Details: 2050 MTP

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*



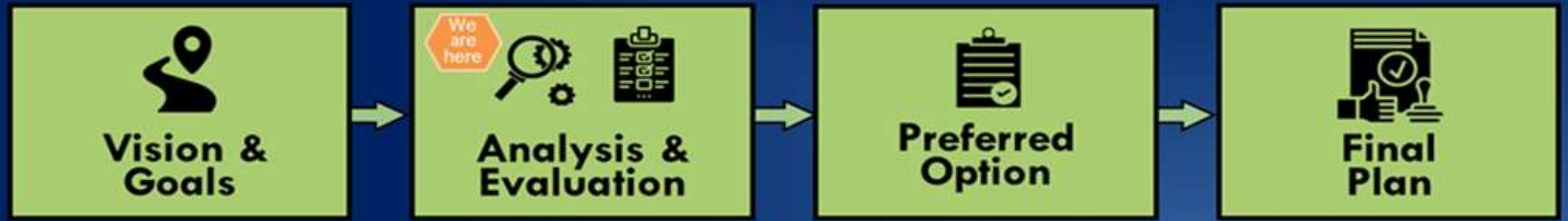
Draft 2050 MTP Public Comment Period is Oct. 28 to Dec. 8

Summary of 60 Public Comments (Emails from August – December 8, 2021)

- Requests to remove Future U.S. 401 (bypass) – *Majority of emails received*
- Climate change – Desire for more focus on bike/ped and transit
- Support for rail in specific areas - east Wake; Connecting Raleigh, Durham, Chapel Hill w/ RDU
- Support for increased bus service in specific locations
- Feedback on specific projects

Dist/County	Dist/County	Route/Location	Comments	Date	Event	Staff Response
Wake	Wake	Wake/Spring	Request that U.S. 401 bypass be removed and moved from the 2050 MTP. U.S. 401 Corridor Study done and officially documented with specific projects are needed in the MTP and work is underway. Projects: Wake/US 401 to 4 lanes + widening Old Chapel Rd to 4 lanes + widening Wake County Parkway + widening N.C. 55 and N.C. 42 grade separation over U.S. 401 + widening Lake Wheeler Rd to 4 lanes + widening Road Education + widening Upper Express and 10th segments. Do already studied and already professionally designed NCDOT 2050 MTP Project #6, 170, which is the 11 segment bypass. If they 11 widening project from Wake/Lake to Wake County to Old Green Church Rd in Wake County as well as the subsequent portion of NCDOT 2050 Project #7 of 11 Wake County from Hwy 42 to 11th Street in Wake/Lake. Also notes that they should be supported to support local business and residential as opposed to using what is approved plans which involve wide generalized forms and standards.	11/17/2021	Email	Added to public comments for 2050 MTP and U.S. 401 Corridor Study.
Wake	Wake	Wake/Spring	Request that U.S. 401 corridor not be included in the 2050 MTP as the study is ongoing and more not currently underway.	11/17/2021	Email	Added to public comments. Will also reply to this. Corridor is still in the study, include as well as consider that the 2050 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 replace the MTP with a more meaningful one.
Wake	Wake	Wake/Park	Open a hole in Parkville Rd and is concerned the Future U.S. 401 bypass will lower the property value whether the hole could be along the lower property line instead of through the lot.	11/17/2021	Email	Study project team will review property questions raised and respond to this. See above. Added to 2050 MTP and U.S. 401 Corridor Study public comments record.
Wake	Wake	Wake/Park	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 this. Still in start 2022 in the study, include as well as consider that the 2050 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 replace the MTP with a more meaningful one.
Wake	Wake	Wake/Park	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 this. Corridor is still in the study, include as well as consider that the 2050 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 replace the MTP with a more meaningful one.
Wake	Wake	Wake/Park	Request: (1) Remove proposed 401 bypass from 2050 MTP as study is still ongoing. (2) U.S. 401 Corridor Study document with other projects in the area get either considered or funded so that the area would be more attractive. Projects list: Wake/US 401 to 4 lanes + widening Old Chapel Rd to 4 lanes + widening Wake County Parkway + widening N.C. 55 and N.C. 42 grade separation over U.S. 401 + widening Upper Express + widening 10th segment. Items that have been studied for future support the District and should start with transportation plan for the area.	11/17/2021	Email	Added to public comments.
Wake	Wake	Wake/Park	Requesting removal of the Future U.S. 401 Bypass from the 2050 MTP.	11/18/2021	Email	Added to public comments for MTP.
Wake	Wake	Wake/Park	Request for East Wake Corridor Study.	11/22/2021	Email	Added to public comments for MTP.
Wake	Wake	Wake/Park	Requesting removal of the Future U.S. 401 Bypass from the 2050 MTP with also requesting that the following projects be moved to higher priority Future Wake Parkway from Hwy 42 to 11th Street, widening of Old Chapel Road from U.S. 401 to Hwy 55, widening of Hwy 55 from Five Points to South Lake, and consider creative strategies such as double decker with bridges and walkways.	10/29/2021	Email	Added to public comments for MTP.

2050 MTP Development – Public Engagement Overall



Vision & Goals

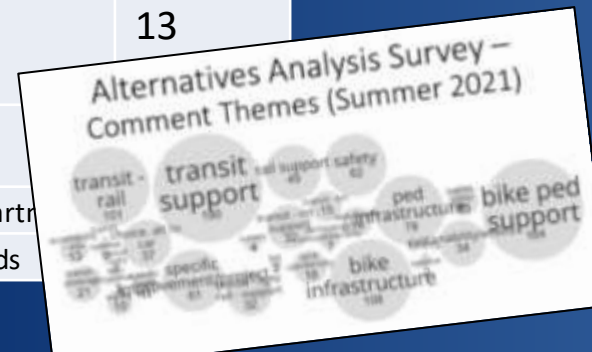
Activity	Performance #
Survey Participants	2,169
Survey comments	400+
Email Comments Received	2
Detailed Website	
Communications Toolkit for Partners	
Paid Digital and Print Media Ads	

Alternatives Analysis

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	

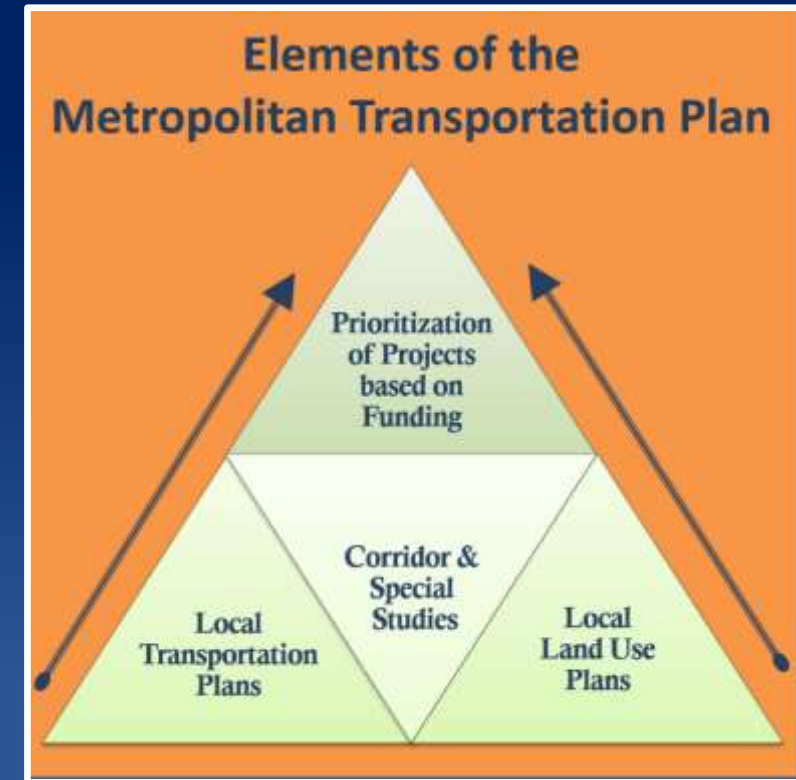
Draft 2050 MTP

Activity	Performance #
Email Comments	62
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



6.1 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:

Approve the 2050 MTP/CTP projects and programs.

Roll Call Vote for Action Items:

Consent Agenda (November Meeting Minutes, FY 2018 Wake Transit Period of Performance Extensions) and 2050 MTP Projects and Programs

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

Granville County

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Town of Wendell

Town of Youngsville

Town of Zebulon

7. Informational Items: Budget

7.1 Operating Budget – FY 2022

7.2 Member Shares - FY 2022

Requested Action:
Receive as information.

8.1 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

8.2 Informational Item: Public Engagement Updates

Requested Action:
Receive as information.

9. 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.

ADJOURN

Upcoming Events

Date	Event
January 6, 2022 10:00 a.m.	TCC Regular Meeting Virtual
January 19, 2022 4:00 p.m.	Executive Board Virtual