



TRIANGLE WEST
Transportation Planning Organization

CAMPO
NC Capital Area Metropolitan Planning Organization

DESTINATION 2055

A METROPOLITAN TRANSPORTATION PLAN

May 2025

WELCOME

- This session will be recorded and made publicly available.
- Comments received verbally and via the chat will be included in the public engagement summary.
- The chat will be monitored by staff of each MPO.
- Please enter your questions into the Q&A tab.



TRIANGLE WEST
Transportation Planning Organization



WHO WE ARE

A **Metropolitan Planning Organization**, or **MPO**, is a federally mandated and federally funded transportation policy-making organization.

It is composed of representatives from local government and governmental transportation authorities, such that staff review technical information and officials vote on proposed policy.



Durham County, and parts
of **Orange County** and
Chatham County



Wake County and parts of
Harnett County, Johnston County,
Franklin County, Granville County,
and **Chatham County***

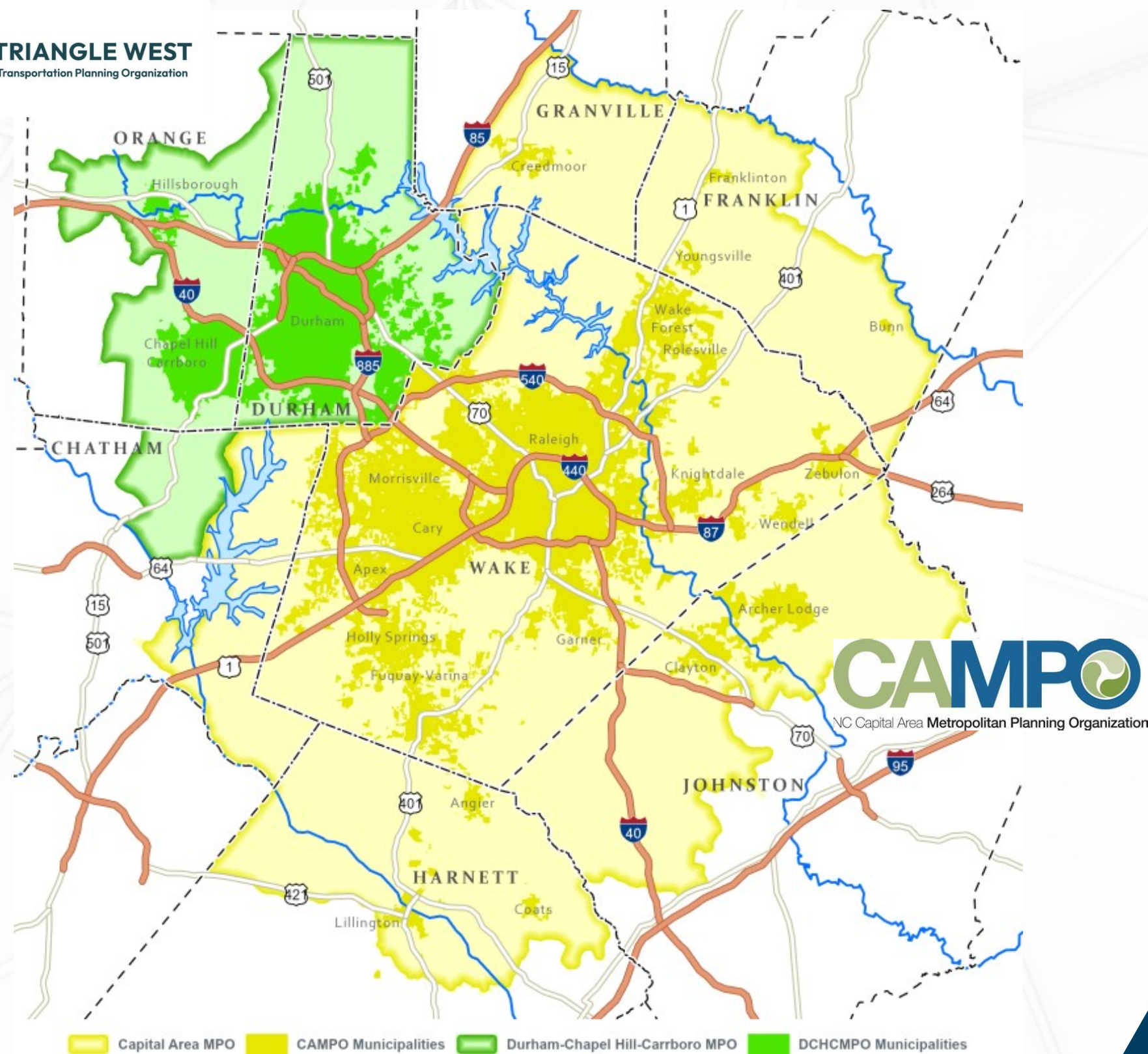
*Recently added based on 2020 Census



TRIANGLE REGION



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WHAT IS THE TRIANGLE REGION LONG-TERM PLAN

How many years does the plan cover?

Destination 2055 will cover all **fiscally feasible** transportation projects through 2055 that are expected to use federal funds.

What projects are considered transportation projects?

All modes of transportation including transit (i.e. bus), bicycle and pedestrian, aviation, rail (passenger or freight), and highway (road infrastructure).



DESTINATION

2055

***Metropolitan Transportation Plan
for the Triangle Region***

DESTINATION 2055 ENGAGEMENT EFFORTS

1

VISIONING

Goals and objectives are determined here. This step informs what performance measures will be tracked, and guide land use scenarios and project selection.

Survey closed **January 15.**

2

ALTERNATIVES ANALYSIS

Existing transportation conditions are reviewed, future issues are assessed, and alternative scenarios are considered.

Public review expected
HAPPENING NOW.

WE ARE
HERE

3

PREFERRED OPTION

Analyze fiscal feasibility and select preferred option for likely land use and selection of projects.

Public review expected
July 2025.

4

ADOPTION

Fiscal constraint is finalized, modeling data is provided, and the plan undergoes air quality review to determine projects over time will not harm the air quality.

Public review expected
September 2025.

Visit Destination2055NC.com for more information

1. VISIONING - GOALS

These goals were approved by both MPO Boards in 2024, following the first public engagement phase for *Destination 2055*.

2055 MTP GOALS & OBJECTIVES



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Protect the Human and Natural
Environment and Minimize
Climate Change

Connect People
and Places



Ensure that All People have Access
to Multimodal and Affordable
Transportation Choices



Manage Congestion
and System Reliability



Improve Infrastructure
Condition and Resilience

Ensure Equity and
Participation



Promote Safety, Health
and Well-being

Stimulate Inclusive
Economic Vitality

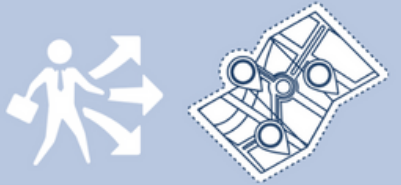


2055 MTP GOALS



PROTECT THE HUMAN &
NATURAL ENVIRONMENT AND
MINIMIZE CLIMATE CHANGE

CONNECT
PEOPLE & PLACES



PROMOTE & EXPAND MULTIMODAL
& AFFORDABLE TRANSPORTATION
CHOICES

MANAGE CONGESTION
& SYSTEM RELIABILITY



IMPROVE
INFRASTRUCTURE
CONDITION & RESILIENCE

ENSURE EQUITY AND
PARTICIPATION



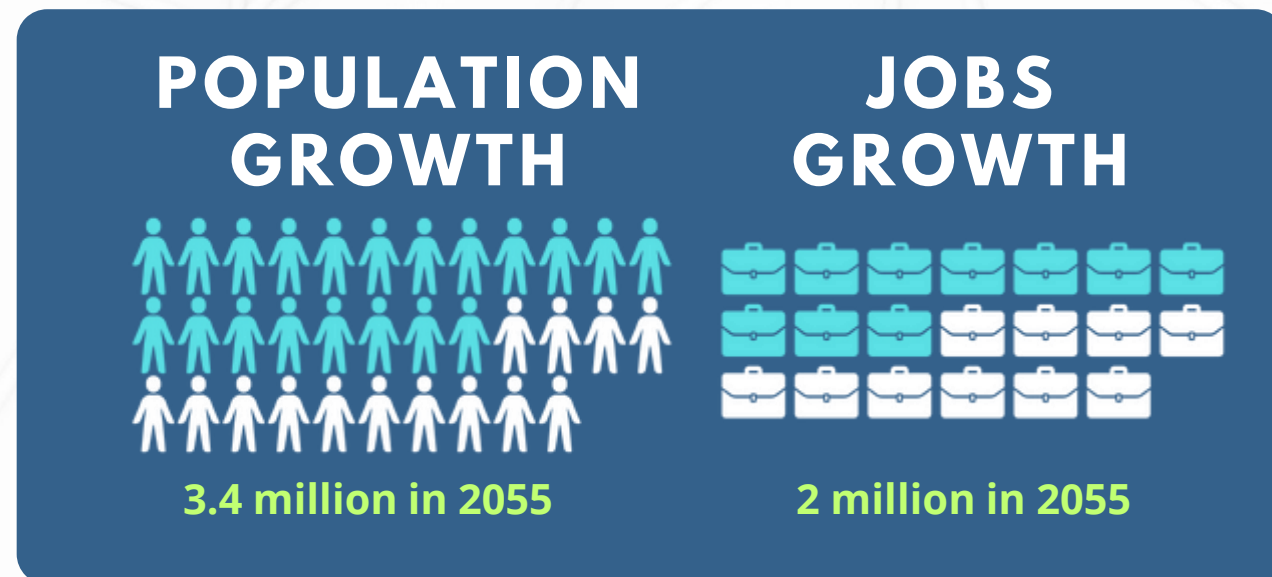
PROMOTE SAFETY,
HEALTH AND WELL-BEING

STIMULATE ECONOMIC
VITALITY AND OPPORTUNITY

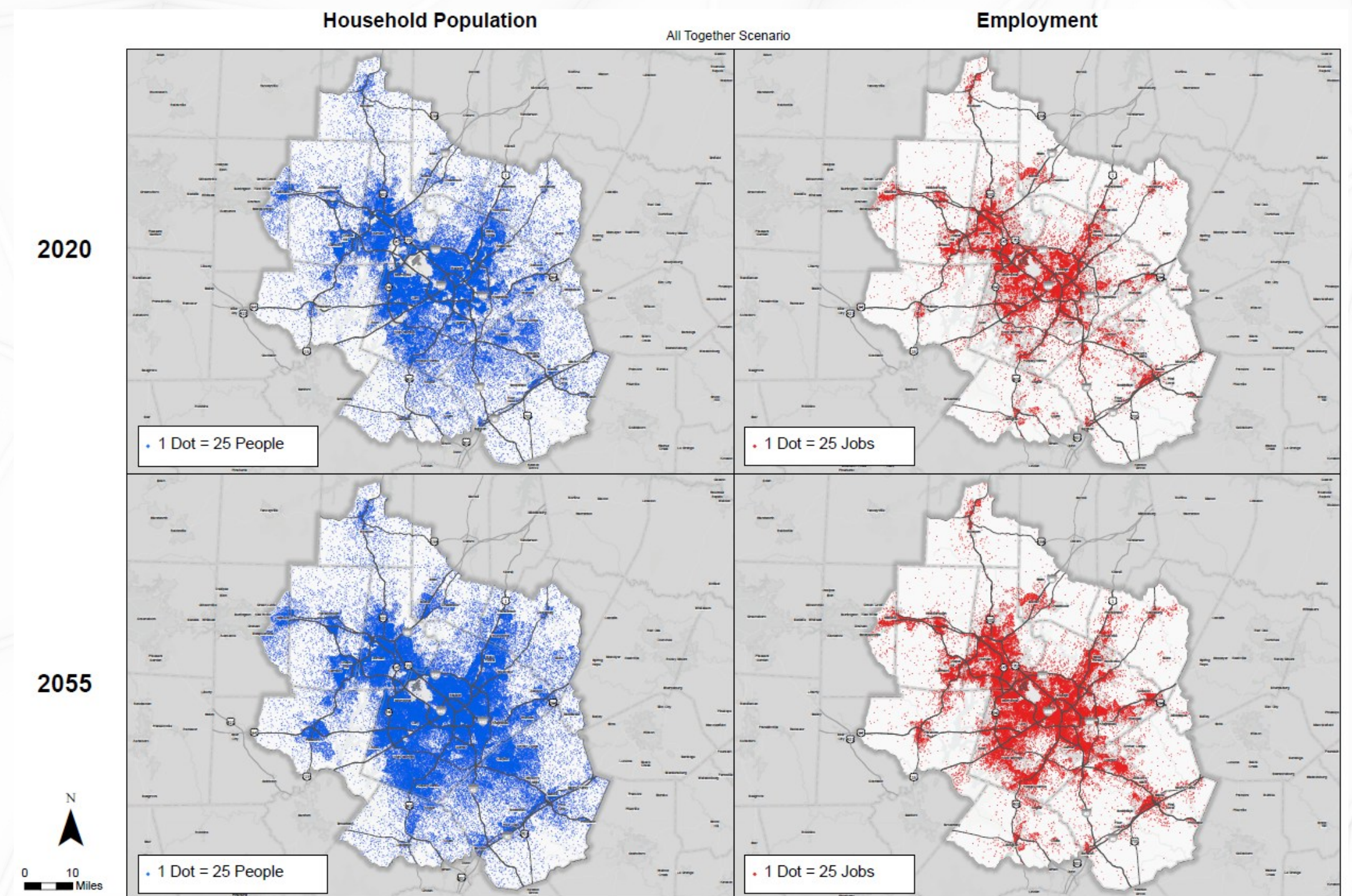


2. ALTERNATIVES ANALYSIS - OVERVIEW

The Triangle Region will continue to grow...



Scenario planning and alternatives analysis are used to explore alternatives for growth, development, and transportation investments in the region, as well as measure against regional goals and community values.



2. ALTERNATIVES ANALYSIS/SCENARIO PLANNING

For Destination 2055, **three (3) alternatives** are being analyzed to explore potential different futures.

Each alternative looks at how the future transportation network would perform if certain investments are made.

Each alternative is comprised of two assumptions for the future:

1. Development Foundation
(future growth Patterns)
2. Mobility Investment Foundation
(transportation projects)



























THE ALTERNATIVES

Each alternative includes the following **transportation projects**:

- Highway
- Bus
- Bus Rapid Transit (BRT)
- Rail
- Bicycle and Pedestrian

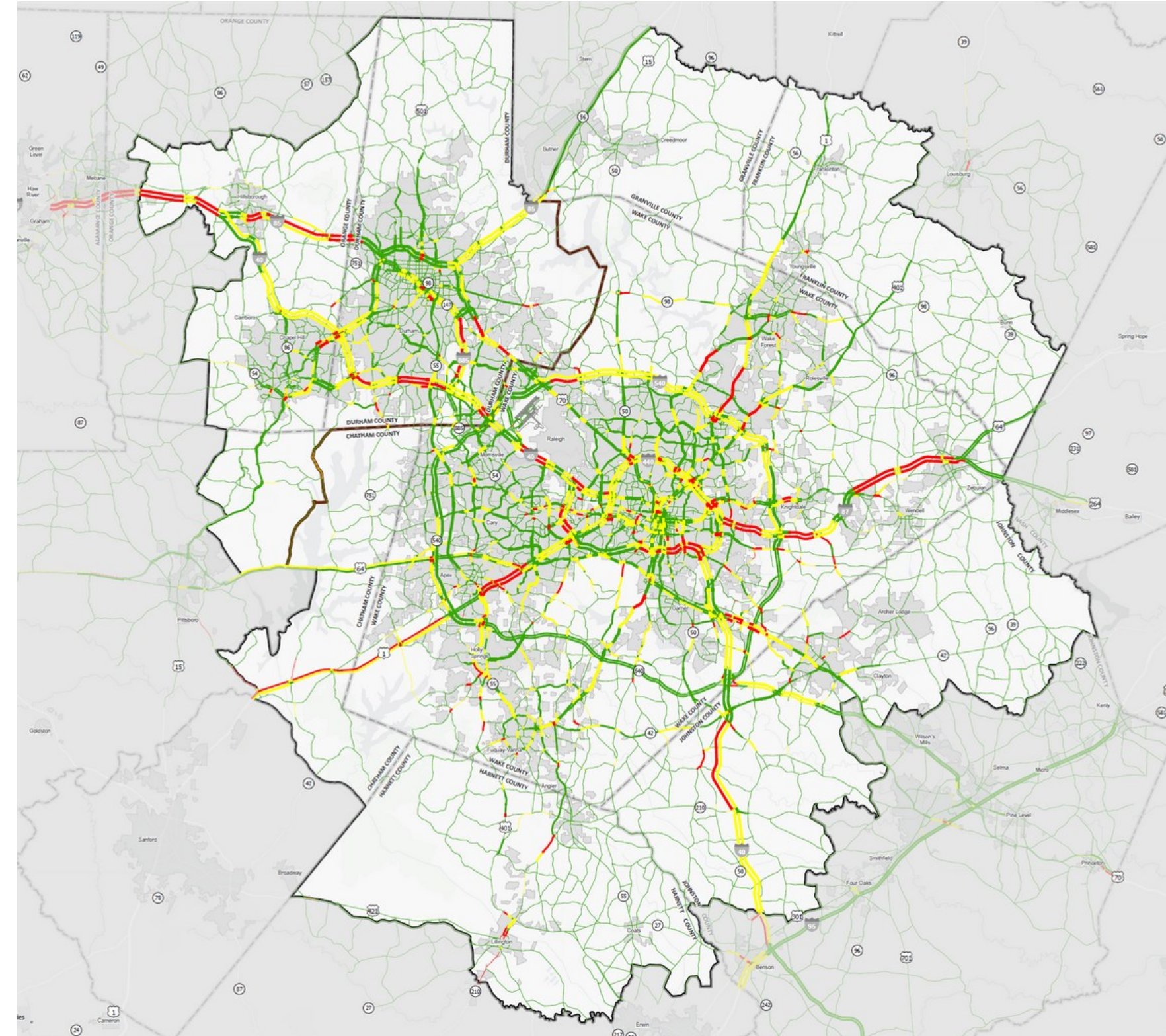
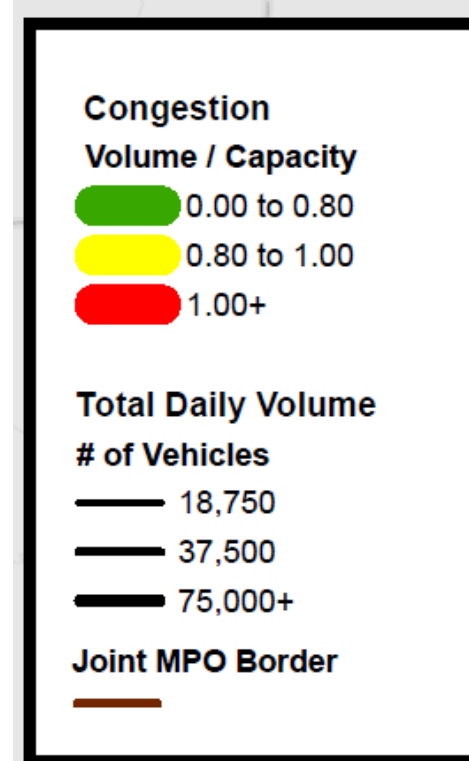
AND accounts for future growth patterns like **development density**.

	DEFICIENCY & NEEDS	PLANS & TRENDS	SHARED LEADERSHIP	ALL TOGETHER
AVAILABLE FUNDING	\$	\$\$	\$\$\$	\$\$\$\$
HIGHWAY INVESTMENT				
BUS INVESTMENT				
BRT INVESTMENT				
RAIL INVESTMENT				
BIKE AND PED INVESTMENT				
DEVELOPMENT DENSITY				

The Baseline: DEFICIENCY AND NEEDS

The Assumption:

- Based on future land use category designations shown on locally-adopted land use plans
- Only includes existing infrastructure, plus those projects that are underway or committed for funding within the next 4-5 years (current TIP period)
- Ultimately depicts how the transportation system would perform if there were minimal investments made.



Alternative One:

PLANS AND TRENDS

The Assumption:

- No changes to current patterns of transportation funding
- No changes in investment decisions
- No changes in land use planning policies

Key Projects – TWTPO:

Major Roadway Investments

- Capacity Improvements: 6-In US-70 East Freeway/Expressway, I-85 South 6-In Interstate, I-86 North 6-In Interstate, US 15-501 Expressway in Durham & modernization in Chapel Hill, I-885 HOV Lane from EEC to I-40, I-40 Management Lane from I-540 to 15-501, NC 54 modernization West of Carrboro, US 15-501 Bypass: 6-In or Adding HOV In, 4-In S Churton St, 4-In Fayetteville St
- New Road Projects: Northern Durham Parkway and SW Durham Drive

Major Transit Investments

- Current InterCity Passenger Rail (Only Durham Station)
- BRT Line: Chapel Hill NS BRT Line
- Bus Lines: short-range plans, county transit plans, and service frequency and hour changes

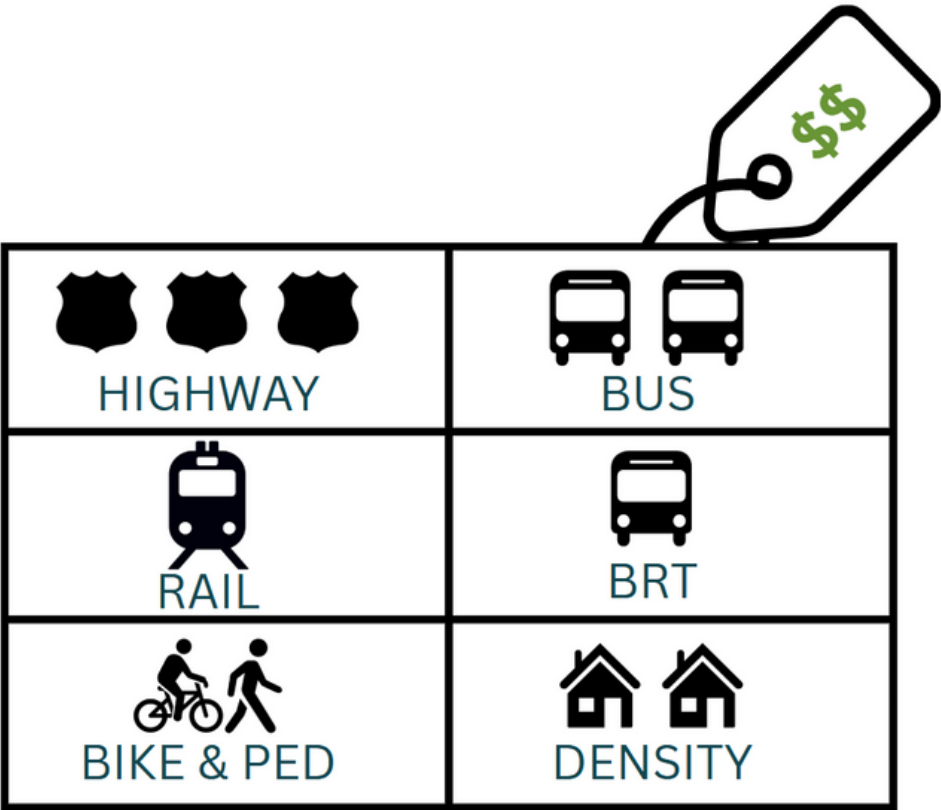
Key Projects – CAMPO:

Major Roadway Investments

- Complete 540
- Widening/Improving I-40, I-440, US 401, US 1, US 64, US 70, NC 42, NC 50, NC 54, NC 55, NC 98
- Smaller level of secondary roadway investments in 2nd two decade

Major Transit Investments

- Partnership for additional intercity rail stops (a few) and services (maybe 1 or 2 additional)
- 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
- Continuation of Wake Transit Plan frequent bus network
- Community Funding Areas



Alternative Two:

SHARED LEADERSHIP

The Assumption:

- Increases the intensity and mix of land uses at major employment hubs and travel corridors
- Adds roads and transit along key corridors
- Assumes additional transportation funding for transit facilities, transit services, and a few roadway improvements.

*Requires changes by state partners in addition to actions that can be taken by the MPOs and their local member jurisdictions across the Triangle.

Key Projects – TWTPO:

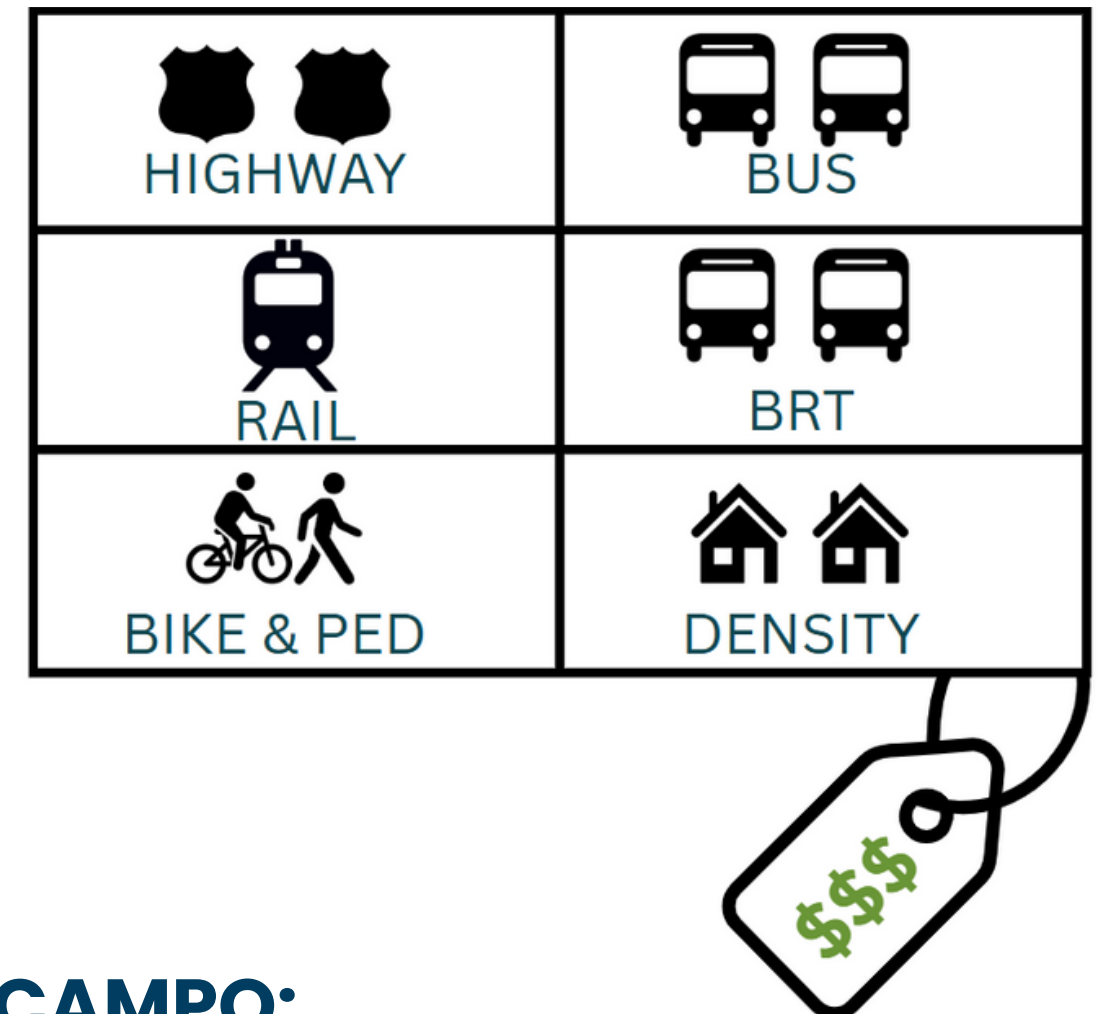
Major Roadway Investments

- 2024 Congestion Management Process Projects
- I-885 HOV Lane from EEC to I-40
- US-70 East: Parallel collector roadway

Major Transit Investments

- InterCity Passenger Rail (Durham & Hillsborough Stations)
- BRT Lines: Chapel Hill North-South BRT Line, Durham-Orange BRT Line, Durham Station-RTP BRT Line
- Bus Lines: Plans and Trends with adjustments

The Investments:



Key Projects – CAMPO:

Major Roadway Investments

- Same as Plans & Trends (Alternative One)

Major Transit Investments

- Same as Plans & Trends, **Plus:**
- “Regional rail” in Wake Co., with additional stops and service
- Freeway based BRT in I-40 corridor

Alternative Three: **ALL TOGETHER**

The Assumption:

- Ambitious alternative
- Includes additional funding/more flexibility in funding
- Focus on improvements to transit, bicycle/pedestrian facilities, and complete/safe streets

*Requires changes by state partners in addition to actions that can be taken by the MPOs and their local member jurisdictions across the Triangle.

Key Projects – TWTPPO:

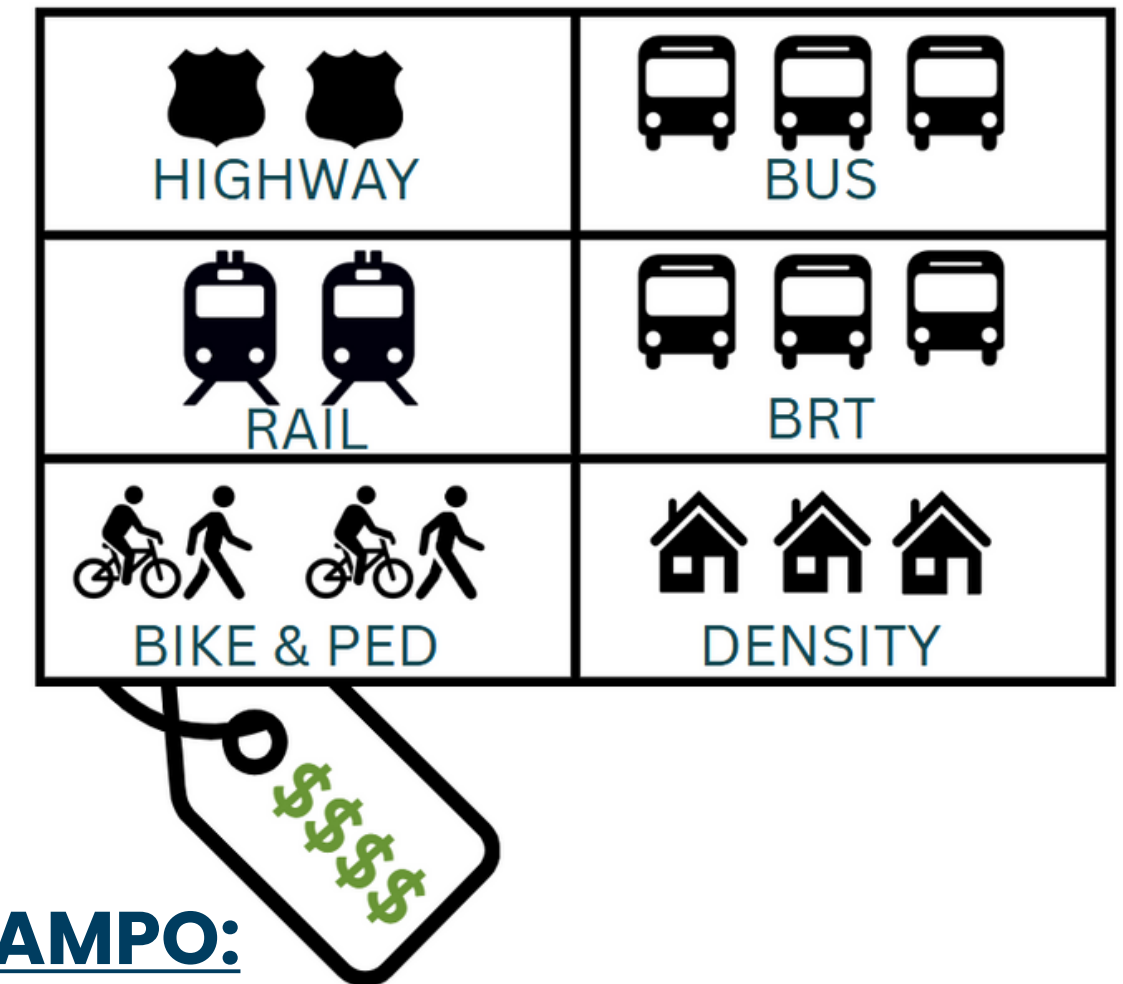
Major Roadway Investments

- Same as Alternatives Two, Shared Leadership

Major Transit Investments

- InterCity Rail (ICR)
- Regional Commuter Rail (RCR)
- BRT: All 4 2050 MTP BRT Lines with adjustments
- Bus Lines: Same as Alternative Two Shared Leadership with adjustments

The Investments:



Key Projects – CAMPO:

Major Roadway Investments

- Same as Alternatives One & Two, **Except:**
- **Higher** level of secondary roadway investments in 2nd two decades

Major Transit Investments

- Same as Shared Leadership (Alt. Two), **Plus:**
- Expansion of "regional rail" in TWTPPO and outside Wake Co.
- BRT Infrastructure and Service in western Wake Co. corridor
- BRT Infrastructure and Service in Harrison/Kildare Farm Rd. corridor

ALTERNATIVES: PERFORMANCE MEASURES

Helps identify what growth patterns and transportation projects get us closer to our goals.

Performance Measures	Deficiency and Needs	Plans and Trends	Shared Leadership	All Together
Average Auto Commute Time (minutes)	18.2	-3.2%	-3.4%	-7.4%
Vehicle Miles Traveled (per capita)	26.7	+1.5%	+1.5%	+1.4%
Total Delay (hours)	287,795	-18%	-26%	-32%
Total Lane Miles (CAMPO)	7,626	+9%	+14%	+24%
Total Lane Miles (Triangle West)	2,579	+6%	+3%	+3.2%
Transit Ridership	340,649	+55%	+61%	+64%
% of Jobs near Transit	46%	+14%	+17%	+21%

3. PREFERRED OPTION

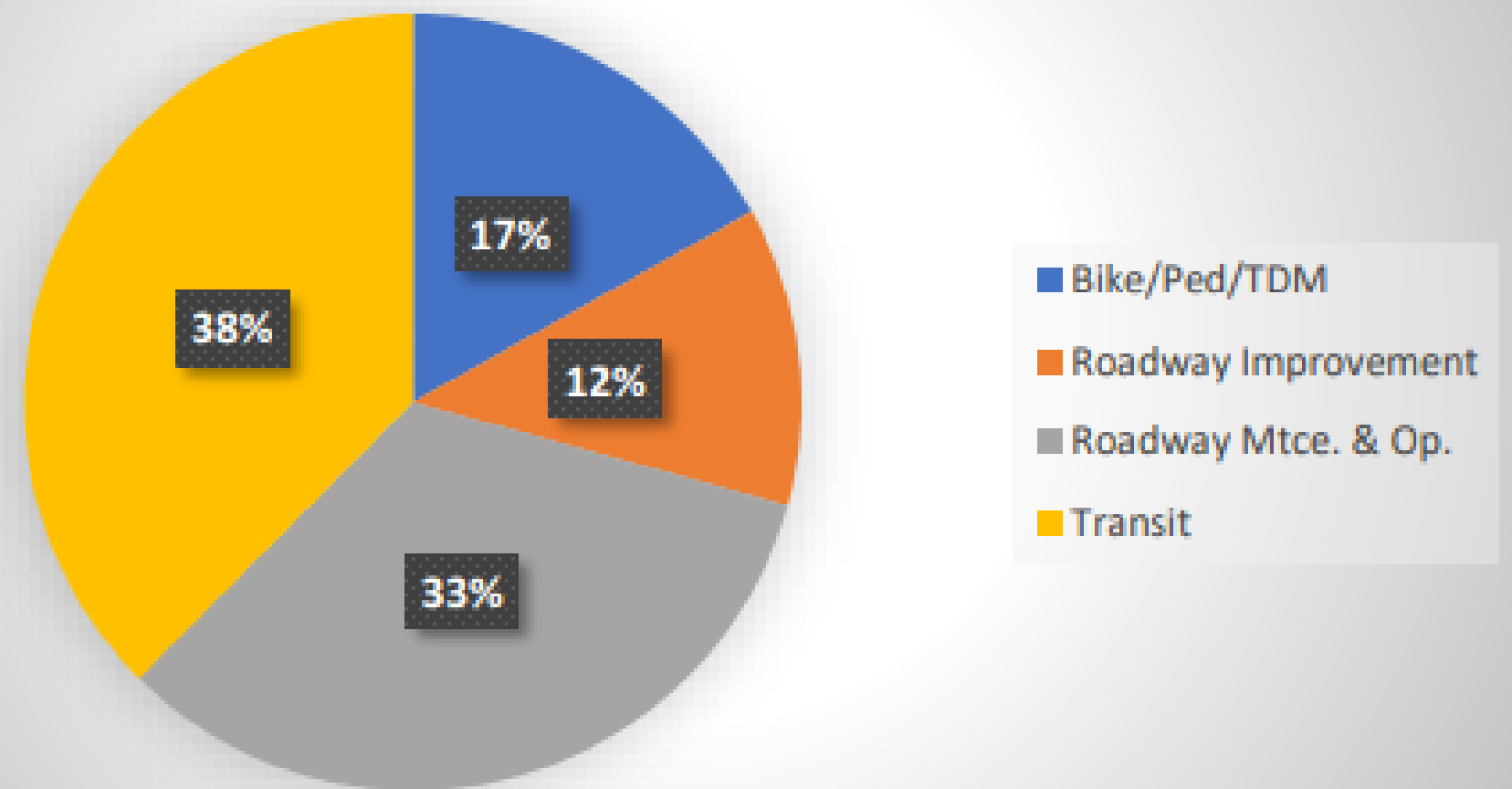
The 2055 update will select a “preferred option” based on the alternatives analysis that is completed.

Costs and possible land uses will determine which projects are selected for preference to be completed over the next 30 years.

For example, for the 2050 update the CAMPO Exec. Board assumed a future increase in the sales tax by 1/2 cent to expend additional funds on public transportation, bicycle, pedestrian, and other non-roadway investments.

2050 MTP Update

MTP Total Investments by Mode



4. PLAN ADOPTION

The 2055 update is planned to be adopted in late 2025. It will contain all projects that are expected to receive funding over the next 30 years (includes maps of projects extents).

Engagement throughout the MTP development stages allows residents to provide input every step of the way, and see how their comments made a difference in the final plan update.

The adoption of the plan is the final review and gives everyone an opportunity to see how all of the pieces have come together.



DESTINATION

2055

***Metropolitan Transportation Plan
for the Triangle Region***

GET INVOLVED

- Take the Alternatives Survey by May 26th!
- Subscribe for Updates



Destination2055NC.com



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QUESTIONS?



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