



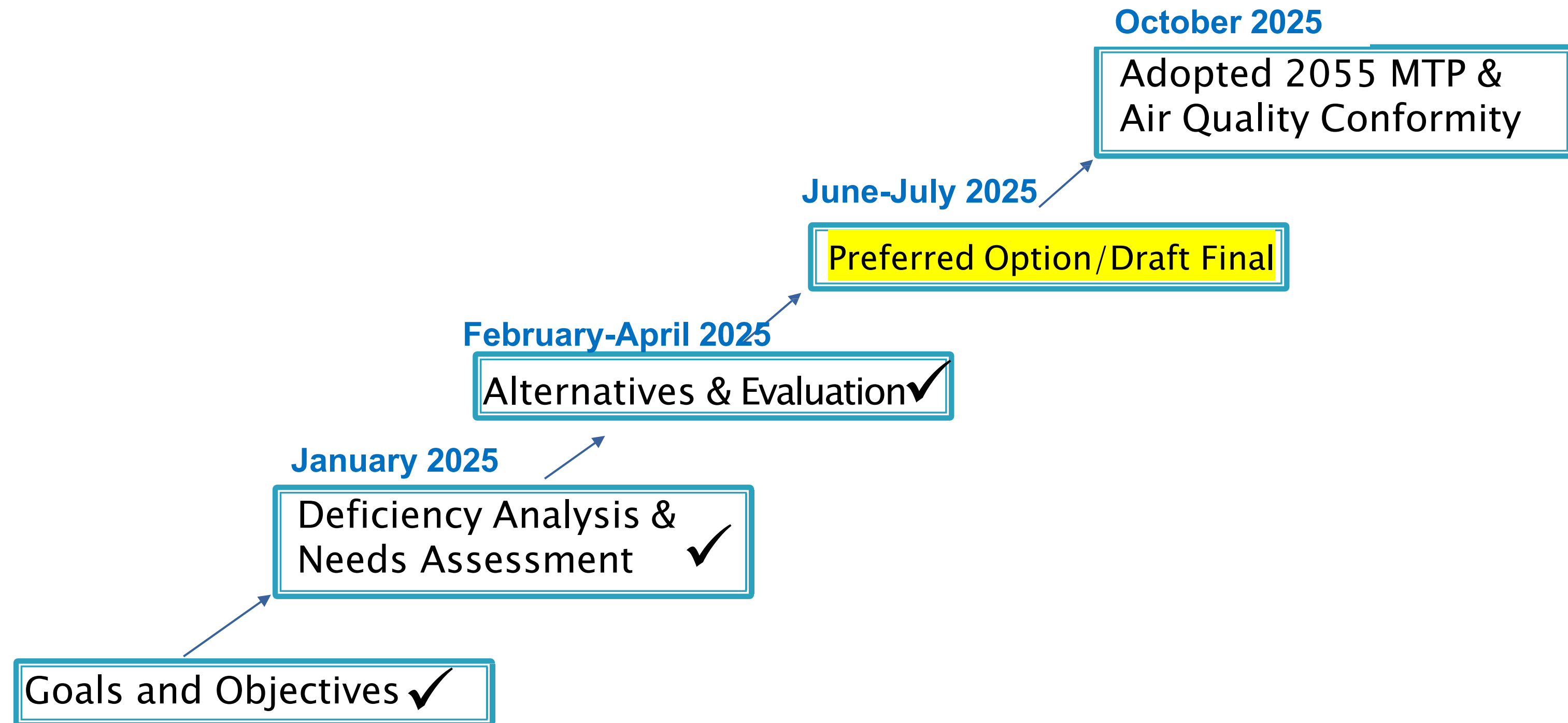
TRIANGLE WEST
Transportation Planning Organization

2055 Metropolitan Transportation Plan – Preliminary Preferred Scenario

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MILESTONES/SCHEDULE



Preferred Option

01

Today's presentation focuses on
Assumptions and Mobility Foundation
/Projects of Preferred Scenario

02

Mobility Foundation Investment on
Roadway, Transit and Technology &
Integration Projects.

03

How the draft project lists are developed

Preferred Scenario - Assumption
















































Assumption

*The majority of state and federal funding is allocated to roadway improvements during the first decade (2025–2035), primarily due to constraints under the Strategic Transportation Investments (STI) law.

*Transit and active transportation are expected to receive a relatively higher share of funding in the following two decades.

* Project list development are based on three alternative scenarios and its results

Alternative Scenario Review & Summary

	Deficiencies & Needs	Plans & Trends	Shared Leadership	All Together
Available Funding	\$	\$\$	\$\$\$	\$\$\$\$
Highway Investment		  	 	 
Bus Investment		 	 	  
BRT Investment			 	  
Rail Investment				 
Bike & Ped Investment	 	 	 	   
Development Density	 	 	 	  

Project List Development

01

Development of Roadway Project List:
Based on the All-Together scenario with
further refinements

02

Development of Transit Project List: Based
on the Shared Leadership scenario, with
further refinements and additional projects
added.

03

Development of Technology Project List:
Based on the All-Together scenario

Mobility Investment Foundation - Roadway

Roadway Project ([Map Link](#))

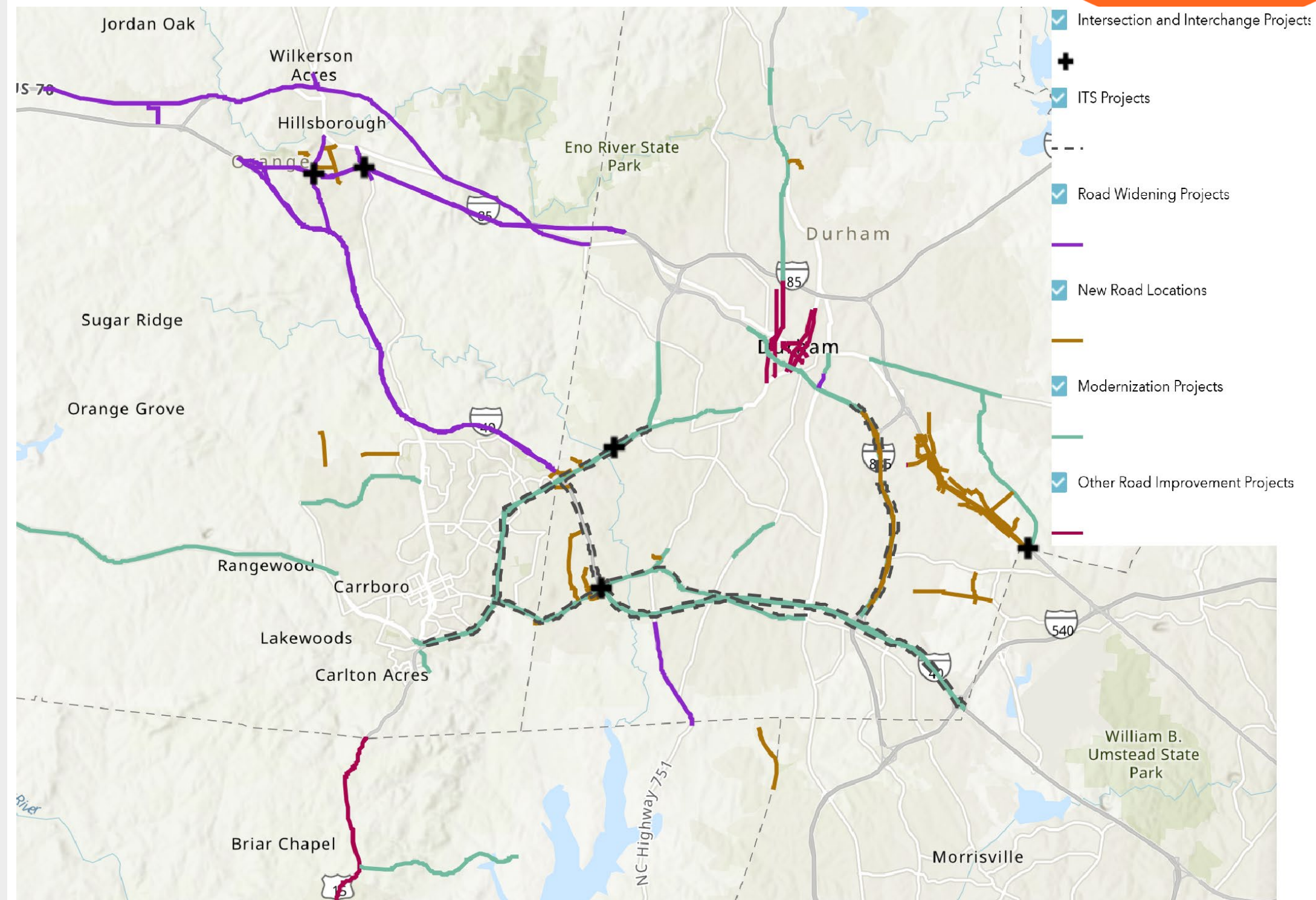
❖ 2050 MTP Highway Projects

Adjustments:

- Removal of Duke St & Gregson St – 2 Way Conversion
- Other

❖ New Projects/Adjustments:

- US-70 East: Boulevard conversion w/ parallel collectors
- I-885: HOV (or Toll Lane) Lane addition from Briggs Ave via EEC to I-40
- US-70 West: Widening & multimodal Improvement
- N Duke St & Gregson St: Speed Reduction & Other safety improvements
- Other



Managed Lanes

- ❖ Toll Lane
- ❖ High Occupancy Vehicle Lane (HOV 2+, or 3+)
- ❖ HOT Lane: HOV lanes with Toll charges for single-occupancy vehicles



Mobility Investment Foundation - Transit

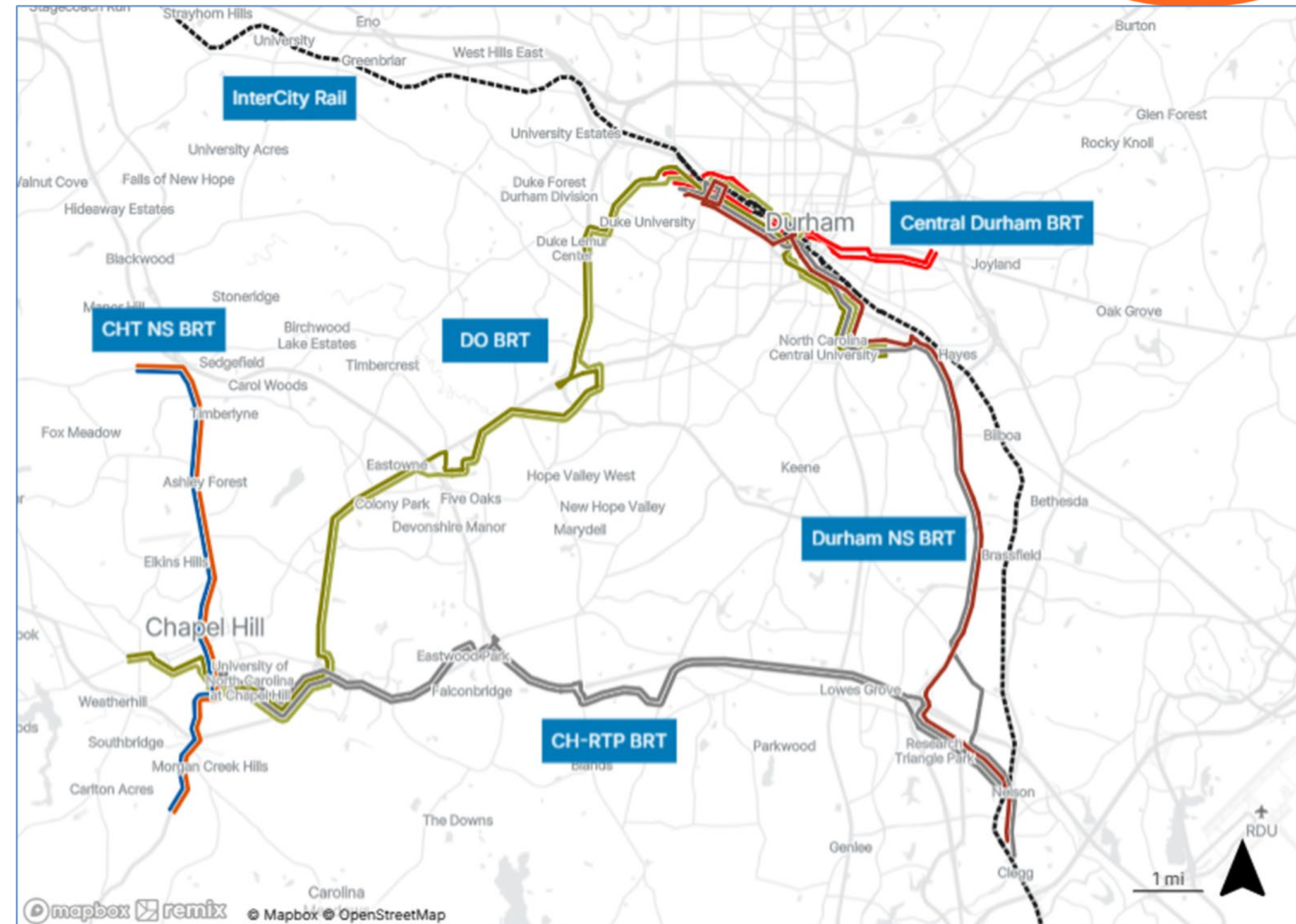
Fixed Guideway Transit

- Intercity Passenger Rail Service at Durham, RTP, Hillsborough, & Mebane stations
- Chapel Hill North-South (NS) BRT Line
- Central Durham BRT Line
- Durham-Orange (DO) BRT Line, extended to Carrboro
- Duke-Durham Station-RTP BRT Line
- Chapel Hill - South Point – RTP BRT Line

Bus Lines([Map Link](#))

- Short-Range Plans (Funded Projects)
- County Transit Plans (Funded Projects)
- Bus Line Alignment adjustment
- New Bus Lines
- Service Frequency & Hour Changes adjustments

Fixed Guideway Transit Map ([Link](#))



Technology & Integration Project

Intelligent Transportation System (ITS) Project

❖ Multi-Modal Integrated Corridor Management (ICM):

- NC147 & I-885 from Briggs Ave via EEC to I-40
- US 15-501 North from US15 Business Road/South Square via Patterson Place, Eastgate and NC 54 to S Columbia St
- NC 54/Raleigh Rd from US15-501

❖ I-40 East from I-540 to US 15-501:

- Managed Freeway which may include ramp meter, dynamic shoulder & so on (but no general-purpose lane addition)

*Project Locations are shown on the roadway project map

Action

*Received the presentation with lists of projects
and provide comments/suggestions by **July 8th**

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THANK YOU!