

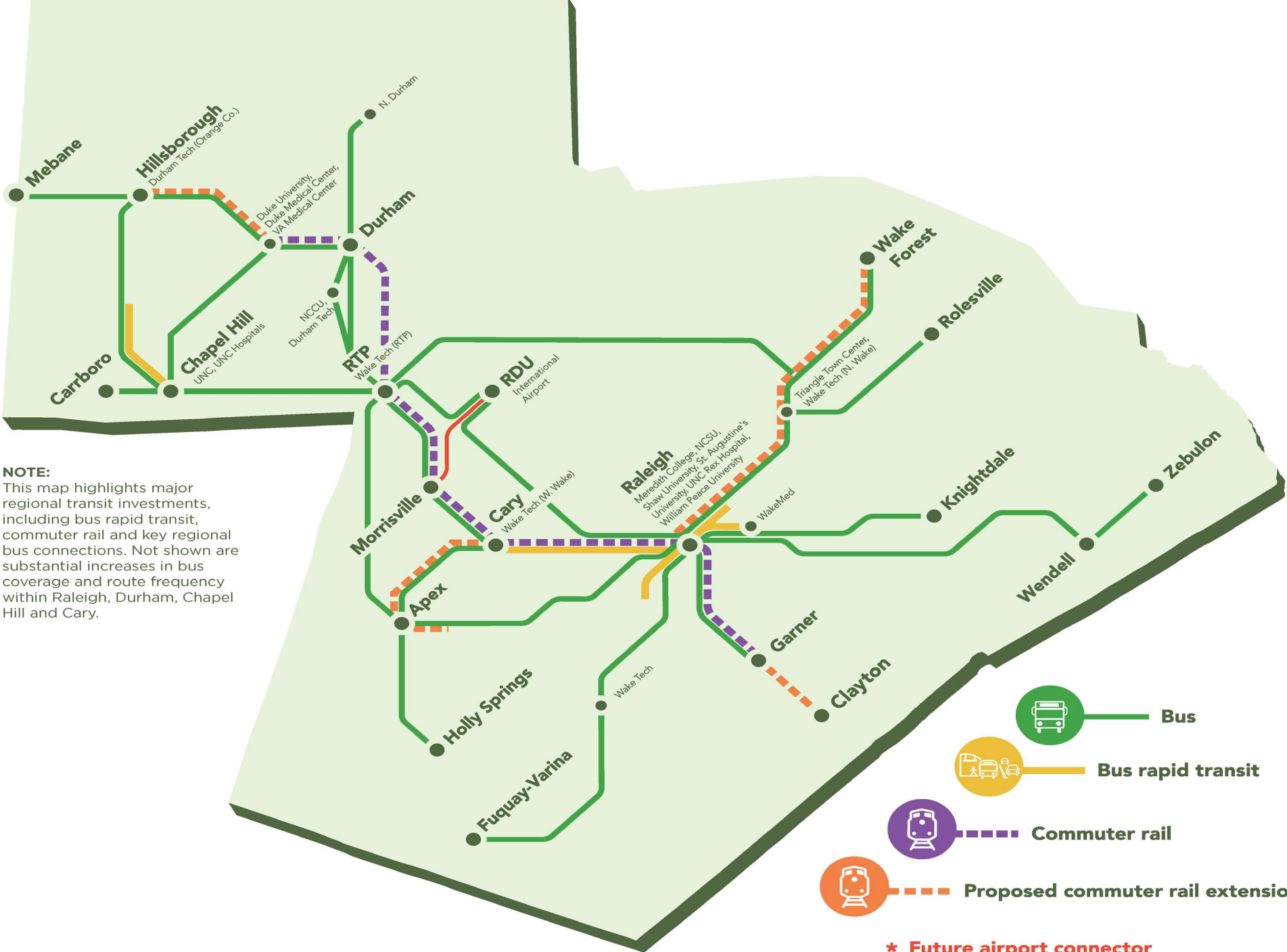
# COMMUTER RAIL UPDATE

DCHC MPO Board




March 11, 2020

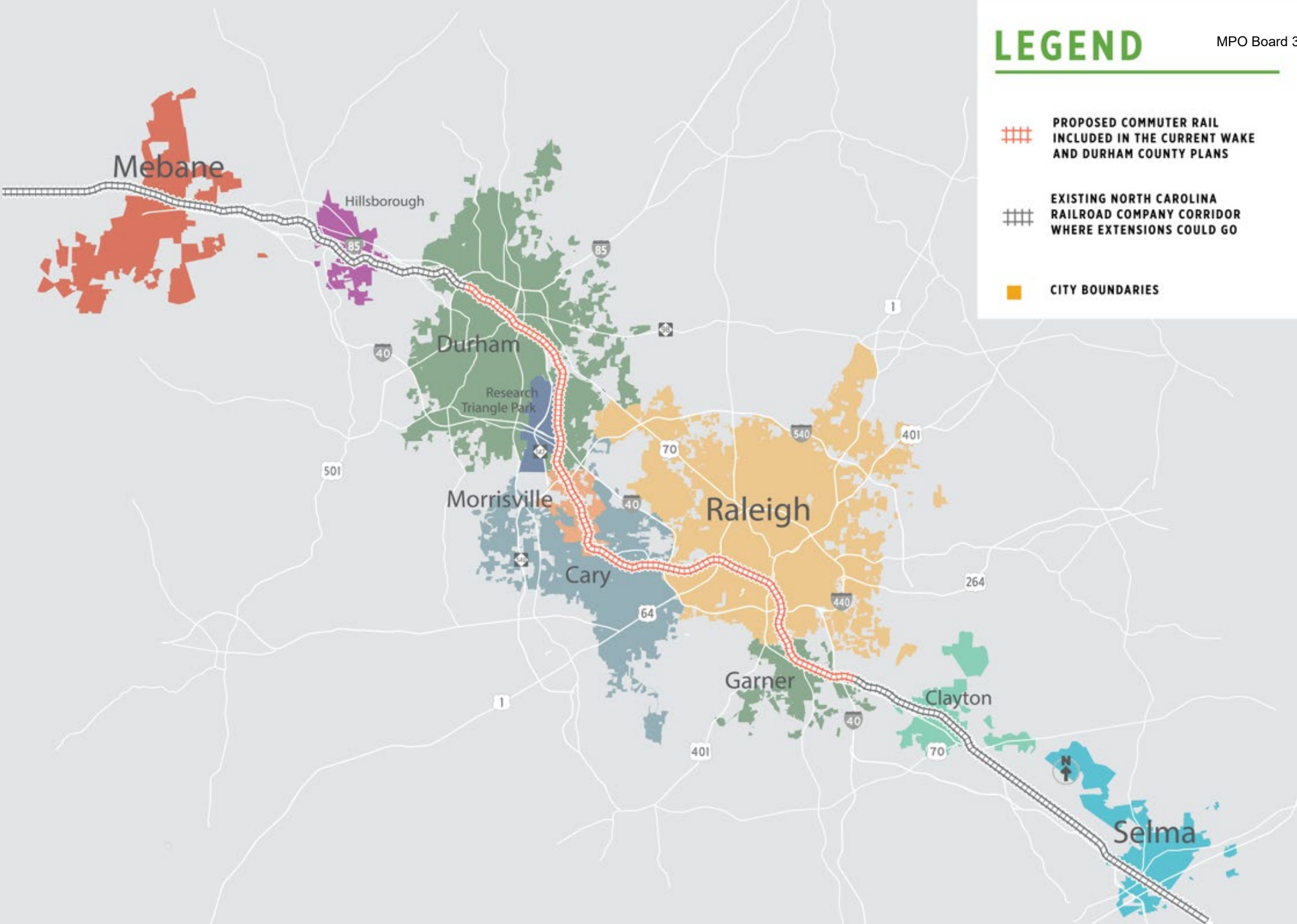
**GO FORWARD**

A COMMUNITY INVESTMENT IN TRANSIT



# LEGEND

-  PROPOSED COMMUTER RAIL INCLUDED IN THE CURRENT WAKE AND DURHAM COUNTY PLANS
-  EXISTING NORTH CAROLINA RAILROAD COMPANY CORRIDOR WHERE EXTENSIONS COULD GO
-  CITY BOUNDARIES



# STUDY FINDINGS

END POINTS	WEEKDAY ROUND TRIPS	EXPECTED FEDERAL SCORE	RANGE OF CAP. COST* [YOE\$]	O&M COST [2019\$]	RANGE OF RIDERSHIP**
Durham-Garner	20	MEDIUM	\$1.4B – \$1.8B	\$29M	7.5K – 10K
Durham-Garner	12	WEAK MEDIUM***	\$1.4B – \$1.8B	\$20M	5K – 7.5K
Durham-Garner	7	WEAK MEDIUM***	\$1.4B – \$1.7B	\$13M	4.5K – 6K
Mebane-Selma	20	MEDIUM-LOW	\$2.5B – \$3.2B	\$57M	8K – 11.5K
Mebane-Selma	12	MEDIUM-LOW	\$2.5B – \$3.2B	\$40M	6K – 9K
Mebane-Selma	7	MEDIUM-LOW	\$2.3B – \$3.1B	\$26M	5K – 7.5K
Hillsb.-Clayton	20	WEAK MEDIUM***	\$1.8B – \$2.4B	\$44M	8K – 11.5K
Durham-Clayton	20	MEDIUM	\$1.6B – \$2.1B	\$37M	7.5K – 10K

TO BE ELIGIBLE FOR FEDERAL FUNDING, PROJECT MUST SCORE A MEDIUM RATING

\*Cost: Year-of-Expenditure Dollars (YOE\$)

\*\*Daily Ridership: Average of Base Year (2018) and Horizon Year Forecast (2040)

\*\*\*Scenarios rated as “Weak Medium” are projected to score at the bottom of the medium range, meaning that a drop in any single sub-score could cause the project to be ineligible for funding

# ADDITIONAL STUDY:

- Proactive and comprehensive community engagement to share information and get feedback from the public needed to update transit plans in all three counties.
- Evaluation of what railroad infrastructure improvements and construction would be needed.
- Further evaluation of potential risks to the project and their potential solutions.





# FOCUS ON RISK MANAGEMENT

## Requirements Risk:

- Difficulty of succinctly and fully developing project requirements
- Differences in project stakeholder goals

## Design Risk:

- Design-related assumptions change
- Situations where unknown factors cause designs to change

## Market Risk:

- Open market pricing and/or contract packaging strategies

## Construction Risk:

- Site activities
- Coordination of contractors

# Coordination with Others:

Build consensus on project responsibilities, cost share and other characteristics of a feasible commuter rail system through coordination among:



- GoTriangle
- Counties
- Railroads
- Municipalities
- Metropolitan planning organizations
- North Carolina Department of Transportation
- Institutions
- Community

# NEXT PHASE OF STUDY: KEY FOCUS AREAS

**Local Engagement:** Build a foundation for sustained regional cooperation

**Further Refine Project Concept:** Define infrastructure and frequency of trains

**Metrics:** Provide monetary costs, non-monetary costs, and benefits

**Railroad Buy-in:** Rail network modeling, determine necessary requirements

**Capacity Building:** Develop management plan and procure consultant support

**FTA Funding Eligibility:** Ridership modeling and economic development potential

**Cost Share:** Obtain commitment of 100% of non FTA funds



# CRITICAL NEXT STEPS

Memorandum of Understanding for next phase (early project development activities):

- NCRR, NCDOT, GoTriangle, Counties, MPOs

Public board meetings with County boards and MPOs for local decision-making on next steps and funding for additional preliminary effort:

- Wake: \$6,000,000
- Durham: \$2,700,000
- Johnston: \$250,000
- NCRR: \$250,000 (share RTC modeling)



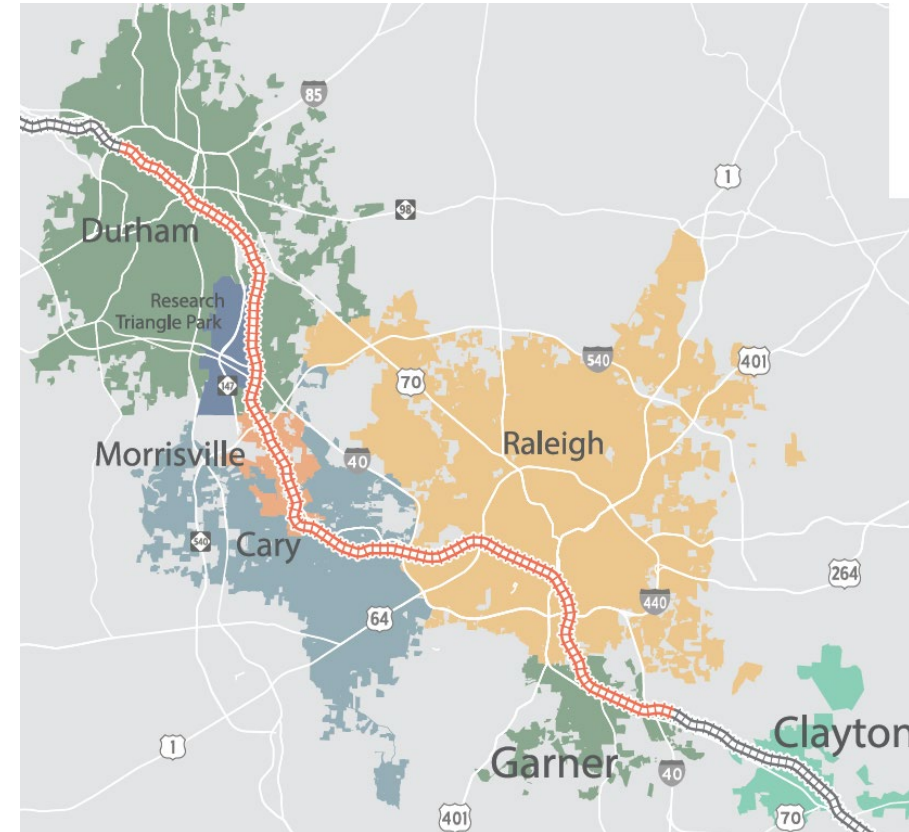
# GREATER TRIANGLE COMMUTER RAIL

## Current FY20 Work Plan:

Project	FY20 Budget	Budget Unspent
Commuter Rail Study	\$ 810,000	\$465,000

## Proposed FY20 Work Plan:

Commuter Rail Study	Budget Amount
Remaining FY20 Budget	\$ 465,000
FY20 Budget Amendment	\$ 2,235,000
<b>Total</b>	<b>\$ 2,700,000</b>



**FY20 Durham Work Plan Budget Impact = \$2,235,000**



## Questions and Comments