DURHAM · CHAPEL HILL · CARRBORO DOGLASSING ORGANIZATION

PLANNING TOMORROW'S TRANSPORTATION

# (E+C) Scenario of 2055 MTP – Transit Modeling Assumptions & Wide-area Impact Projects

Yanping Zhang August 10<sup>th</sup>, 2024

## 2055 MTP – Existing Plus Committed (E+C) Scenario



- <u>Transportation Demand</u>: 2055 Socio-Economic Data, including population, employment, and other relevant data.
- Transportation Supply: Existing infrastructure and services, as well as those currently committed for near future implementation.
- Objectives:
  - Comparing todays travel conditions with that of Year 2055 with no additional infrastructure and Services
    Deficiency Analysis shows where investments in highways, transit and other travel modes are needed to address the future travel needs

### 2055 (E+C) Scenario - Transit Modeling Assumptions



- GoTriangle Transit Services: Short-Range/FY25-28 Transit Plan, including the relocation of Regional Transit Center
- GoDurham Transit Services: Short-Range/FY25-28 Transit Plan
- Chapel Hill Transit Services: Existing Transit Services plus Projects through 2028 in Orange Transit Plan and North-South BRT (?)
- Orange Transit Service: Draft Short-Range Transit.

### 2055 (E+C) Scenario - Transit Modeling Assumptions (2)



- Chatham County Transit Services: Existing Transit Services
- Duke Transit Services: Existing Transit Services
- PART Transit Services: Existing Transit Services



#### Questions & Comments? Yanping.zhang@dchcmpo.org