

### Durham-Orange Light Rail Project Recommended Project Changes

**DCHC MPO** 

October 11, 2017

#### Two-Car Platform

- Value Engineering Recommendation
- Operating Plan
   Specifies Combination
   of 1 and 2 car trains in
   2040
- Cost Savings of Approximately \$22 million

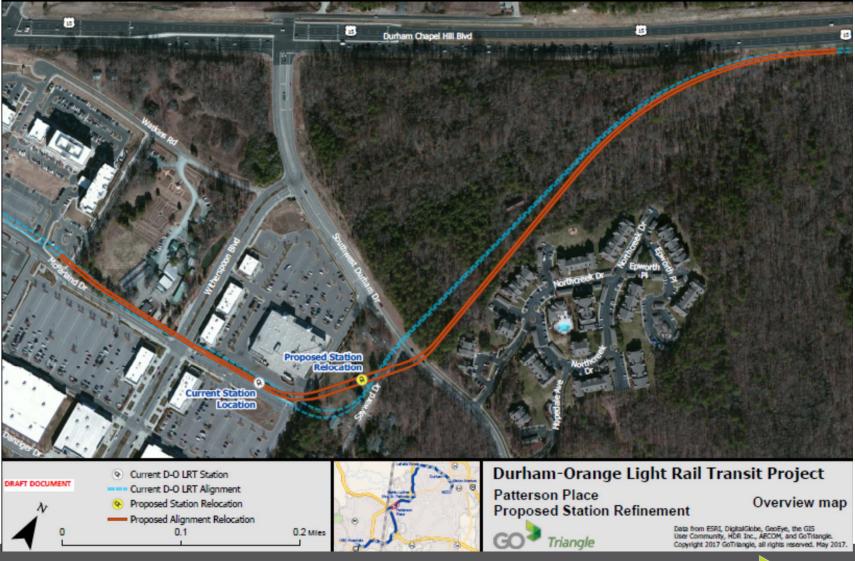


# Ridership Analysis

- Approximately 26,000 riders per day in 2040
  - Multiple Origins and Destinations
  - Efficient use of trains
- Ample Capacity
  - Projected peak hour/one direction ridership: 860
  - Hourly capacity if all 2-car trains: 2160\*
  - Additional capacity available by increasing frequency\*
- Other benefits include more station design flexibility
  - Patterson Place and DPAC
- \* Note: These options would require purchasing additional vehicles.



#### Patterson Place Refinement



## MLK Jr Parkway Refinement

