

North-South Corridor Bus Rapid Transit Date: August 10, 2016

Durham – Chapel Hill – Carrboro
Metropolitan Planning Organization
Board

North-South Corridor Study

January 2014 → April 2016

- Purpose and needs analysis for the corridor
- Extensive public engagement process
- Technical and policy committees
- Six base alternatives → Three preferred alternatives
- Identified broad set of benefits for the investment



For visualization purposes only

Dedicated Curb Lane - Construct a New Lane



For visualization purposes only

Dedicated Center Lane - Construct a New Lane



For visualization purposes only

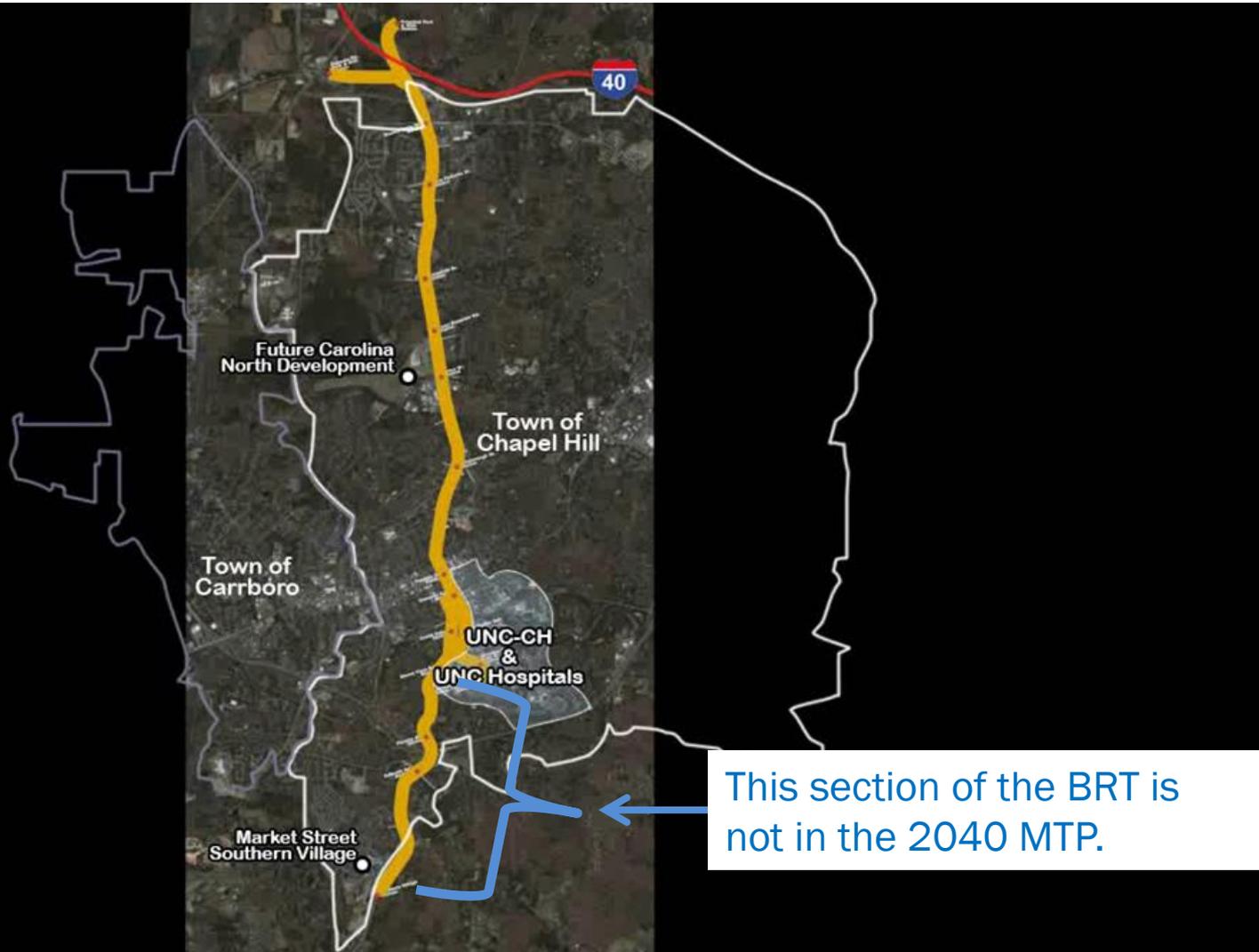
Dedicated Curb Lane - Convert Lane from Existing Use

Mixed Traffic with TSP
 Dedicated Curb Lane - Construct
 Dedicated Center Lane - Construct
 Dedicated Curb Lane - Convert



Preferred Local Alternative

How does it differ from 2040 MTP?



Preferred Local Alternative

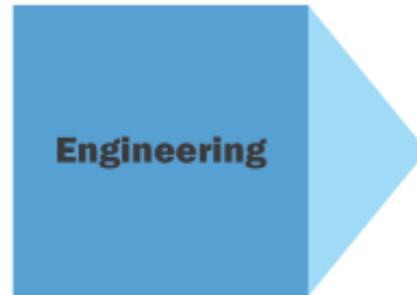
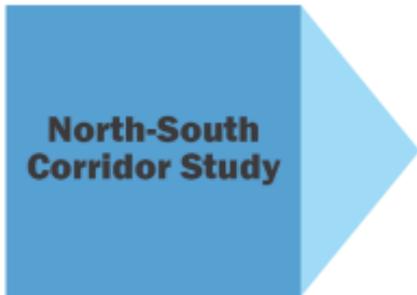
MPO Board 8/10/2016 Item 11
 2040 MTP had \$44m;
 thus need ~\$62m
 additional funding.

How does it differ from 2040 MTP?

| | 6-1 | 6-2 | 6-3 |
|---|--|------------|------------|
| Capital Cost | \$ 96.8 M | \$ 105.9 M | \$ 105.4 M |
| <i>Federal</i> | \$ 77.4 M | \$ 84.7 M | \$ 84.3 M |
| <i>Non-Federal</i> | \$ 19.4 M | \$ 21.2 M | \$ 21.1 M |
| O&M Cost | | \$ 3.4 M | |
| Travel Time | | 33:10 | |
| Travel Times Savings | | 03:51 | |
| Draft Ridership – <i>subject to change</i> | | 8,575 | |
| Average Peak-Hour Traffic Delay | 02:28 | 00:23 | 00:49 |
| Hours of operation | 5:00 am – 11:00 pm during the week 8:00 am – 11:00 pm on the weekend | | |
| Days of operation | 7 days a week | | |
| Frequency of service | Every 7.5 minutes during the day Every 10-20 minutes early morning and at night | | |

Federal New Starts Project Implementation Process

- Need 2040 MTP amendment to submit for project development (PD)
- PD application submission deadline – September 2nd, 2016



2040 MTP Amendment Schedule

June 22nd

TC recommended that the Board release the draft 2040 MTP Amendment #2 to include Chapel Hill MLK Blvd BRT LPA

August 10th

MPO Board releases the 2040 MTP Amendment #2 for a minimum 42-day comment period

September 15th

MPO Board holds a Public Hearing

September 28th

TC recommends Board approval of the 2040 MTP amendment #2

October 12th

MPO Board approves the 2040 MTP Amendment #2