

## Appendix 4. Bicycle and Pedestrian Projects

### Background

The 2045 MTP does not specifically list the bicycle and pedestrian projects. The local jurisdictions and counties have identified, and in many cases prioritized these projects and have coordinated their interaction in the jurisdiction boundary areas through the DCHC MPO. As a result, the 2045 MTP defers to those local governments.

### Exempt Projects

All the bicycle and pedestrian projects are deemed exempt from the air quality conformity determination according to Title 40, Code of Federal Regulations (CFR), PART 93.126. The most important implication of this exemption is that the projects may proceed toward implementation in the absence of a conforming transportation plan or Transportation Improvement Program (TIP).

### Durham-Chapel Hill-Carrboro MPO Regional and Statewide Bicycle Routes

A major objective of the 2045 Long-Range Transportation Plan is to identify regional bicycle routes in the Durham-Chapel Hill-Carrboro MPO region. Regional bicycle routes have several characteristics, as follows:

- Provide links between major destinations and between urban centers.
- Facilitate primarily utilitarian bicycle trips, though the routes can also serve recreational cycling.
- Serve as a backbone to a finer grained system of local bicycle routes in each jurisdiction.

The regional bicycle route map identifies a variety of corridors in need of improved bicycle facilities. The map primarily identifies on-road routes, but off-road routes are also identified. The regional routes will be evaluated from time-to-time, including future updates of the long-range transportation plan.

### DCHC MPO Regional Routes

In planning the regional bicycle routes, twelve specific zones of connections were targeted. The following listing shows the identified regional routes within each zone of connection:

#### Connections between Carrboro and Chapel Hill

- Homestead Road
- Homestead Road / Weaver Dairy Road
- Morgan Creek Trail (off-road) / Columbia Street
- Bolin Creek Trail (off-road)
- The Campus to Campus Connector (on and off-road connecting UNC-CH main campus to Carolina North)

#### Connections between Carrboro-Chapel Hill and Hillsborough

- Columbia Street / NC 86

#### Connections between Carrboro-Chapel Hill and Chatham County

- Smith Level Road / US 15-501
- US 15-501
- NCDOT Mountains-to-Sea Bicycle Route (see description below)

#### Connections between Hillsborough and Chatham County

- Orange Grove Road / Dodson's Crossroads Road

#### Connections between Durham and Chatham County

- Roxboro Road / Hope Valley Road / NC 751
- American Tobacco Trail (off-road)

#### Connections between Durham and Hillsborough

- Morreene Road / Neal Road / Bennett Memorial Road / Old NC 10 / NC 86
- Cornwallis Road / Erwin Road / NC 751 / Old NC 10 / NC 86

#### Connections between Durham and Carrboro-Chapel Hill

- Cornwallis Road / Erwin Road
- Pickett Road / Erwin Road
- University Drive / Old Durham-Chapel Hill Road
- Old Durham-Chapel Hill Road / Farrington Road / Ephesus Church Road

#### Connections between Carrboro-Chapel Hill and Research Triangle Park

- NC 54
- NC 54 / Barbee Chapel Road / Farrington Road / Stage Coach Road / NC 751 / Massey Chapel Road / Barbee Road / NC 54
- NC 54 / Barbee Chapel Road / Farrington Road / Stage Coach Road / NC 751 / Fayetteville Road / Scott King Road / Grandale Road / Sedwick Road
- NC 54 / Barbee Chapel Road / Farrington Road / Stage Coach Road / NC 751 / O'Kelly Chapel Road
- NC 54 / Hope Valley Road / Woodcroft Parkway / Carpenter Fletcher Road

#### Connections between Durham and Research Triangle Park

- Martin Luther King Jr. Parkway / Cornwallis Road
- American Tobacco Trail / Cornwallis Road / Miami Boulevard / Davis Drive
- Cornwallis Road / Alston Avenue
- Northeast Creek Parkway / Briggs Avenue

#### Connections between Treyburn-North Durham and Durham

- Northern Durham Parkway / Miami Boulevard
- North-South Greenway (off-road) / Milton Road / Tom Wilkinson Road / US 501
- Midland Terrace / Lynn Road / Miami Boulevard

#### Connections between Treyburn-North Durham and Hillsborough

- Northern Durham Parkway / Mason Road / St. Mary's Road

#### Connections between Research Triangle Park and Briar Creek area (Wake County)

- Chin Page Road

- T.W. Alexander Drive

#### **DCHC MPO Statewide Routes**

In addition to the regional bicycle routes, two statewide bicycle routes are identified in the Durham-Chapel Hill-Carrboro MPO region:

- NCDOT Mountains-to-Sea Bicycle Route in Orange and Chatham counties (uses Old Greensboro Highway, Jones Ferry Road, Greensboro Street, Smith Level Road, Culbreth Road, Mount Carmel Church Road, and Farrington Road)
- East Coast Greenway in Durham and Chatham counties (uses the American Tobacco Trail, the Downtown Trail, and a portion of the North-South Greenway Trail).