



NC
Nothing Compares
NORTH CAROLINA

the
**GREAT
TRAILS
STATE**

Photo Credit: ITRE



Photo Credit: ITRE



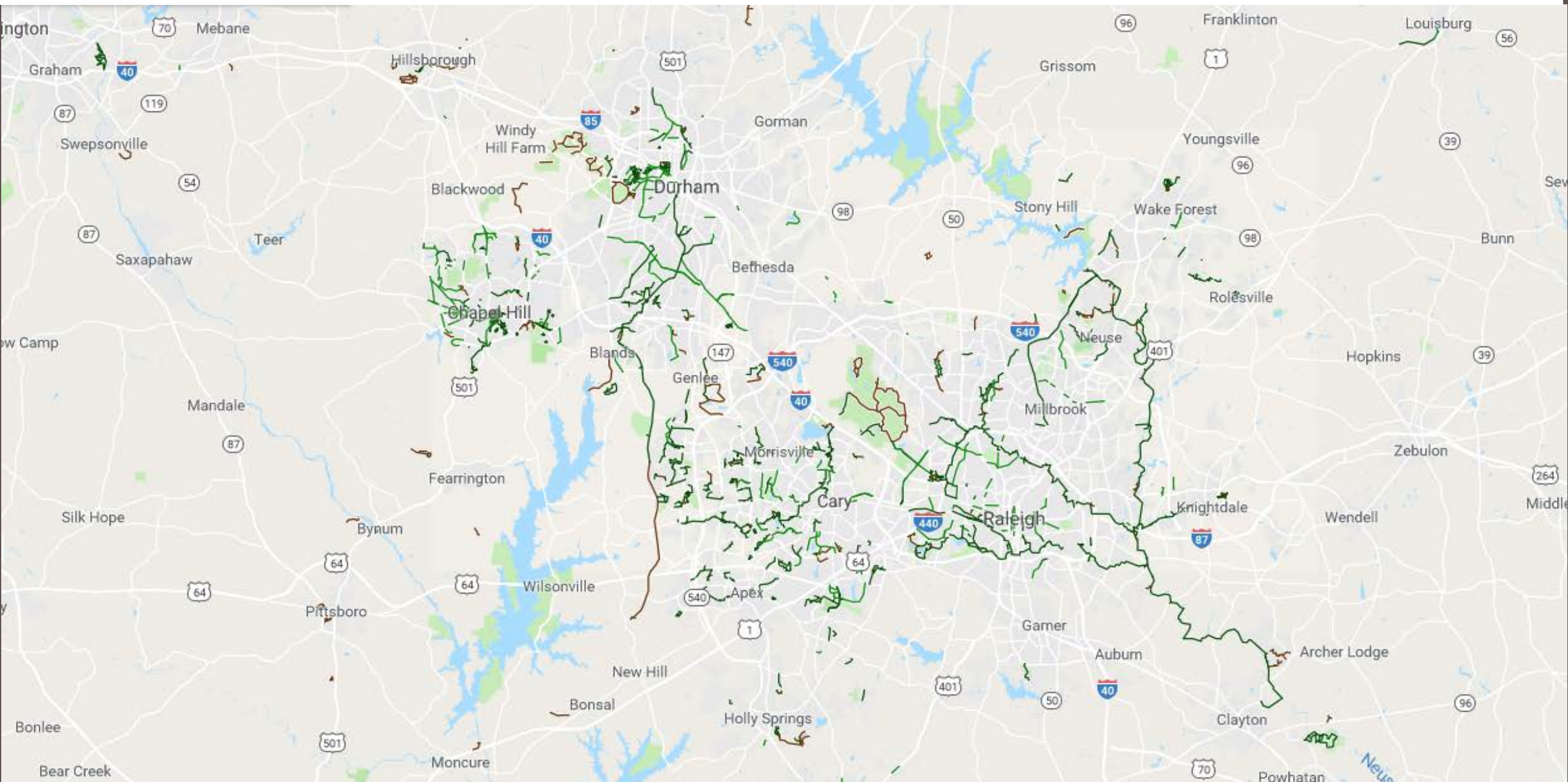
PIEDMONT | NEUSE RIVER TRAIL

Trail Topics

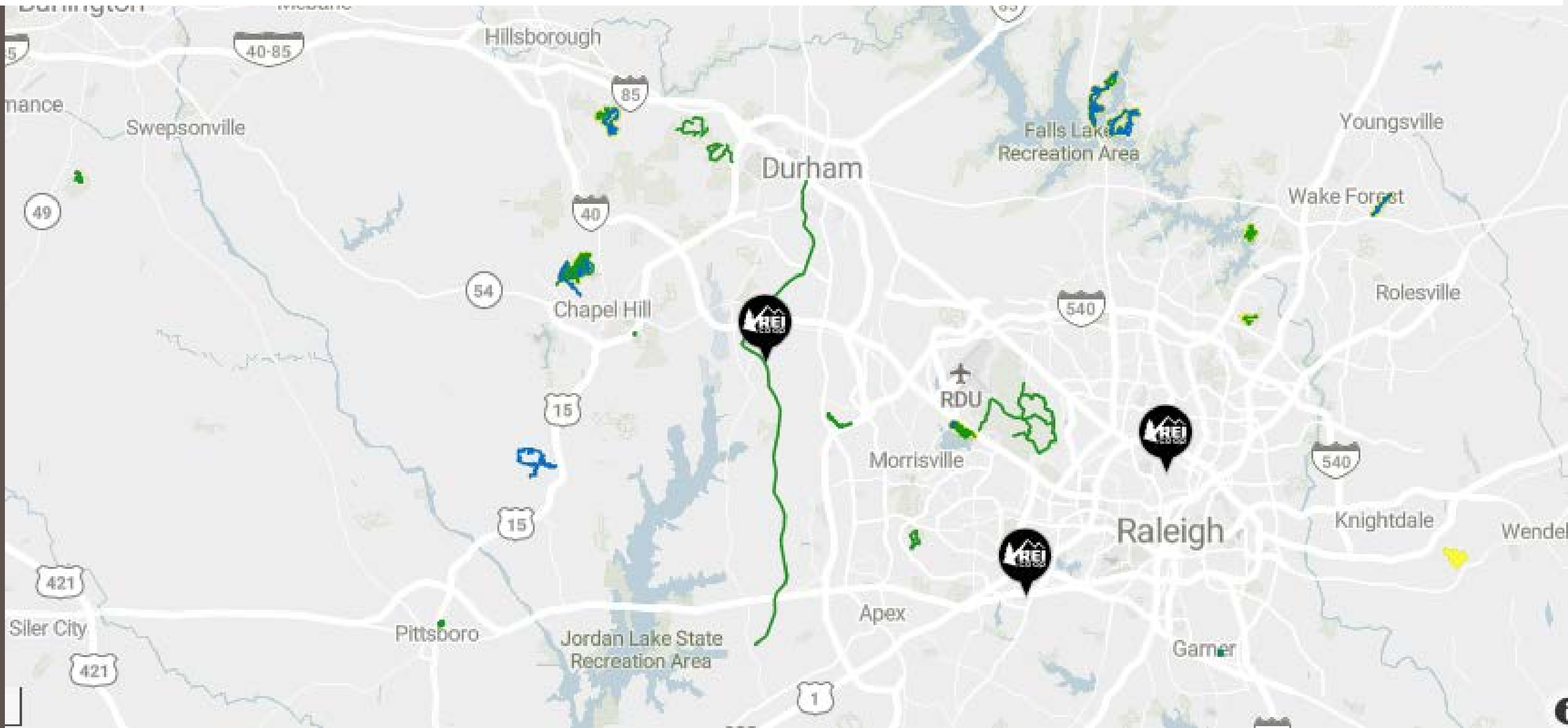
- Area Trail Resources Overview
 - Durham
 - Raleigh/Wake County
 - Chapel Hill/Carrboro
 - Chatham County
 - Alamance County
- Regional Resources
- Design Resources

Area Trail Resources Overview

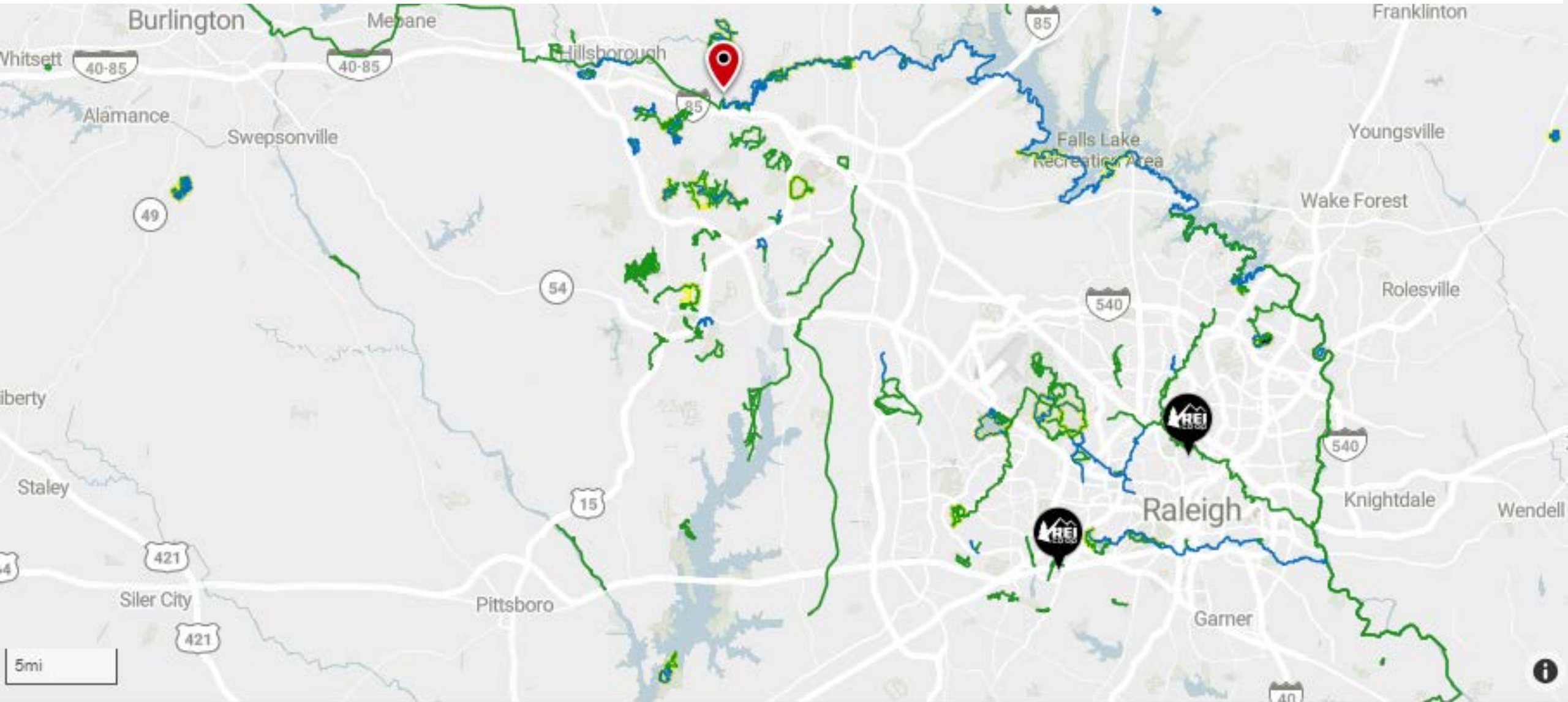
Google Maps – www.maps.google.com



MTB Project –www.mtbproject.com



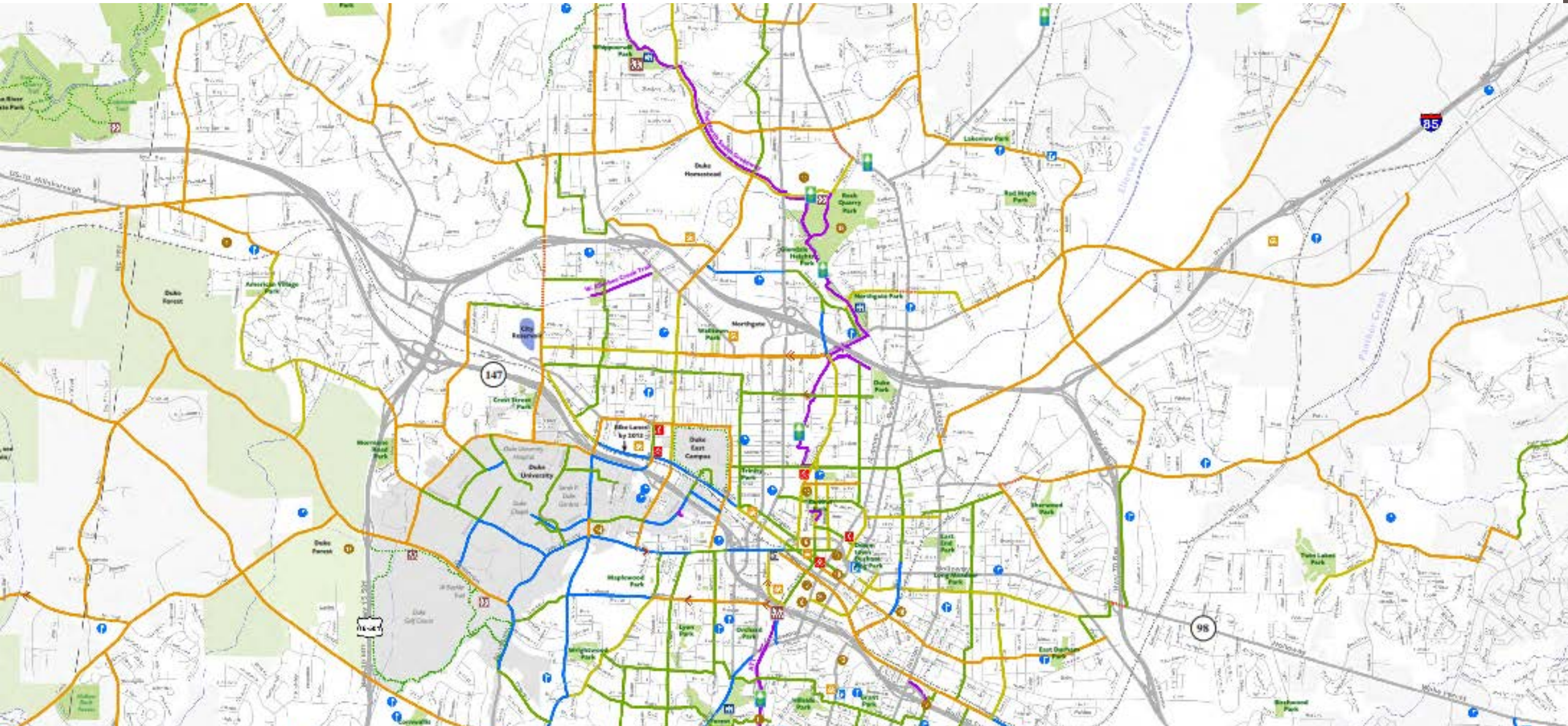
Hiking Project –www.hikingproject.com



Strava Heat Map – www.strava.com/heatmap#10.44/-78.96054/35.85019/hot/all

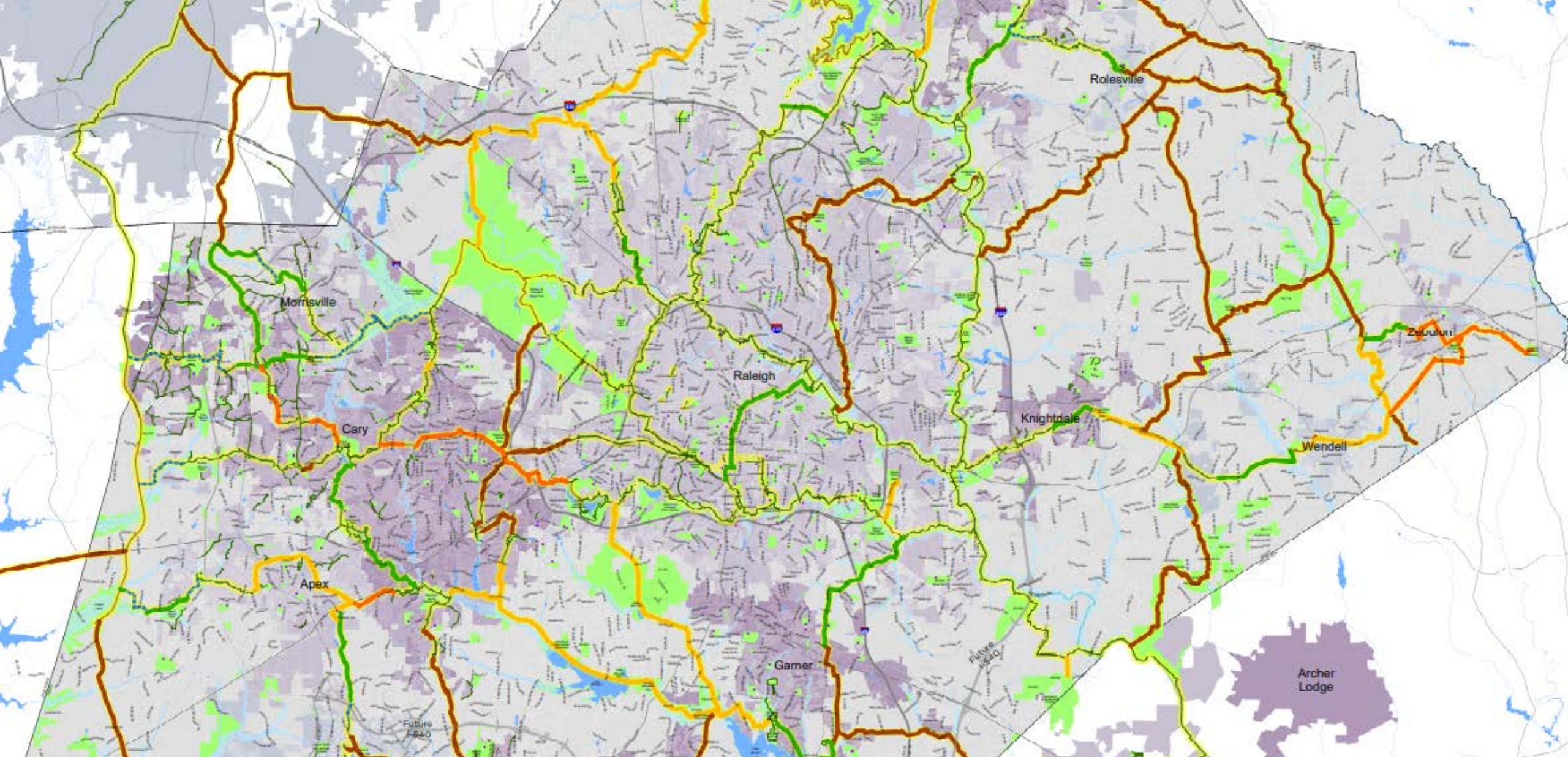


Durham Hike/Bike Map 2018 update – <https://durhamnc.gov/1031/Durham-Bike-Hike-Map>



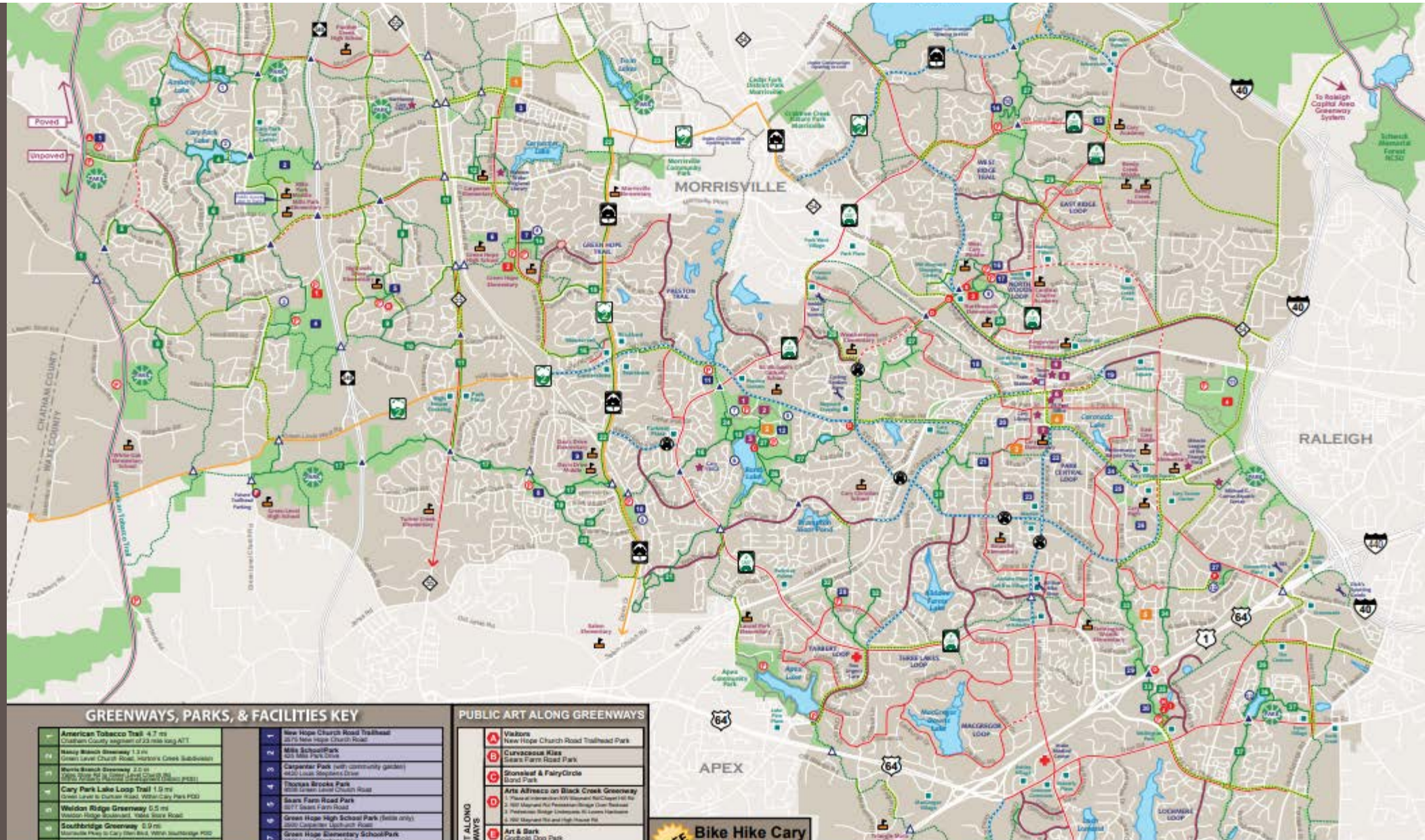


Raleigh Bike Map 2017 –
http://bikeraaleigh.org/home/images/PDF/BikeRaleighMap_03_2017.pdf

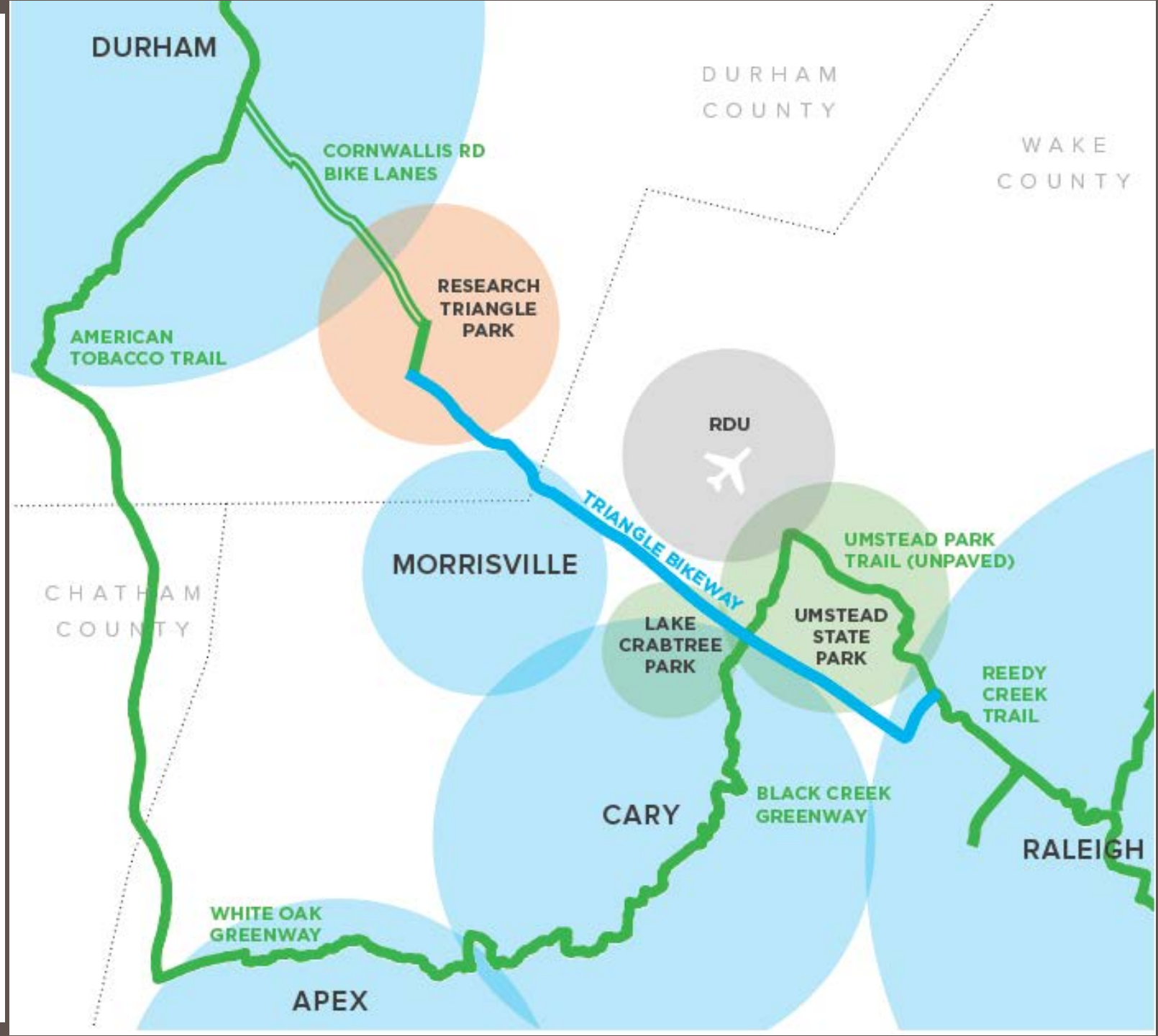


Wake County Greenway System Plan 2017 –
<https://wakegreenways.weebly.com/draft-plan.html>

Cary Hike Bike Map 2017-2018 - <http://www.townofcary.org/recreation-enjoyment/parks-greenways-environment/greenways>



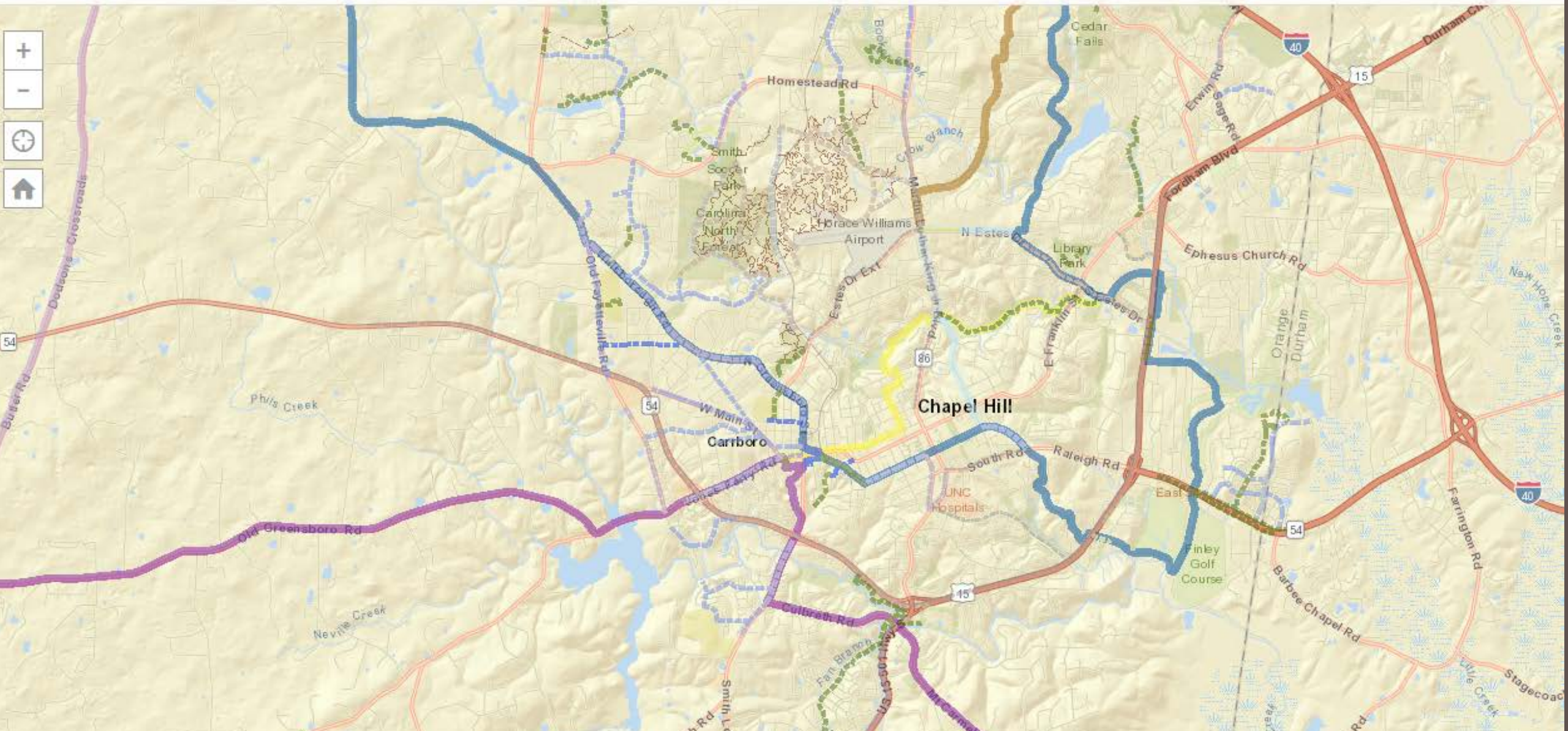
Triangle Bikeway



Carrboro Interactive Bike Map - <http://gis.ci.carrboro.nc.us/iCarrboro/Bike/>

Carrboro Bikeways

🔍 Zip Code, city, etc.





TOWN OF CHAPEL HILL



I Want To... >

Residents >

Businesses >

Visitors >

Students >

Town Hall >

▼ Parks and Recreation

▶ Recreation Programs: Register Online

▶ Parks

▶ Recreation

▶ **GREENWAYS**

▶ Recreation Facilities & Schedules

▶ Festivals & Events

▶ Volunteers

Adopt a Park/Greenway

▶ Planning and Development

Fees, Permits & Forms

[Town Hall](#) » [Departments & Services](#) » [Parks and Recreation](#)

GREENWAYS

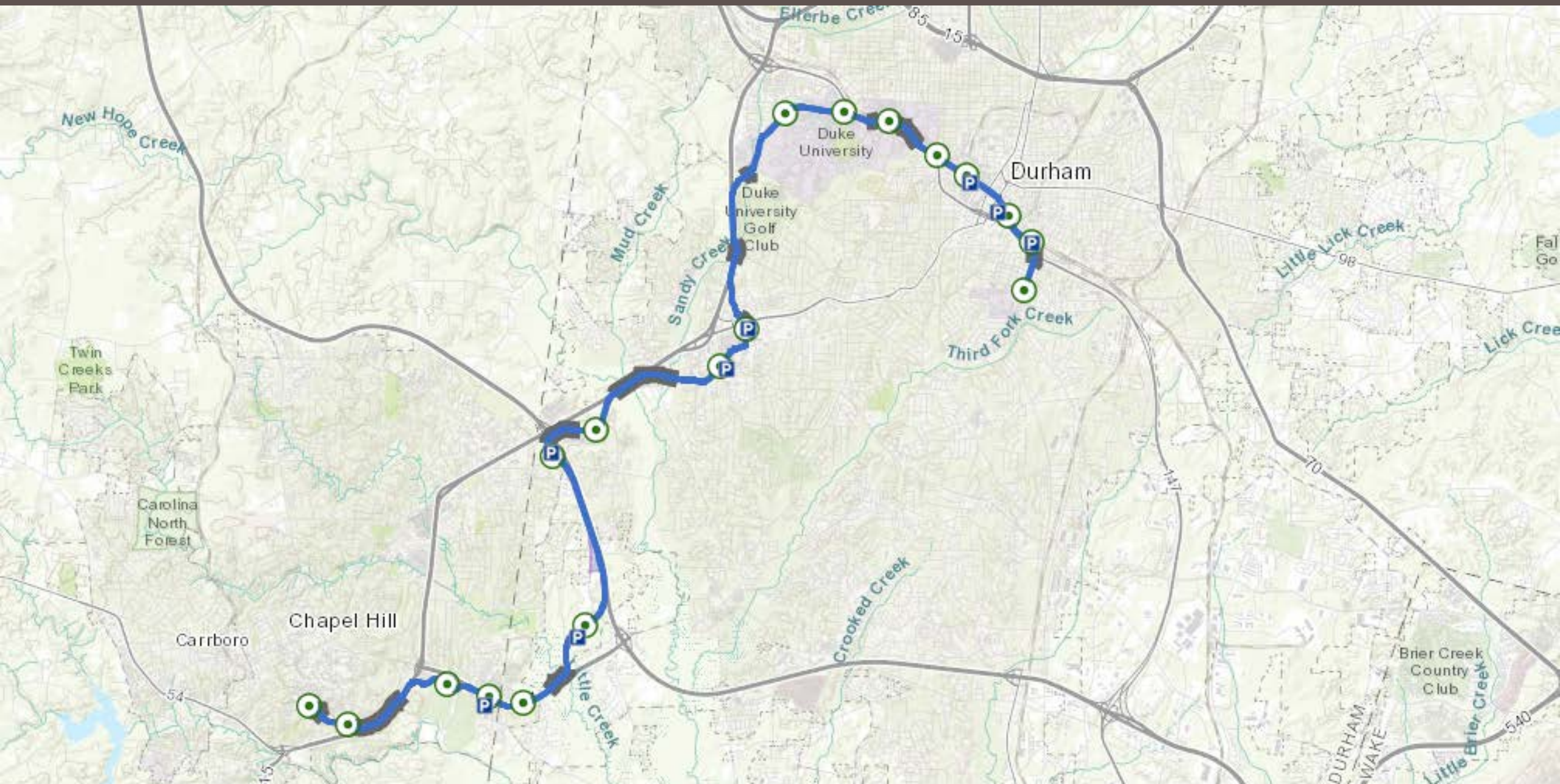
Font Size: + -

+ [Share & Bookmark](#)

[Feedback](#)

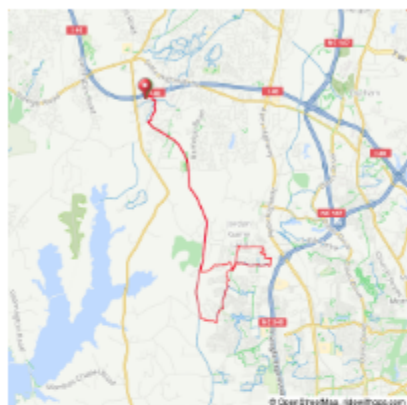
[Print](#)



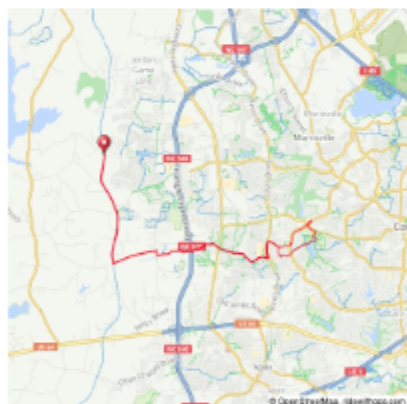


Tarwheels Route Information

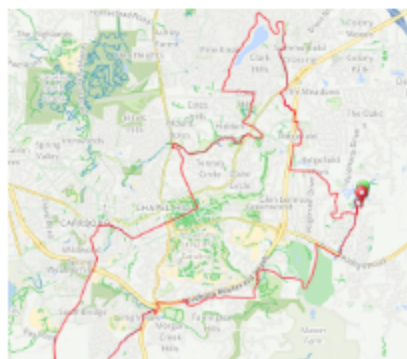
Sorted by Route Name



24829102 GW19.9 NW Cary / Nancy Branch
<http://ridewithgps.com/routes/24829102>
<http://tarwheels.net/pdf/24829102>
<http://tarwheels.net/csv/24829102>



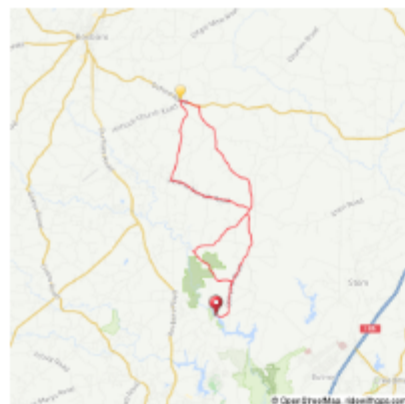
24826795 GW21.2 La Farm Bakery
<http://ridewithgps.com/routes/24826795>
<http://tarwheels.net/pdf/24826795>
<http://tarwheels.net/csv/24826795>



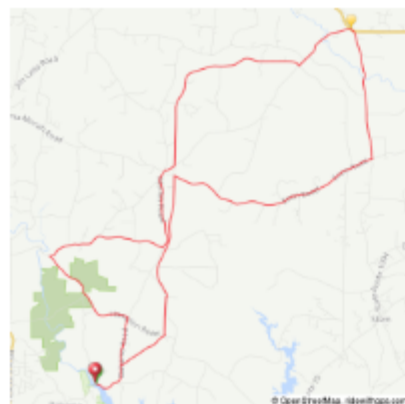
24832012 GW21.6 Chapel Hill-Carrboro-UNC bike ex
<http://ridewithgps.com/routes/24832012>
<http://tarwheels.net/pdf/24832012>
<http://tarwheels.net/csv/24832012>

Tarwheels Route Information

Sorted by Route Name



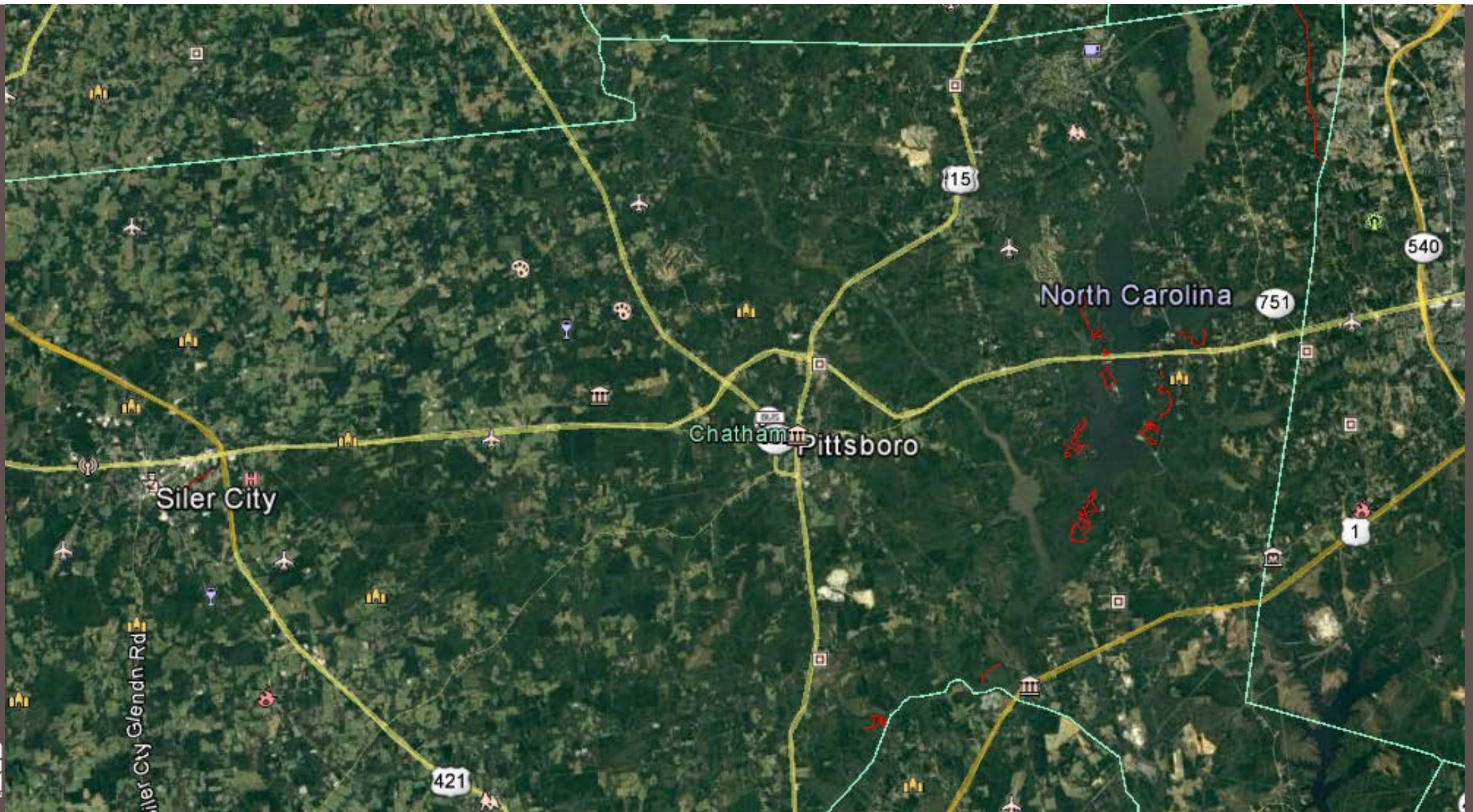
15374930 LM33.8 Surl
<http://ridewithgps.com/routes/15374930>
<http://tarwheels.net/pdf/15374930>
<http://tarwheels.net/csv/15374930>



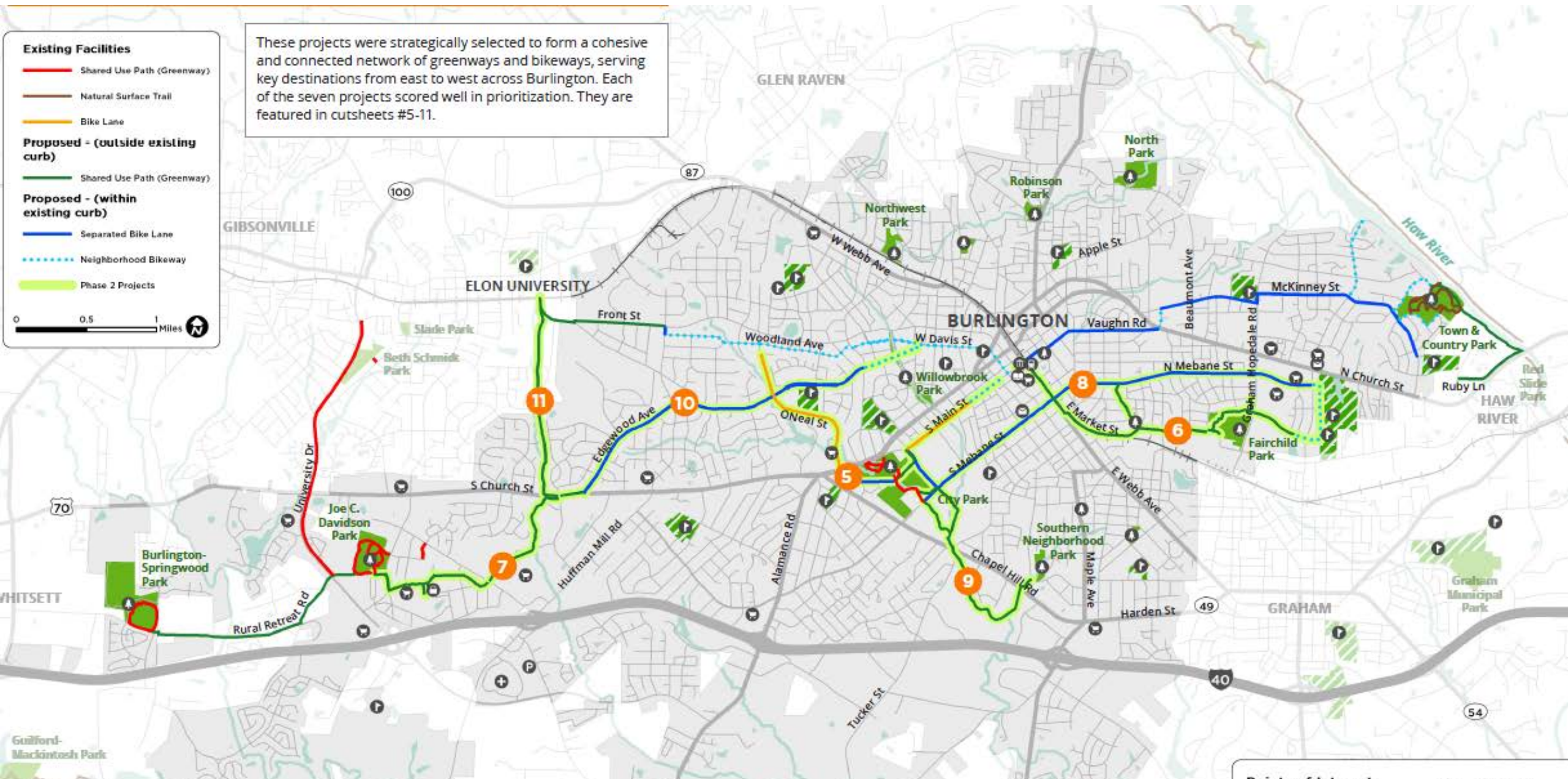
15310329 LM35.8 Berea
<http://ridewithgps.com/routes/15310329>
<http://tarwheels.net/pdf/15310329>
<http://tarwheels.net/csv/15310329>



19927786 LM38.1 Berea
<http://ridewithgps.com/routes/19927786>
<http://tarwheels.net/pdf/19927786>
<http://tarwheels.net/csv/19927786>



Burlington Greenways and Bikeways Plan - <https://www.burlingtonnc.gov/1897/Greenway-and-Bicycle-Plan>



the GREAT TRAILS STATE

*A Guide for
Exploring the Trails
of North Carolina*



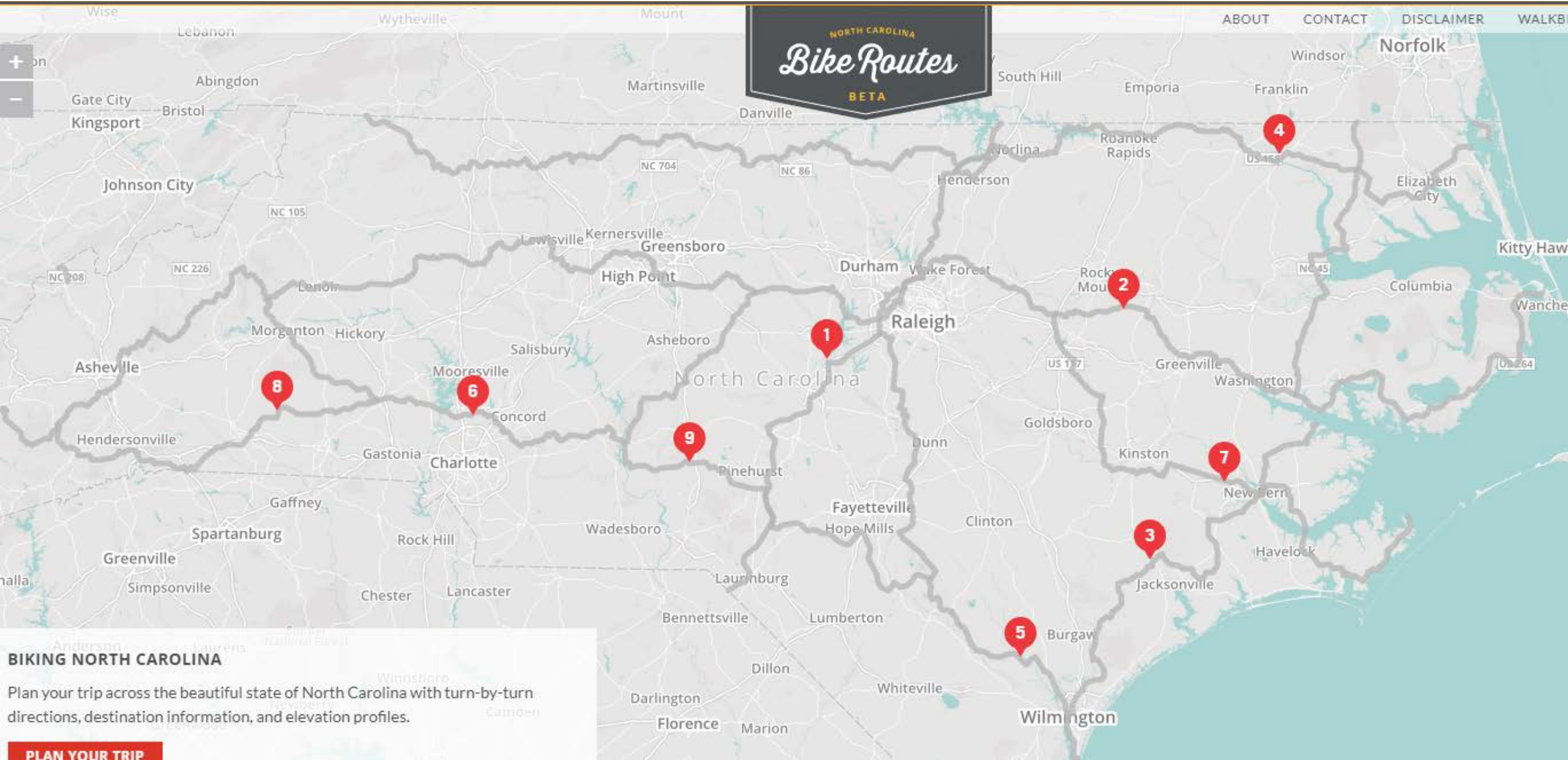
PIEDMONT REGION

- 6** Little Sugar Creek Greenway
- 7** Hanging Rock State Park
- 8** Uwharrie National Recreation Trail
- 9** Bicentennial Greenway
- 10** American Tobacco Trail

Positioned in the central part of the state, the Piedmont is known for its gently rolling foothills. Its relatively flat topography provides ideal conditions for mountain biking and bike touring. Outdoor recreation is easily within reach for those who live in cities and towns; a number of trails and greenways in this region link communities together. For those in the Piedmont looking for a more secluded adventure close to home, visit the Uwharrie National Forest for camping, hiking, and other outdoor activities, or one of the many local trails found in cities and towns throughout the Triangle, Triad, and Charlotte regions.

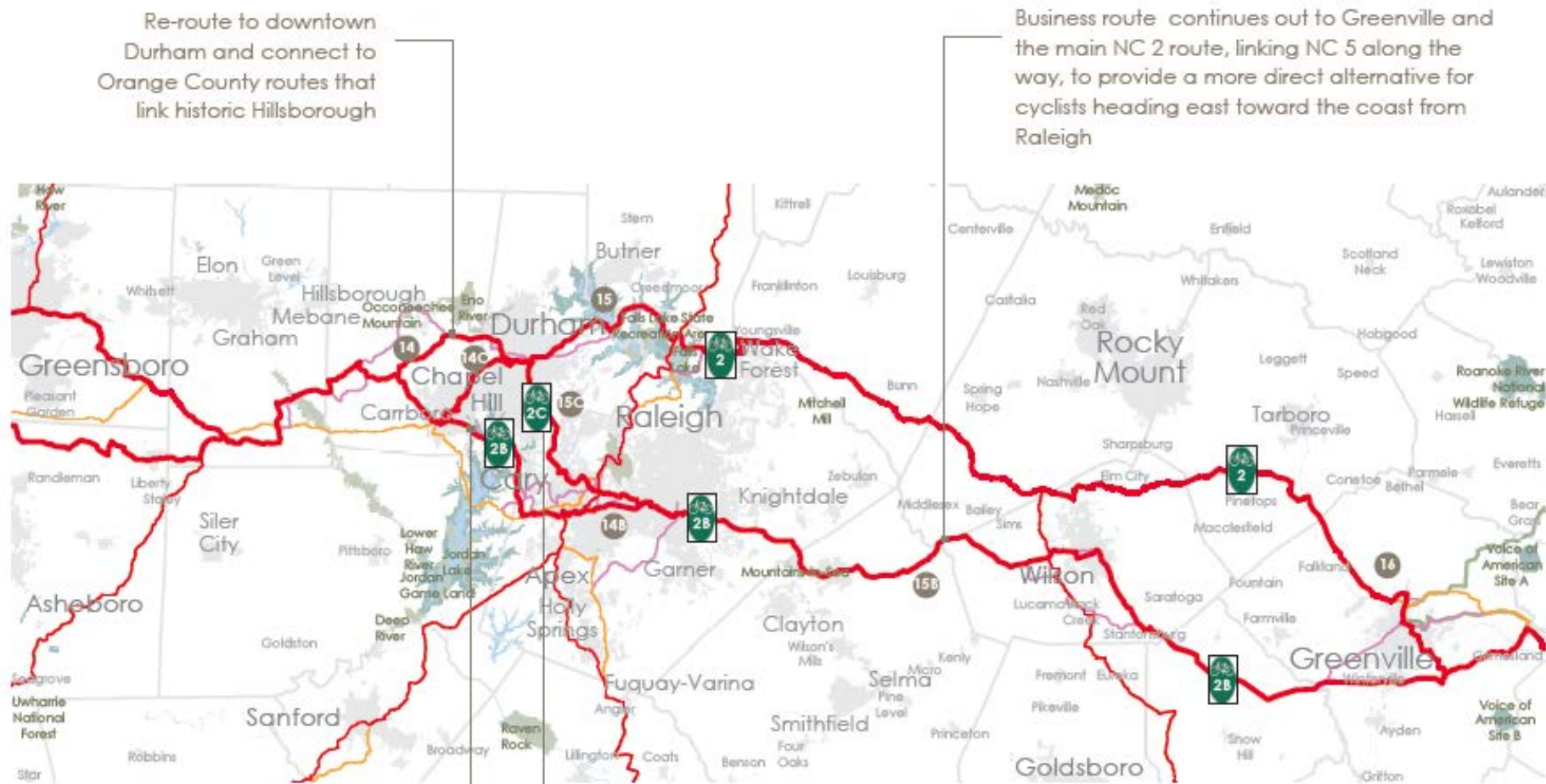
The Great
Trails State -
file:///C:/Users/
Stephen%20B/
Desktop/NCD
OT_GreatTrails
Booklet.pdf

State Bike Route System - <https://www.ncdot.gov/bikeped/ncbikeways/>



NC 2 - MOUNTAINS TO SEA ROUTE

State Bike Route System - <https://www.ncdot.gov/bikeped/walkbikenc/pictures/bikeroutes.pdf/>

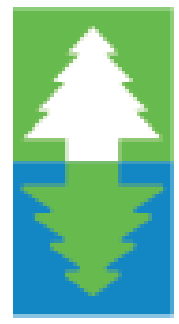


NC 2 - Proposed Route
 NC 2 - Alternative Considered
 Proposed Route System

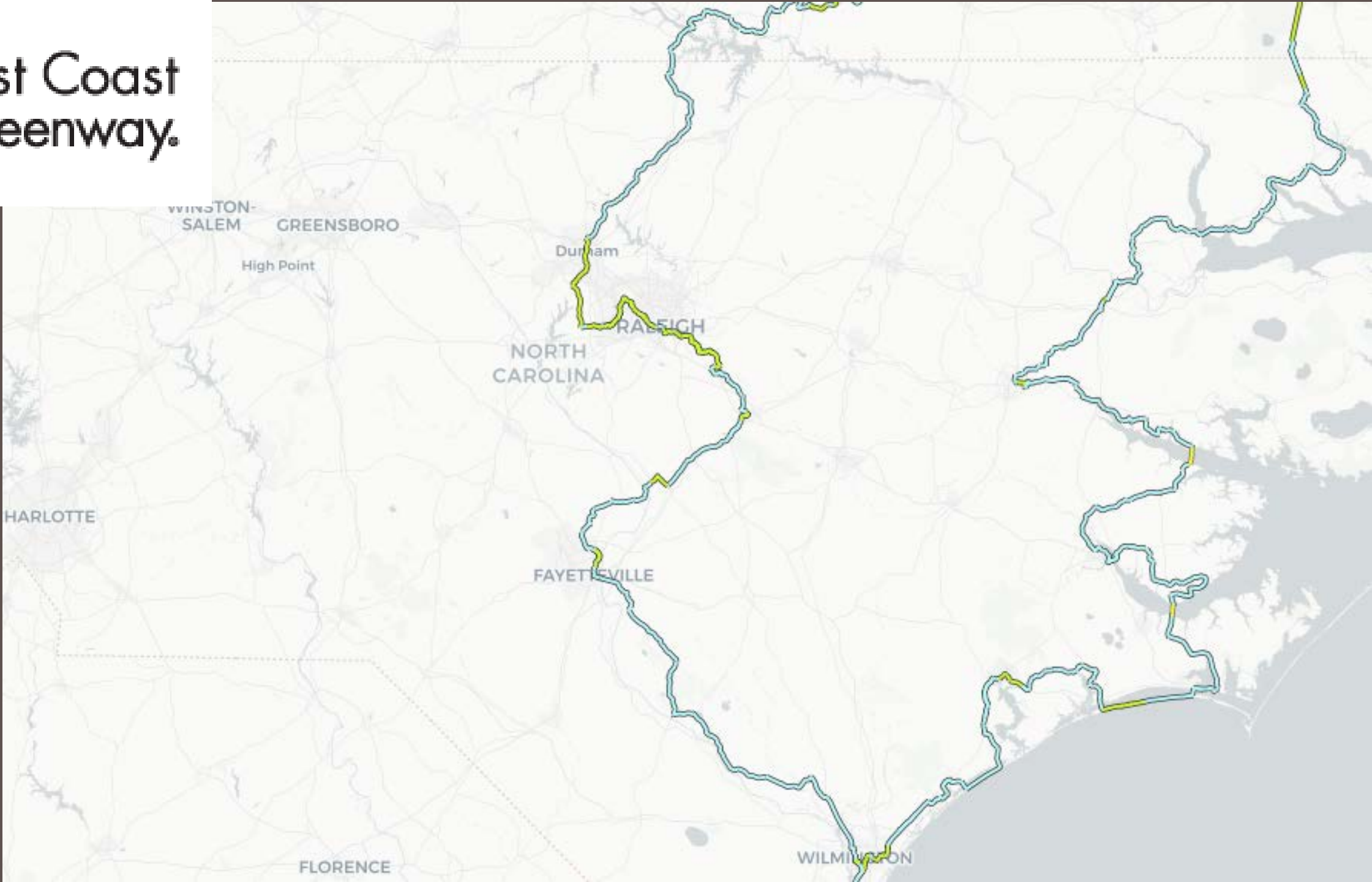
Current Route System
 East Coast Greenway

State Park
 Federal Land

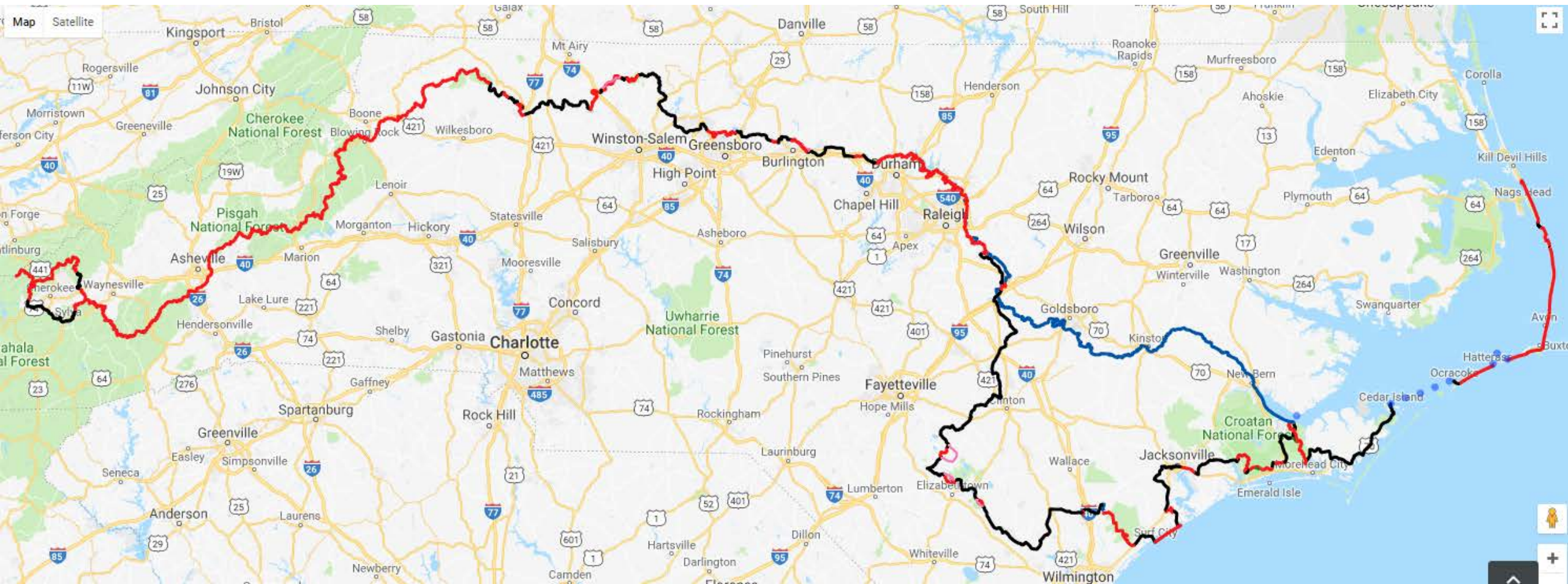
0 10 20 Miles



East Coast Greenway.



Mountains to Sea Trail Interactive Map - <https://mountainstoseatrail.org/the-trail/map/>



Carolina
Thread Trail
-
[https://www
.carolinathr
eadtrailmap
.org/trails](https://www.carolinathreadtrailmap.org/trails)



Carolina Thread Trail Map

Walk. Bike. Hike. Run. Paddle.

Create Account

Sign In

Find Trails Log My Trails Carolinathreadtrail.org

Find Trails

Trail Uses

- ☐ Walking / Hiking / Running
- ☐ Paved Surface Biking
- ☐ Mountain Biking
- ☐ Paddling
- ☐ Horseback Riding

Difficulty - View Descriptions

- ☐ Easy
- ☐ Moderate
- ☐ Advanced
- ☐ Strenuous

Trail Adventures

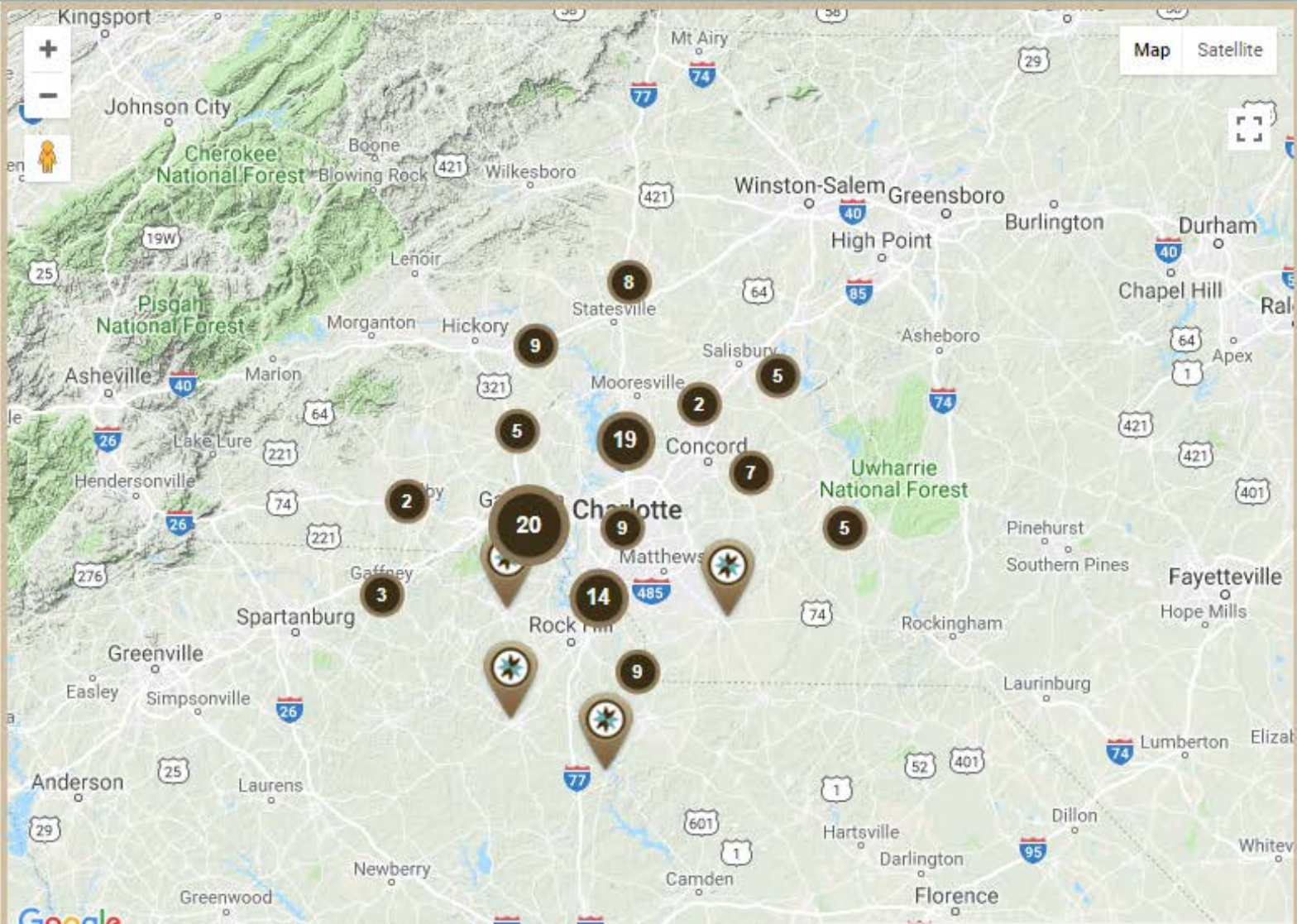
Suggested Adventures

Location

County

Location

Keywords



NCDOT Traffic Volume Maps -

<https://ncdot.maps.arcgis.com/apps/webappviewer/index.html?id=5f6fe58c1d90482ab9107ccc03026280>



Virginia Beaches to Bluegrass Trail -
<http://www.dcr.virginia.gov/recreational-planning/trailb2b>

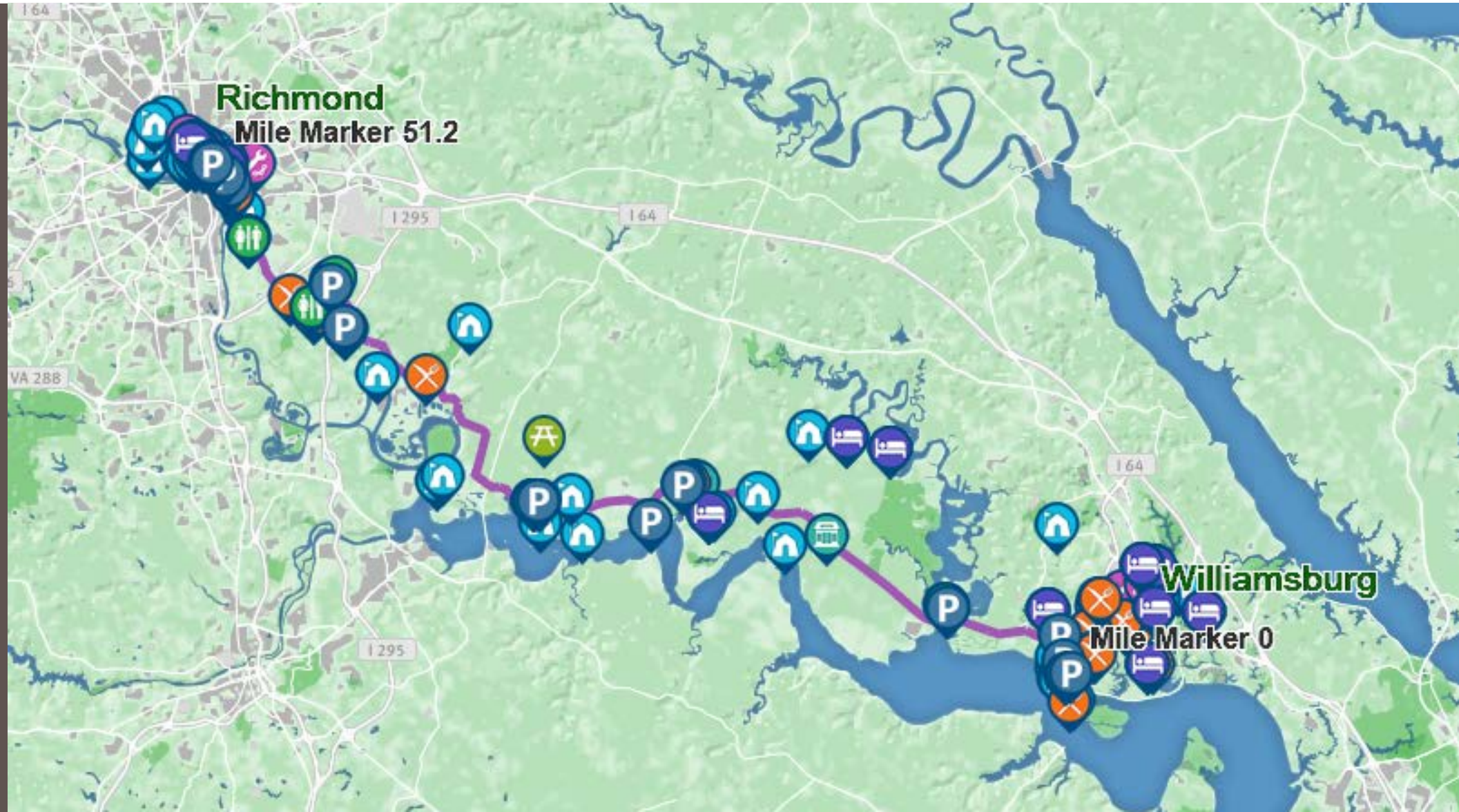


Beaches to Bluegrass Trail Highlights

- Tobacco Heritage Trail - <http://tobaccoheritagetrail.org/plan-your-trip/trail-webmap/>
- New River Trail State Park – <http://www.dcr.virginia.gov/state-parks/document/data/trail-guide-newrivertrail.pdf>
- Virginia Creeper Trail - <http://www.vacreepertrail.org/>
- Wilderness Road Trail State Park - http://www.dcr.virginia.gov/state-parks/wilderness-road#general_information

Virginia Capital Trail -

<http://www.dcr.virginia.gov/recreational-planning/trailb2b>



John Tyler Memorial Hwy

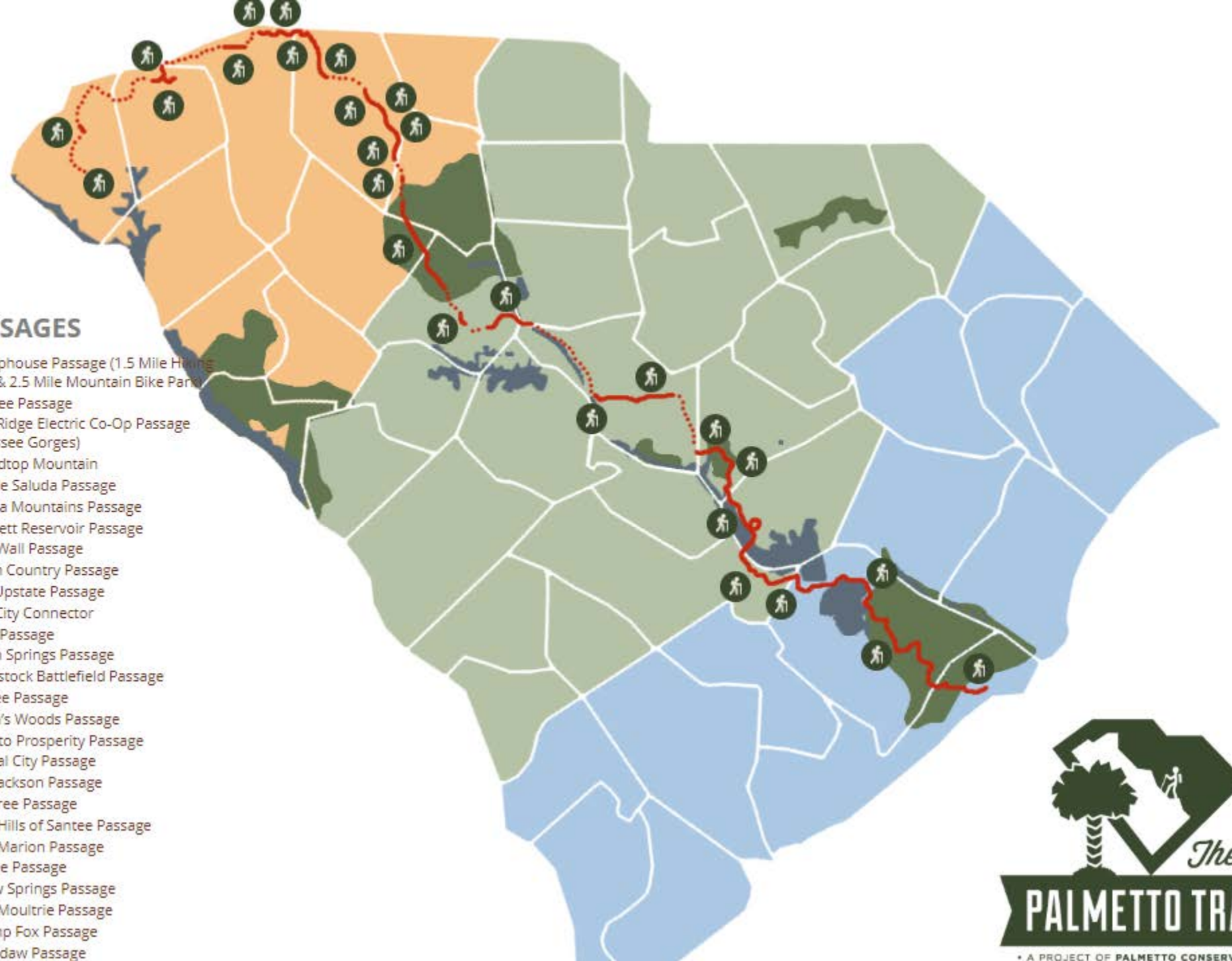
Google



South Carolina Palmetto Trail - <https://palmettoconservation.org/palmetto-trail/map/>

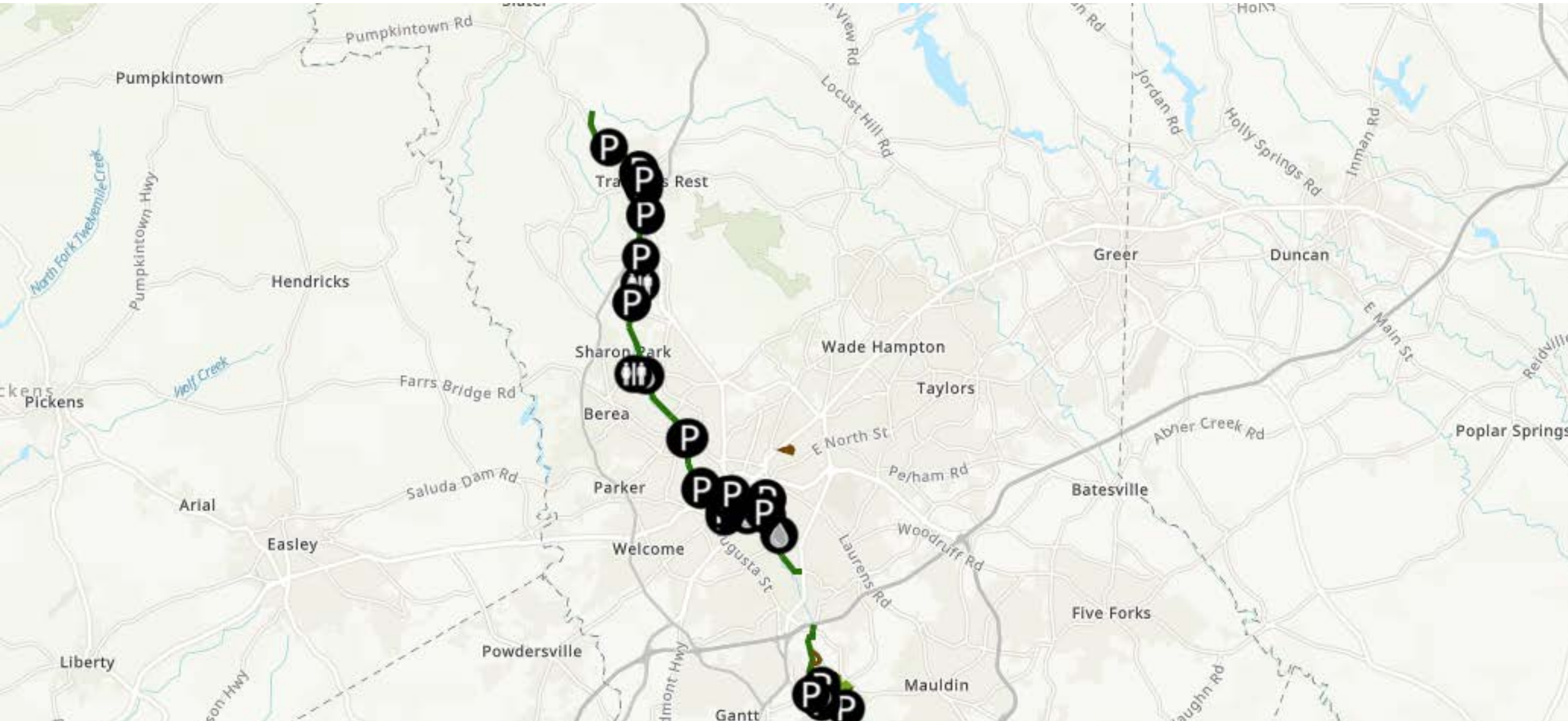
PASSAGES

Stumphouse Passage (1.5 Mile Hiking Trail & 2.5 Mile Mountain Bike Park)
Oconee Passage
Blue Ridge Electric Co-Op Passage (Jocassee Gorges)
Roundtop Mountain
Middle Saluda Passage
Saluda Mountains Passage
Poinsett Reservoir Passage
Blue Wall Passage
Peach Country Passage
USC Upstate Passage
Hub City Connector
Croft Passage
Glenn Springs Passage
Blackstock Battlefield Passage
Enoree Passage
Lynch's Woods Passage
Peak to Prosperity Passage
Capital City Passage
Fort Jackson Passage
Wateree Passage
High Hills of Santee Passage
Lake Marion Passage
Santee Passage
Eutaw Springs Passage
Lake Moultrie Passage
Swamp Fox Passage
Awendaw Passage



Swamp Rabbit Trail -

<https://gis.greenvillesc.gov/swampprabbittrail/index.html>



US Forest Service GIS Data

- <https://data.fs.usda.gov/geodata/edw/datasets.php?xmlKeyword=trails>

Ruraldesignnguide.com



DECEMBER 2016

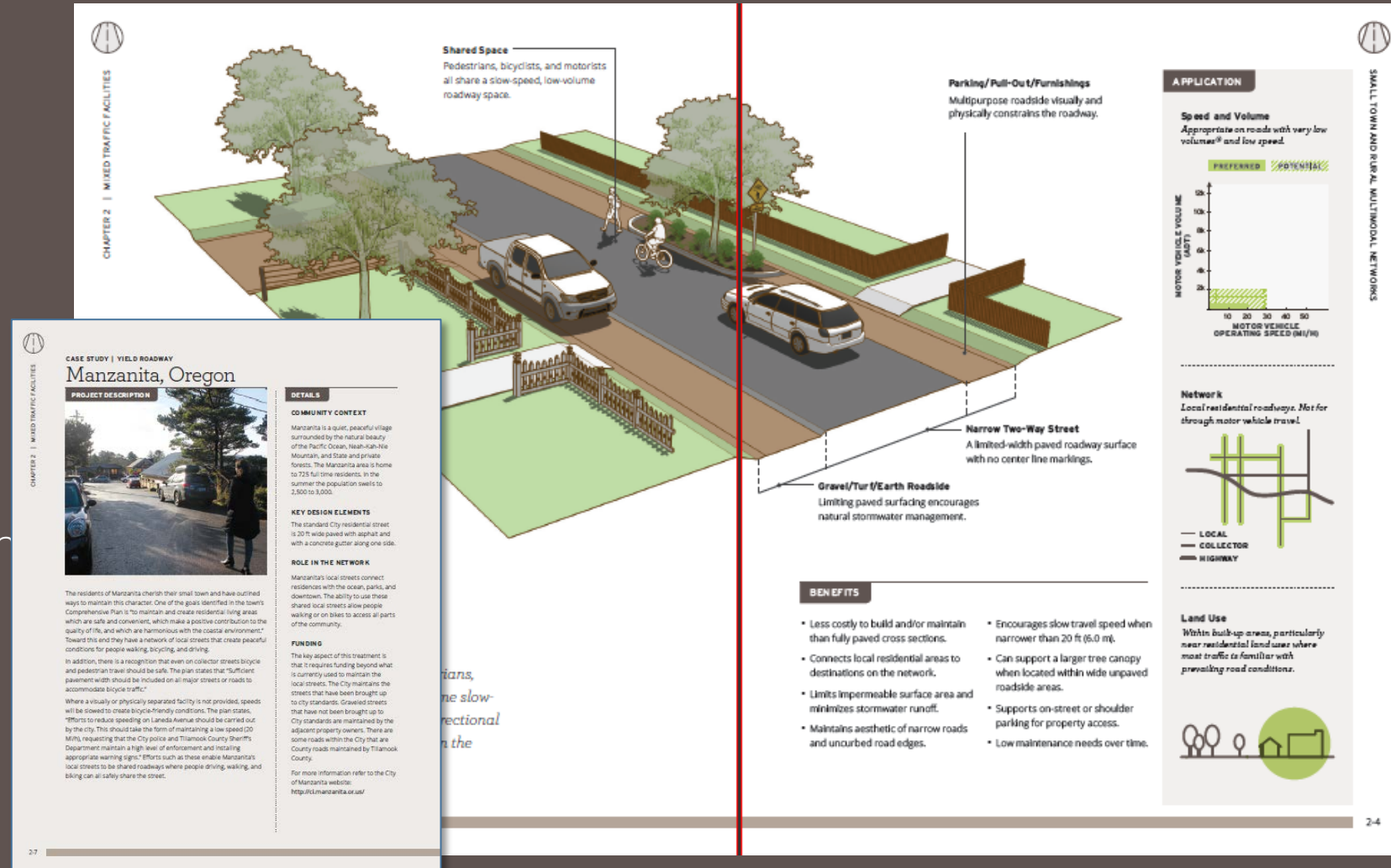
Small Town *and* Rural Multimodal Networks



U.S. Department of Transportation
Federal Highway Administration

Content Areas

- Application
- Benefits
- Case Studies
- Guidance
 - Geometric Design
 - Markings
 - Signs
 - Intersection treatment
 - Implementation
 - Accessibility



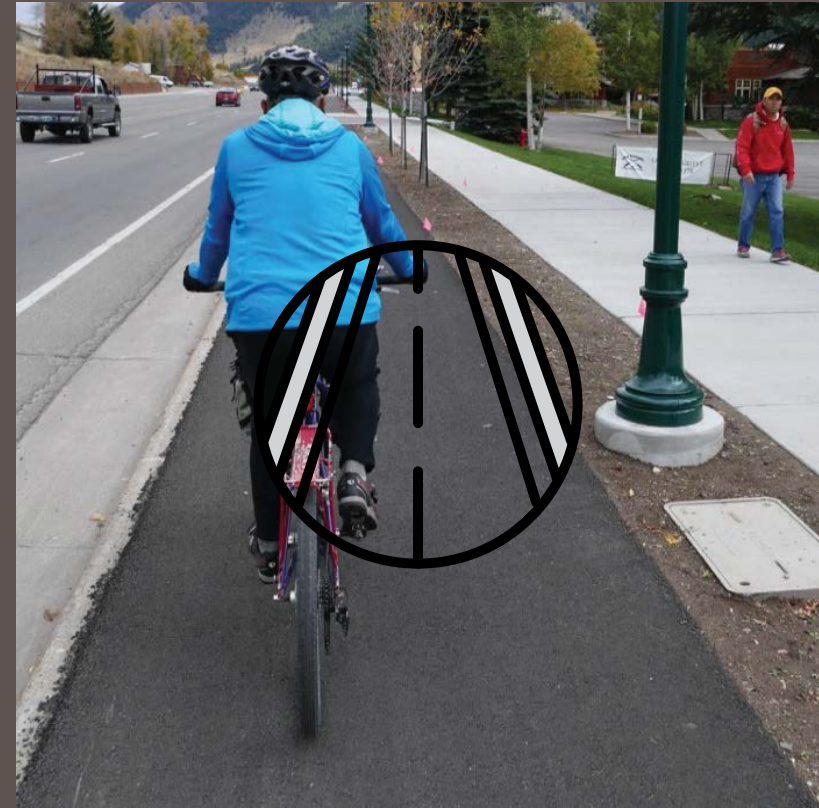
Applications



Mixed Traffic



Visually Separated



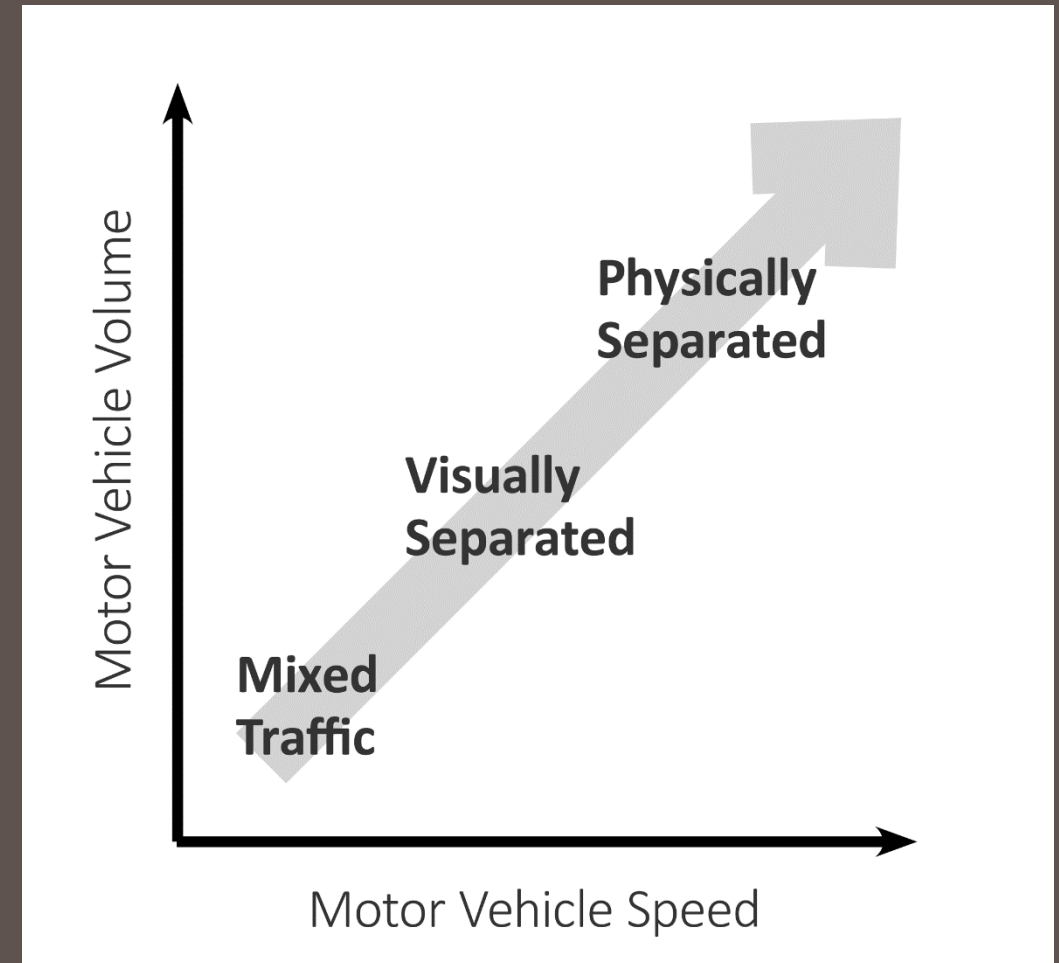
Physically Separated

Focus on Complete Networks of Facilities

Networks are interconnected pedestrian and/or bicycle transportation facilities that allow people of all ages and abilities to safely and conveniently get where they want to go.

Facility Categories:

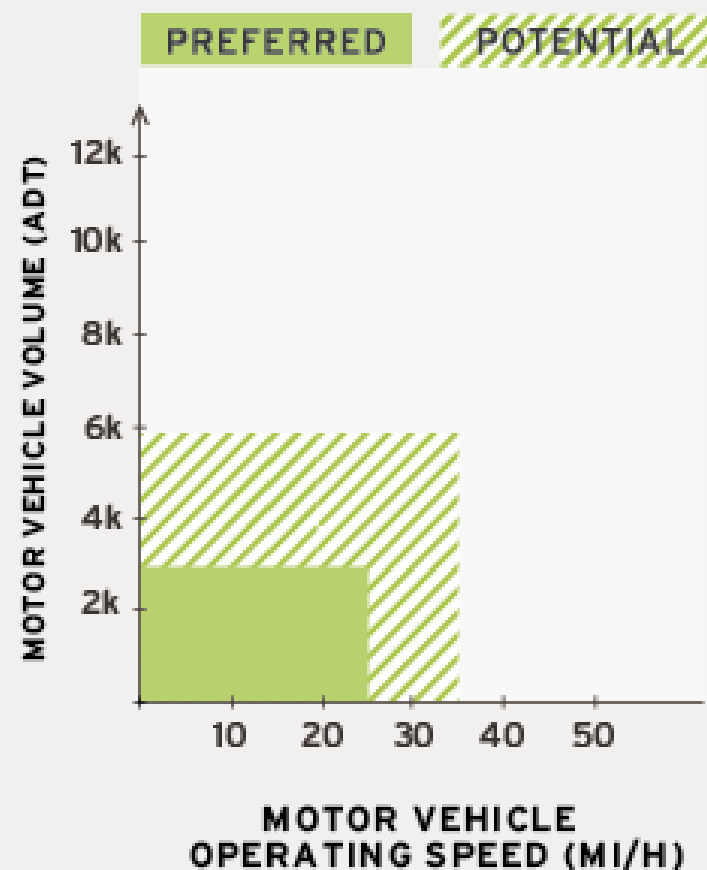
- Mixed Traffic
- Visually Separated
- Physically Separated



EXAMPLE APPLICATION

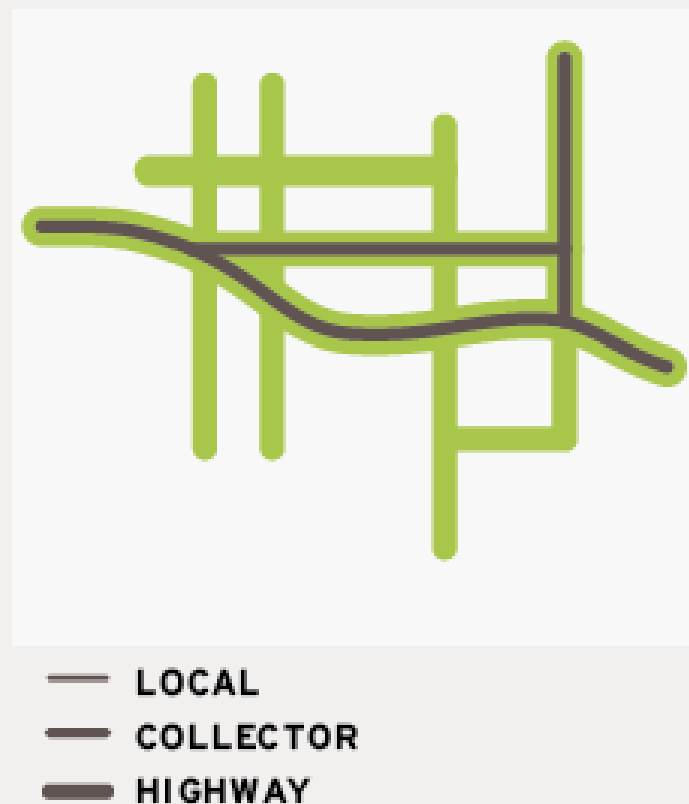
Speed and Volume

Most appropriate on streets with low to moderate volumes and moderate speed motor vehicles.



Network

Applies to constrained connections between built-up areas.

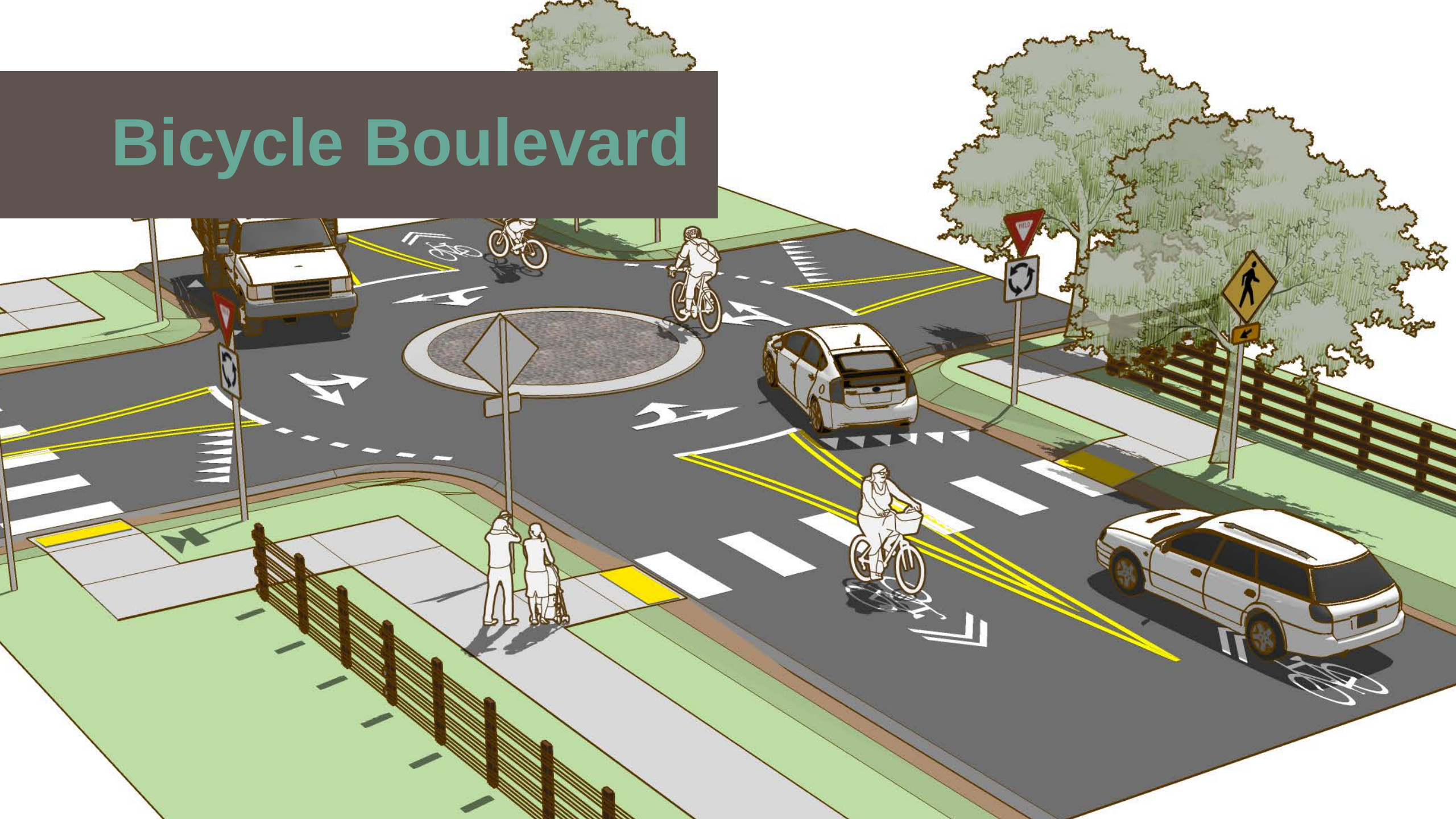


Land Use

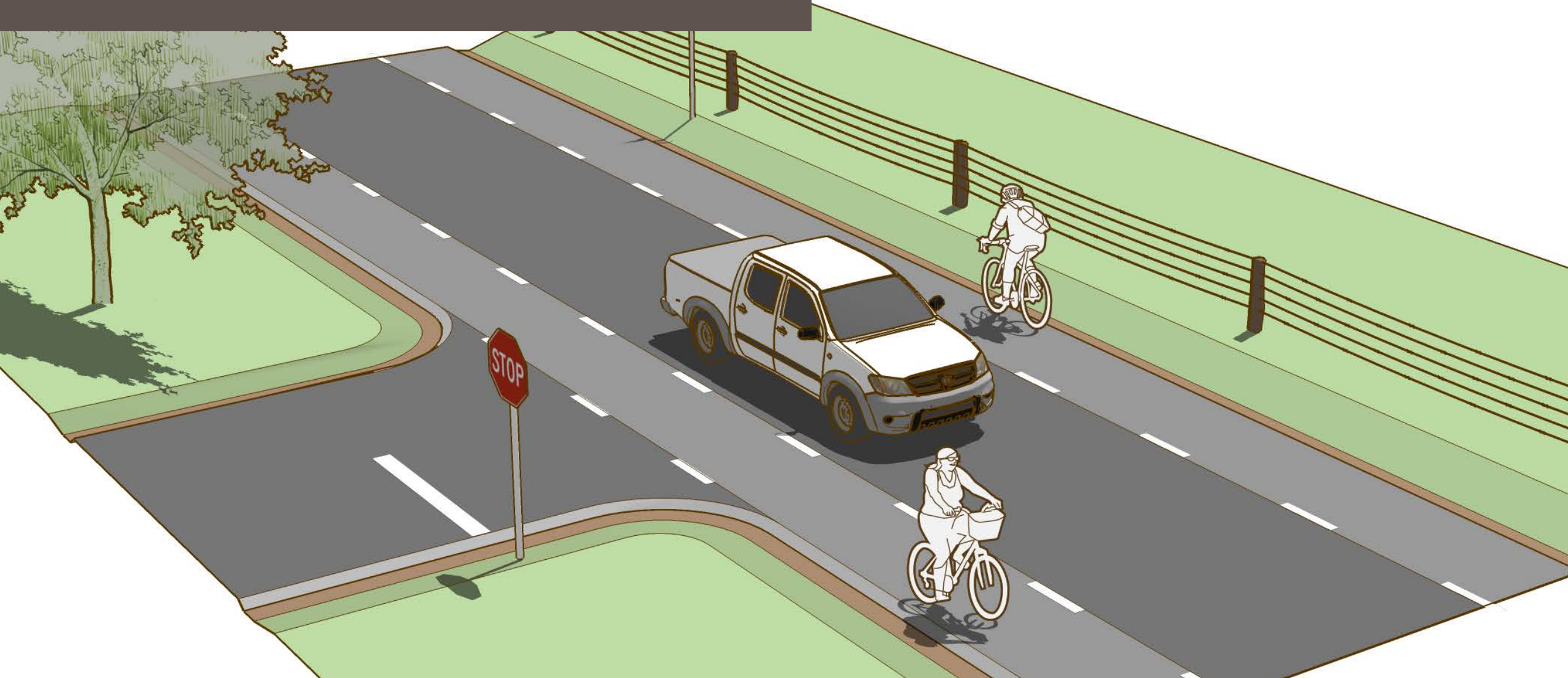
For use outside, between and within built-up areas with bicycle and pedestrian demand and limited available paved roadway surface.



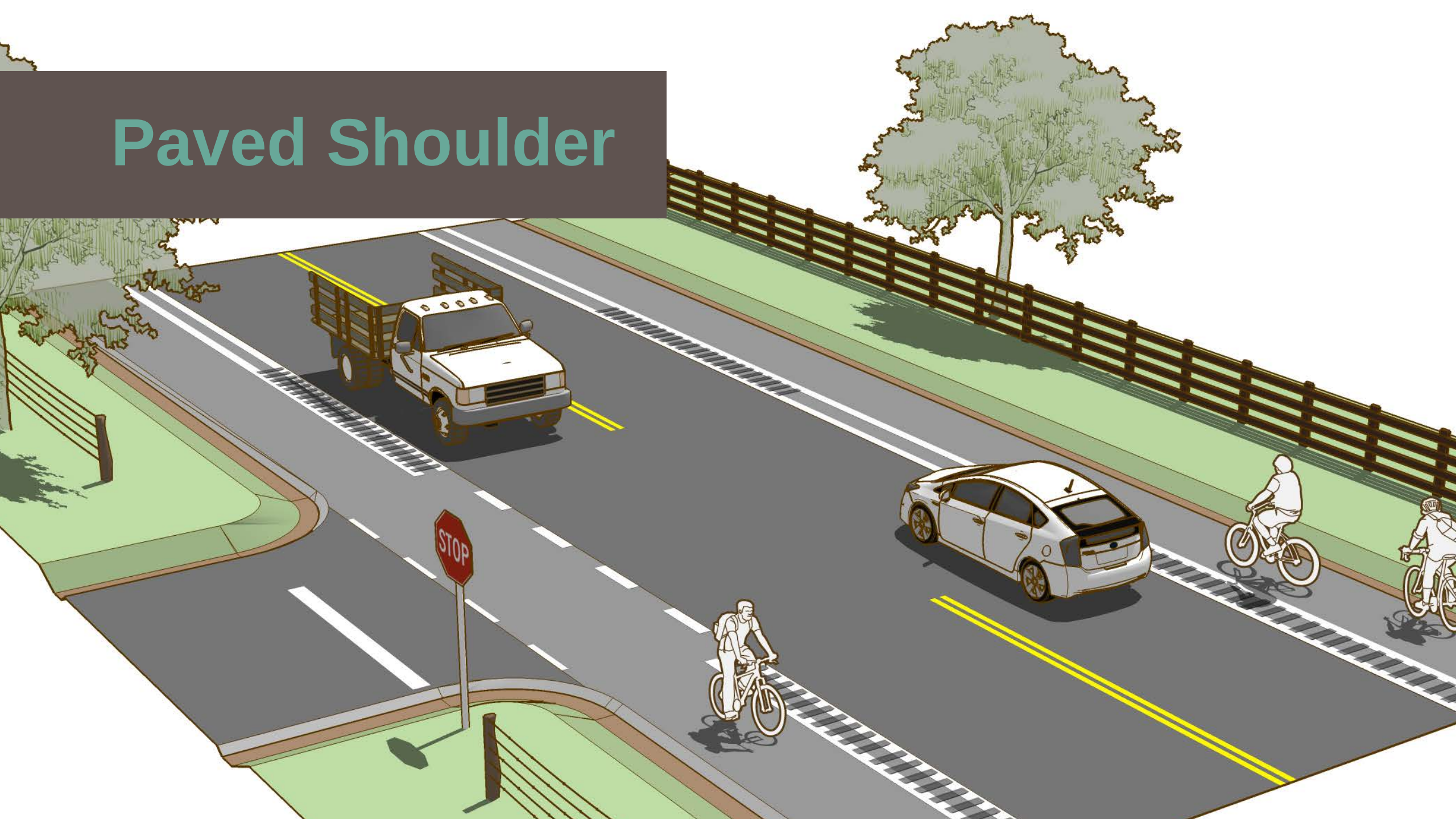
Bicycle Boulevard



Advisory Shoulder



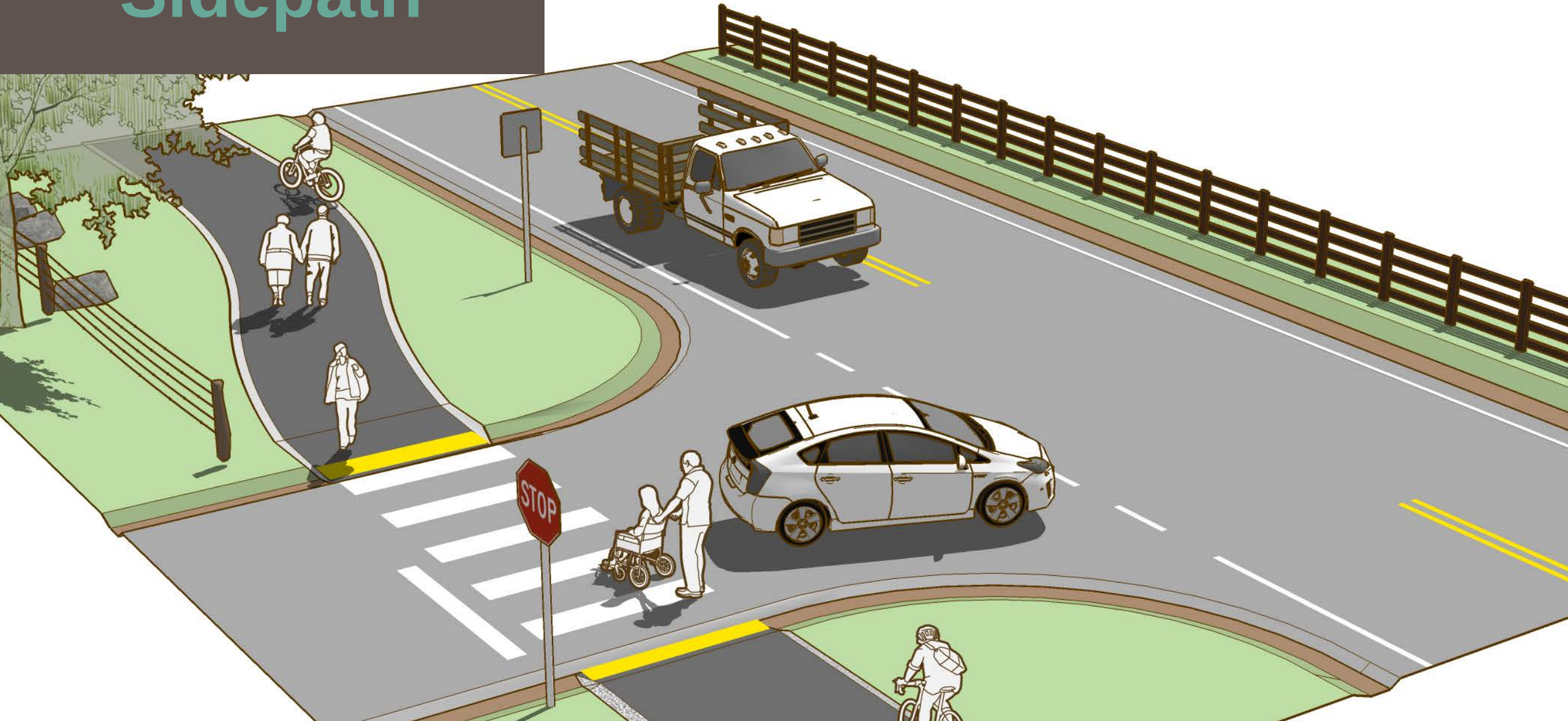
Paved Shoulder





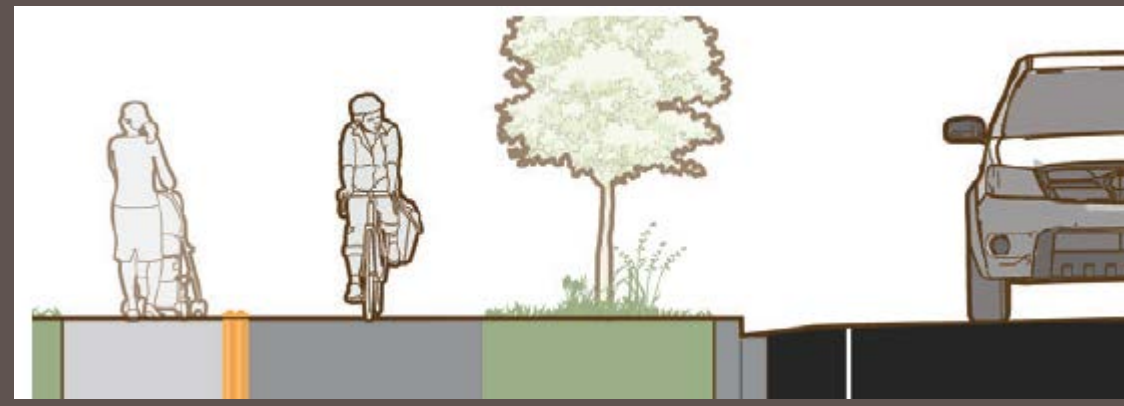
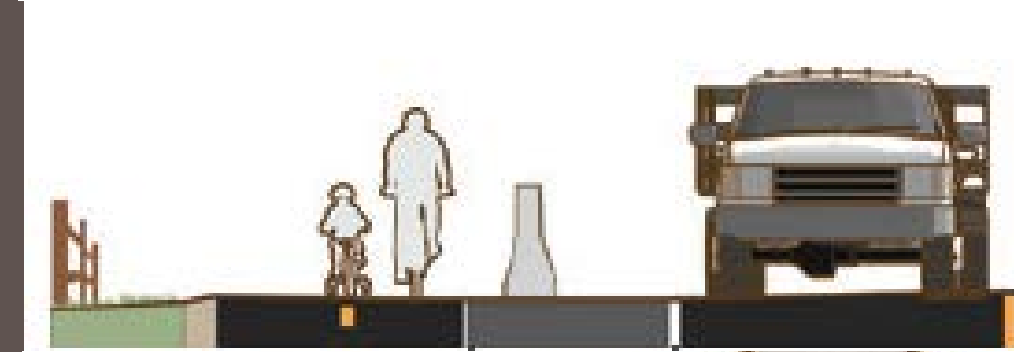
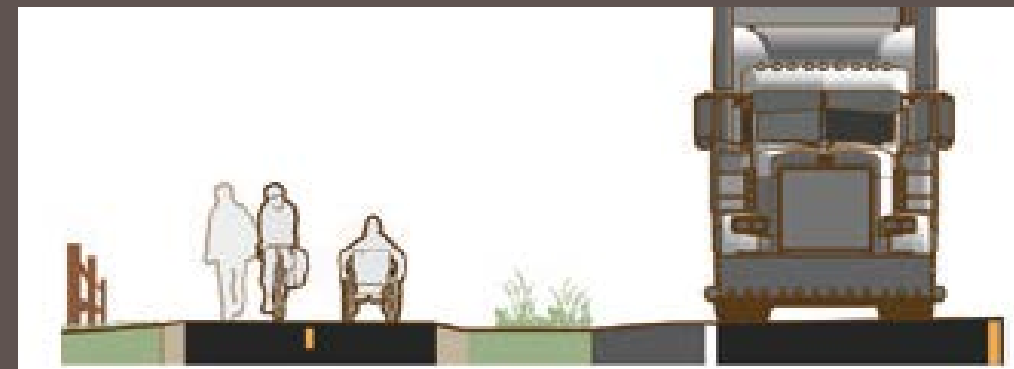
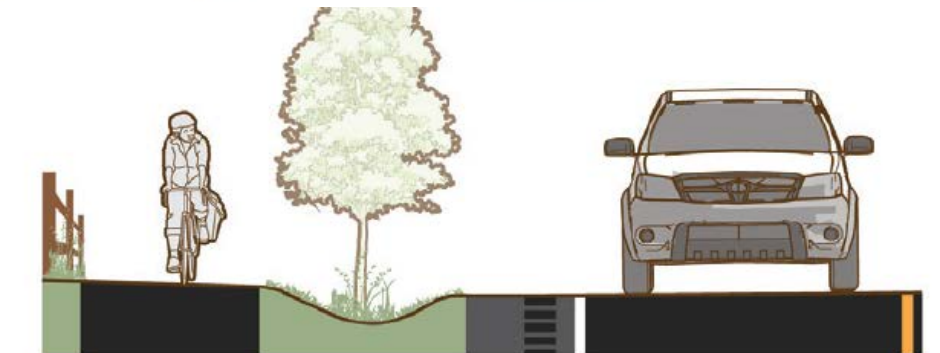
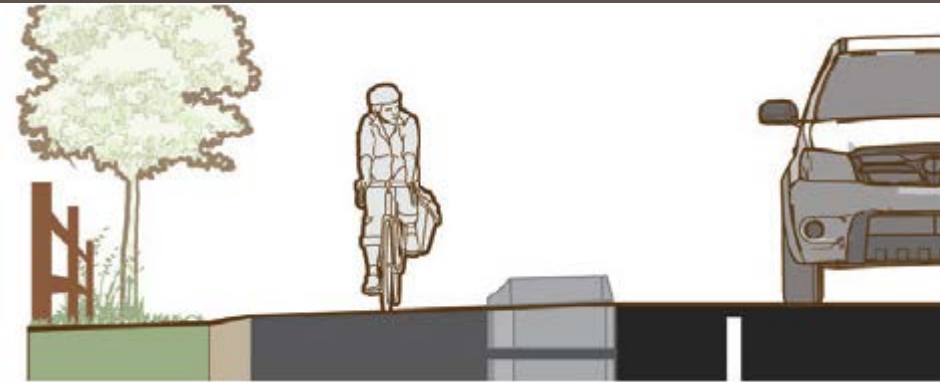
Lyndonville, VT
Population: 1,200

Sidepath



Separation

Options



Website Edition

www.ruraldesignguide.com

Thank you!!!

Steve Bzomowski, AICP
Alta Planning + Design
stephenbzomowski@altaplanning.com