

BICYCLE AND PEDESTRIAN/GREENWAY FACILITIES ELEMENT

7.0 Introduction

Bicycling and walking are viable transportation alternatives throughout many communities within the north Alabama region. Whether for commute or recreational enjoyment, the Huntsville Area Metropolitan Planning Organization (MPO) understands the importance of these activities to ones health, safety and general welfare. Therefore, the Huntsville Area MPO is committed to improving bicycle and pedestrian conditions throughout the region and has adopted bicycle and pedestrian plans aimed at increasing the awareness and benefits of non-motorized modes of travel.

The **Year2035 Transportation Plan** references the bicycle and pedestrian plans adopted by the Huntsville Area MPO. These plans include existing and proposed projects throughout the Huntsville MPO study area and are published as elements of the 2035long range transportation plan in separate documentation. The City of Madison adopted the **City of Madison Greenway and Trail Master Plan** in February 2003 and just recently the City of Huntsville, coordinating with neighboring communities in the MPO study area, adopted the **City of Huntsville Bikeways Plan 2006**and the **City of Huntsville Greenways Plan 2006**.

To encourage the use of alternative means of transportation, these plans collectively will feature linked transportation facilities for bicyclists and pedestrians, encourage community-wide support of educational programs, and promote coordinated bicycle and pedestrian programs and services. The ultimate goal of the Huntsville Metropolitan Planning Area Bicycle and Pedestrian Plan, as shown in **Map 7.1** is to provide bicyclists and pedestrians with a countywide system of non-motorized corridors for safe travel and recreational enjoyment.

7.1 Requirementsfor Bicycle and Pedestrian Travel

Both the Federal Highway Administration (FHWA) and the MPO have established requirements for bicycle and pedestrian travel.

7.1.1 FHWA Requirements

According to FHWA, MPOs must consider at a minimum, accommodating bicycle and pedestrian needs as identified below:

- 23 United States Code 217 states that “Bicyclists and pedestrians shall be given due consideration in the comprehensive transportation plans developed by each metropolitan planning organization and State.”
- FHWA guidance on this issue states that “due consideration” of bicycle and pedestrian needs should include, at a minimum, a presumption that bicyclists and

pedestrians will be accommodated in the design of new and improved transportation facilities. In the planning, design, and operation of transportation facilities, bicyclists and pedestrians should be included as a matter of routine, and the decision not to accommodate them should be the exception rather than the rule. There must be exceptional circumstances for denying bicycle and pedestrian access either by prohibition or by designing highways that are incompatible with safe, convenient walking and bicycling.

Exceptional circumstances are defined below:

- If bicyclists and pedestrians are prohibited by law from using the roadway. In this instance, an effort may be necessary to accommodate bicyclists and pedestrians elsewhere within the right-of-way or within the same transportation corridor.
- If the cost of establishing bikeways or walkways would be excessively disproportionate to the need or probable use. Excessively disproportionate is defined as exceeding twenty percent of the cost of the larger transportation project. This twenty percent figure should be used in an advisory rather than an absolute sense.
- Where sparsity of population or other factors indicate an absence of existing and future need. For example, the Portland Pedestrian Guide requires “all construction of new public streets” to include sidewalk improvements on both sides, unless the street is a cul-de-sac with four or fewer dwellings, or the street has severe topographic or natural resource constraints.

In order to comply with these requirements, the MPO long range transportation plans must, at a minimum:

- Consider the context of the project setting. In other words, MPOs should consider whether the general project area includes features like neighborhoods, shopping, schools, transit, or other facilities likely associated with the needs of bicyclists or pedestrians;
- Consider any evidence of existing, informal bicycle-pedestrian activities. An example could be a worn, dirt path along an existing road;
- Consider any reference to bicycle or pedestrian needs in the planning process for the project area;
- Consider public, agency, or other comments requesting such facilities;
- Include maps and other appropriate documentation; e.g., project listing tables, identifying specific bicycle-pedestrian projects proposed in the long range transportation plan. The maps and documentation should be consistent with the treatment of traditional “highway” projects in the long range transportation plan; and

- Include a policy statement that bicycling and walking facilities will be incorporated into all transportation projects unless exceptional circumstances exist.

7.1.2 Additional Huntsville MPO Requirements

The Huntsville Area MPO has carefully considered the appropriateness of the areas designated for bicycle and pedestrian travel. When planning for new construction and the reconstruction of transportation facilities, the MPO gives full consideration to non-motorized transportation facilities designed for bicyclists and pedestrians. Examples include, but are not limited to the following:

- Sidewalks are required on both sides of newly constructed or widened streets.
- Sidewalk construction shall be required at the time of construction or widening.
- All new roads designed with shoulders will be required to have smooth, paved shoulders. Rumble strips will be optionally applied, if necessary, not to interfere with bicycle use of shoulders.

7.2 List of Planned Bicycle and Pedestrian Projects

In addition other factors are considered in the feasibility of bicycle and pedestrian projects. These factors include traffic volume, connectivity, cost, land acquisition and safety. Currently, the Huntsville Area MPO has federal and local funds allocated for planned transportation enhancement projects aimed at increasing the quality of life for bicyclists and pedestrians. The City of Huntsville, through capital funding, allocates \$200,000 per year in sidewalk construction and sidewalk improvement projects. **Table 7.1** displays the Huntsville MPO future transportation projects in the **Year 2035 Transportation Plan** and how these projects will address or consider bicycle and pedestrian travel. The projects identified in **Section 4**, for which bicycle and pedestrian use are considered, are reflected in **Table 7.1**. M&O projects, or maintenance and operation projects are displayed in this section as well. These projects include the installation of bicycle route signs in order to accommodate bicyclists. **Table 7.2** displays the sidewalk improvement projects that are associated with capacity adding roadway improvements listed in **Section 4** as well as the greenway projects that are committed in the MPO area. Please note that additional projects are reflected in **Tables 7.1** and **7.2** that are not associated with planned road improvements shown in **Section 4**.

Projects listed in **Table 7.1** and **Table 7.2** are identified as paved bike lanes, share the road/bike routes, sidewalks, and greenways (shared use paths). These projects can be further defined as follows:

- **Paved Bike Lane**: A corridor expressly reserved for bicycles existing on a street or roadway in addition to any lanes for motorized vehicles.
- **Share the Road/Bike Routes**: A facility shared with motorists and identified only by signs. A bicycle route has no pavement markings or lane stripes. A street which is recommended for bicycle use but does not have a specific area designated within the right of way.

- Sidewalk: An improved pedestrian surface that is typically located adjacent to a roadway.
- Greenway (Shared Use Path): A linear park, alternative transportation route, or open space conservation area that provides passive recreational opportunities for pedestrian and/or bicycle paths.

All paved bike lanes, share the road/bike routes, and sidewalks will be constructed on both sides of the street. Greenways or shared use paths will be constructed on one side of the street, or will provide a single transportation route beside or near the planned road improvements listed in **Section 4**. Additional details concerning the exact placement of greenways will not be known until engineering design can begin.

Several corridors listed in **Section 4** do not have bicycle or pedestrian facilities associated with their improvement because the projects were under engineering design prior to the FHWA policy regarding the construction of bicycle/pedestrian facilities. These projects are nearing the right of way acquisition phase or utility relocation phase. Paved bike lanes are planned for these locations, but pedestrian facilities are not. These corridors are as follows:

Map No. (Pg. 4-2)	Project Description
1	Ardmore Hwy-AL 53 from Research Park Blvd to Jeff Rd
2	Ardmore Hwy-AL 53 from Jeff Rd to North of Harvest Rd
63	Old Madison Pike from Thornton Industrial Park to Slaughter Road

As mentioned in **Section 4**, several corridors have been identified that cannot accommodate bicycles and pedestrians because the corridor is a limited access or controlled access roadway, or are U.S. routes and carry high volumes of traffic. The cost of constructing the *appropriate* bicycle and pedestrian facilities for these corridors is either legally impossible or cost prohibitive at the present time.

These following corridors are limited or controlled access facilities and do not include bicycle/pedestrian accommodation due to these special circumstances:

Map No. (Pg. 4-2)	Project Description
22	I-565 from Interstate 65 to Wall Triana Highway
23	I-565 Interstate from Oakwood Avenue to High Mountain Rd
24	I-565 Interchange at County Line Rd
25	I-565 Interchange @ Greenbrier Rd
45	Memphis to Atlanta Highway from I-65 to I-565
46	Memphis to Atlanta Highway from Southern Bypass to Marshall County Limits
71	Research Park Blvd and Interchanges from I-565 to Ardmore Highway – AL 53
76	Southern Bypass Ph 1 from I-565 to Martin Rd
77	Southern Bypass Ph 2 from Martin Rd to Weatherly Rd Extension
78	Southern Bypass Ph 3 from Weatherly Rd Extension to U.S 231
92	Weatherly Rd Extension from Memorial Parkway to Southern Bypass

These following corridors are U.S. Routes and carry large volumes of traffic. The cost of constructing appropriate bicycle and pedestrian facilities for these corridors is cost prohibitive at the present time:

Map No. (Pg. 4-2)	<u>Project Description</u>
36	Memorial Parkway Interchange from No. of Whitesburg-So. of Golf Rd @ U.S. 231 South
37	Memorial Parkway Interchange at Mastin Lake Rd
38	Memorial Parkway Interchange at Winchester Road
39	Memorial Parkway Interchange at Meridianville Bottom Rd
40	Memorial Parkway Interchange at Patterson Ln
41	Memorial Parkway Interchange at Walker Ln
42	Memorial Parkway Interchange at Mtn. Gap/Hobbs Rd
43	Memorial Parkway Interchange at Green Cove Rd
44	Memorial Parkway Interchange at Hobbs Island Rd
81	U.S. 72 East/Corridor V Interchange at Moores Mill and Shields Rd
82	U.S. 72 East/Corridor V Interchange at Jordan Rd Extended
83	U.S. 72 East/Corridor V Interchange at Moontown Rd
84	U.S. 72 East/Corridor V Interchange at Brock Rd
85	U.S. 72 East/Corridor V Interchange at Eastern Bypass
86	U.S. 72 East/Corridor V Interchange at High Mountain Rd
87	U.S. 72/University Dr from Providence Main Blvd to County Line Rd
88	U.S. 72/University Dr from County Line Rd to Mooresville Rd

**Table 7.1: Summary of Committed and Future Bicycle Facilities Projects
Within the MPO Study Area**

Map Number (Pg. 4-2)	Bike Rt. Number (Pg. 7-17)	Project	Jurisdiction	Project Type	Project Description
■ Proposed Paved Bike Lanes					
1	N/A	Ardmore Hwy-AL 53 (Ph 1)	City of Huntsville	Capacity	Provide bike lanes from Research Park Blvd to Robins Rd
2	N/A	Ardmore Hwy-AL 53 (Ph 2)	City of Huntsville	Capacity	Provide bike lanes from Jeff Road to McKee Road
3	N/A	Ardmore Hwy-AL 53 (Ph 3)	City of Huntsville	Capacity	Provide bike lanes from North of Harvest Rd to Tennessee State Line
7	20	Beadle Lane	City of Huntsville	Capacity	Provide bike lanes from ZierdtRd to Swancott Rd
8	72	Blake Bottom Rd	City of Huntsville	Capacity	Provide bike lanes from Jeff Rd to Research Park Blvd
9	74	Brock Rd	City of Huntsville	Capacity	Provide bike lanes from US 72E to Ryland Pike
10	21	Browns Ferry Rd	City of Huntsville	Capacity	Provide bike lanes from Mooresville Rd to County Line Rd
11	64	Capshaw Rd	City of Huntsville	Capacity	Provide bike lanes from Jeff Rd to County Line Rd
14	30	Eastern Bypass (Ph 2)	City of Huntsville	Capacity	Provide bike lanes from Quarter Ln to U.S. 72 East
17	11	Greenbriar Rd/ Powell Rd Ext	City of Huntsville	Capacity	Provide bike lanes from North of I-565 to US-72W
18	69	Hobbs Island Rd	City of Huntsville	Capacity	Provide bike lanes from US- 231 to US-431
21	21	Hughes Rd Ext	City of Madison	Capacity	Provide bike lanes from US 72 West to Wall Triana Highway
26	25	Jeff Road Ph 1	City of Huntsville	Capacity	Provide bike lanes from University Dr to Capshaw Rd
27	25	Jeff Road Ph 2	Madison County	Capacity	Provide bike lanes from Capshaw Rd to Douglass Rd
28	25	Jeff Road Ph 2	Madison County	Capacity	Provide bike lanes from Douglass Rd to AL Hwy 53
29	31	Johns Rd	City of Huntsville	Capacity	Provide bike lanes from Plummer Rd to University Dr
30	73	King Drake Road- US 431 Connector	City of Huntsville	Capacity	Provide bike lanes for new road construction from Old Big Cove Rd to King Drake Rd
31	30	Martin Rd	City of Huntsville	Capacity	Provide bike lanes from Zierdt Rd to Laracy Dr
32	30	Martin Rd	City of Huntsville	Capacity	Provide bike lanes from Zierdt Rd to Rideout Rd
47	69	Meridian St	City of Huntsville	Capacity	Provide bike lanes from Winchester Road to Memorial Parkway
48	69	Meridian St Ph 1	City of Huntsville	Capacity	Provide bike lanes from Oakwood Ave to Pratt Ave
50	75	Moontown Rd	City of Huntsville	Capacity	Provide bike lanes from Ryland Pike to US 72E
51	78A	Moores Mill Rd	City of Huntsville	Capacity	Provide bike lanes from Winchester Rd to Northern Bypass

Map Number (Pg. 4-2)	Bike Rt. Number (Pg. 7-17)	Project	Jurisdiction	Project Type	Project Description
■ Proposed Paved Bike Lanes					
52	57	Mount Lebanon	City of Huntsville	Capacity	Provide bike lanes from Grimwood Rd to Northern Bypass
53	64A	Nance Rd	City of Huntsville	Capacity	Provide bike lanes from University Dr to Capshaw Rd
54	80	Northern Bypass Ph 2	City of Huntsville	Capacity	Provide bike lanes from East of Pulaski Pike to US 231 N
55	80	Northern Bypass Ph 3	City of Huntsville	Capacity	Provide bike lanes from US 231 N to Moores Mill Rd
56	80	Northern Bypass Ph 4	City of Huntsville	Capacity	Provide bike lanes from Moores Mill Rd to Winchester Rd
57	80	Northern Bypass Ph 5	City of Huntsville	Capacity	Provide bike lanes from Winchester Road to US 72E
58	64	Oakwood Rd	City of Huntsville	Capacity	Provide bike lanes from Adventist Blvd to Research Park Blvd
59	81	Old Hwy 431	City of Huntsville	Capacity	Provide bike lanes from US 431 S to North of Wilson Mann Rd
60	71	Old Big Cove Rd	City of Huntsville	Capacity	Provide bike lanes from US 431 S to Sutton Rd
61	71	Old Big Cove Rd	City of Huntsville	Capacity	Provide bike lanes from South Green Mountain Road to Hwy 431
62	20	Old Hwy 20	City of Huntsville	Capacity	Provide bike lanes from Greenbriar Rd to County Line Rd
63	50	Old Madison Pike	City of Huntsville	Capacity	Provide bike lanes from Thornton Industrial Park to Slaughter Rd
65	15	Old Railroad Bed Rd Ph 1	City of Huntsville	Capacity	Provide bike lanes from U.S 72 W to Capshaw Rd
66	15	Old Railroad Bed Rd Ph 2	City of Huntsville	Capacity	Provide bike lanes from Capshaw Road to AL Hwy 53
67	N/A	Patton Rd	City of Huntsville	Capacity	Provide bike lanes from Aerobee Rd to Redstone Rd
68	70	Plummer Rd	City of Huntsville	Capacity	Provide bike lanes from Research Park Blvd to Indian Creek Rd
70	11	Powell Rd	City of Huntsville	Capacity	Provide bike lanes from Powell Rd to Browns Ferry Rd
72	70	Ryland Pike	City of Huntsville	Capacity	Provide bike lanes from US 72 E to Northern Bypass
74	74A	Shields Rd	City of Huntsville	Capacity	Provide bike lanes from Jordan Ln to Winchester Rd
75	25	Slaughter Rd	City of Huntsville	Capacity	Provide bike lanes from Madison Blvd to US 72W
80	20	Swancott Rd	City of Huntsville	Capacity	Provide bike lanes from I-565 to County Line Rd
90	19	Wall Triana Highway	City of Madison	Capacity, Maintenance & Operations	Provide bike lanes and install "Share the Road" signage from US 72 W to Capshaw Rd

Map Number (Pg. 4-2)	Bike Rt. Number (Pg. 7-17)	Project	Jurisdiction	Project Type	Project Description
■ Proposed Paved Bike Lanes					
91	19	Wall Triana Highway	City of Madison	Capacity, Maintenance & Operations	Provide bike lanes and install "Share the Road" signage from Capshaw Rd to Yarborough Rd
93	76	Winchester Rd Ph 2	City of Huntsville	Capacity	Provide bike lanes from Dominion Cr to Naugher Rd
94	76	Winchester Rd Ph 3	City of Huntsville	Capacity	Provide bike lanes from Naugher Rd to Bell Factory Rd
95	76	Winchester Rd Ph 4	City of Huntsville	Capacity	Provide bike lanes from Bell Factory Rd to Maysville Rd
■ Proposed Share the Road/Bike Route Projects					
6	17	Balch Rd Ext	City of Madison	Maintenance & Operations	Install "Share the Road" signage from Browns Ferry Rd to Madison Blvd
12	59A	Church St	City of Huntsville	N/A	Bike route already exists from Monroe Street to Oakwood Ave
13	52	Dug Hill Rd	City of Huntsville	N/A	Bike route already exists from 431 to Broad Armstrong
99	N/A	Zierdt Rd/Kellner Rd Corridor	City of Madison	Capacity	Install "Share the Road" signage along extended Kellner Rd to Zierdt Rd
19	69A	Homer Nance Rd	Madison County	Maintenance & Operations	Install "Share the Road" signage from Jordan Rd to Winchester Rd
20	21	Hughes Rd	City of Madison	Maintenance & Operations	Install "Share the Road" signage from Madison Blvd to US 72W
30	74	Jordan Rd Ph 1	Madison County	Maintenance & Operations	Install "Share the Road" signage from Homer Nance Rd to US 72 East
31	75	Jordan Rd Ph 2	Madison County	Maintenance & Operations	Install "Share the Road" signage from Moores Mill Rd to Homer Nance Rd
35	70	Maysville Rd Connector	City of Huntsville	Maintenance & Operations	Install "Share the Road" signage from Maysville Rd to Epworth Dr
64	50	Old Madison Pike	City of Madison	Maintenance & Operations	Install "Share the Road" signage from Hughes Rd to Slaughter Rd
N/A	50	Drake Ave	City of Huntsville	Maintenance & Operations	Install "Share the Road" signage from Memorial Parkway to Garth Rd
N/A	69	Garth Rd	City of Huntsville	Maintenance & Operations	Install "Share the Road" signage from Drake Ave to Four Mile Post Rd
N/A	73	Terry Drake Rd	City of Huntsville	Maintenance & Operations	Install "Share the Road" signage from Old Big Cove Rd to Taylor Rd
N/A	73	Taylor Rd	City of Huntsville	Maintenance & Operations	Install "Share the Road" signage from Sutton Rd to Terry Drake Rd
N/A	73	James Rd	City of Huntsville	Maintenance & Operations	Install "Share the Road" signage from Sutton Rd to Miller Ln

Map Number (Pg. 4-2)	Bike Rt. Number (Pg. 7-17)	Project	Jurisdiction	Project Type	Project Description
■ Proposed Share the Road/Bike Route Projects					
N/A	73A	Miller/ Caldwell Ln	City of Huntsville	Maintenance & Operations	Install "Share the Road" signage from James Rd to King Drake Rd
N/A	22	Mountain Gap Rd	City of Huntsville	Maintenance & Operations	Install "Share the Road" signage from Memorial Parkway to Todd Mill Rd
N/A	52	Dug Hill Rd	City of Huntsville	Maintenance & Operations	Install "Share the Road" signage from US 431S to King Drake Rd
N/A	52	Dug Hill Rd	City of Huntsville	Maintenance & Operations	Install Bike Route signs from US 72 E south to Caldwell Ln
N/A	70	Plummer Rd	City of Huntsville	Maintenance & Operations	Install "Share the Road" signage from Indian Creek Rd to Jordan Ln
N/A	70	Grizzard Rd	City of Huntsville	Maintenance & Operations	Install "Share the Road" signage from Jordan Ln to Brookline Dr
N/A	70	Chapman Dr	City of Huntsville	Maintenance & Operations	Install "Share the Road" signage from Rueben Dr to Gladstone Dr
N/A	15	County Line Rd	City of Madison	Maintenance & Operations	Install "Share the Road" signage from US 72W to Madison Blvd
N/A	24	Gillespie Rd	City of Madison	Maintenance & Operations	Install "Share the Road" signage from County Line Rd to Hughes Rd
N/A	N/A	Palmer Rd	City of Madison	Maintenance & Operations	Install "Share the Road" signage from County Line Rd to Balch Rd extension
N/A	N/A	Kellner Rd	City of Huntsville	Maintenance & Operations	Install "Share the Road" signage from Wall Triana Hwy to beginning of Kellner Rd's Extension
N/A	19	Sullivan St	City of Madison	Maintenance & Operations	Install "Share the Road" signage from Dublin St to Mill Rd
N/A	25	Zierdt Rd, Shelton Rd Ext.	City of Madison	Maintenance & Operations	Install "Share the Road" signage from Madison City Limits to Old Madison Pike
N/A	69	Bailey Cove Rd	City of Huntsville	Maintenance & Operations	Install Bike Route signs from Four-Mile Post Rd south to Hobbs Island Rd
N/A	53	Bell Rd	City of Huntsville	Maintenance & Operations	Install Bike Route signs from Redstone Rd south to Green Cove Rd
N/A	31	Johns Rd, Enterprise Way, Explorer Blvd	City of Huntsville	Maintenance & Operations	Install Bike Route signs from Old Monrovia to Old Madison Pike
N/A	64	Oakwood Ave, High Mountain Rd	City of Huntsville	Maintenance & Operations	Install Bike Route signs from Maysville Rd to High Mountain Rd
N/A	51	Maysville Rd	City of Huntsville	Maintenance & Operations	Install Bike Route signs from US72E South to Pratt Ave
N/A	69	Green Cove Rd	City of Huntsville	Maintenance & Operations	Install Bike Route signs from Bailey Cove west to Bell Rd

Map Number (Pg. 4-2)	Bike Rt. Number (Pg. 7-17)	Project	Jurisdiction	Project Type	Project Description
■ Proposed Share the Road/Bike Route Projects					
N/A	60	Monroe Street, Green Cove Road	City of Huntsville	Maintenance & Operations	Install Bike Route signs from Monroe St south on Church/ Gallatin, south on Bonita/Hastings/Homewood/ Chateau/ Queensbury/ Cadillac/Todd Mill/ Chaney Thompson Rd to Green Cove Rd
N/A	30	Four Mile Post, Cecil Ashburn Way, Sutton Road	City of Huntsville	Maintenance & Operations	Install Bike Route signs Whitesburg east to Old 431 South
N/A	50	Old Madison Pike	City of Huntsville	Maintenance & Operations	Install Bike Route signs from Wynn Dr east to 9 th Ave to Seminole Dr
N/A	51	Cedar St, Gladstone Dr	City of Huntsville	Maintenance & Operations	Install Bike Route signs from Cedar St, north on Alpine, east on Holly Ave, north on Triana Blvd, northeast on Hall Ave, south on Derrick St, east on Clinton Ave, north on Maysville Rd to Gladstone Dr
N/A	74	Chase Rd, Jordan Rd	City of Huntsville	Maintenance & Operations	Install Bike Route signs from Meridian St east to Homer Nance Rd
N/A	76	Winchester Rd	City of Huntsville	Maintenance & Operations	Install Bike Route signs from Pulaski Pike east to Moores Mill Rd
N/A	60	Bankhead Parkway	City of Huntsville	Maintenance & Operations	Install Bike Route signs from Maysville Rd east to Nolen Ave
N/A	22	Mountain Gap Rd	City of Huntsville	Maintenance & Operations	Install Bike Route signs from Bailey Cove west thru Memorial Parkway to English Dr west to St. Alban Dr
N/A	60A	Farrow Rd	City of Huntsville	Maintenance & Operations	Install Bike Route signs from Slaughter Rd east to Explorer Blvd to Voyager Way
N/A	70	Old Gurley Rd, Harris Hill, Mastin Lake Rd	City of Huntsville	Maintenance & Operations	Install Bike Route signs from US 72E west to Maysville Rd south to Quietdale Ave, west to Max Luther Dr to Blue Spring Road, north on Millbrook to Broadview/Pulaski Pike, north to Grizzard Rd , north to Mastin Lake Rd
N/A	74	Dan Tibbs Rd, Stringfield Rd	City of Huntsville	Maintenance & Operations	Install Bike Route signs from Indian Creek Rd east to Blue Springs Rd
N/A	40	Patton Rd, ChadwellDr	City of Huntsville	Maintenance & Operations	Install Bike Route signs from Patton Rd , east on Telstar Cr, east on Centaur Blvd, north on Squaw Valley, east on GrundenDr, north in Conger Rd, north on McCalley Pl, east on Village Dr, south on Triana Blvd, east on Johnson Rd, east on Airport Rd, south on Balmoral, east on Breckenridge Dr to ChadwellDr

Map Number (Pg. 4-2)	Bike Rt. Number (Pg. 7-17)	Project	Jurisdiction	Project Type	Project Description
■ Proposed Share the Road/Bike Route Projects					
N/A	69	Wade Mtn. Preserve-Aldridge Creek	City of Huntsville	Maintenance & Operations	Install Bike Route signs from Hollow Rd south on Meridian/Greene/Franklin and Hastings, east on Drake, south on Garth, east on Four Mile Post to Bailey Cove, south to Mountain Gap
N/A	74	Governors House Dr-Stringfield Rd	City of Huntsville	Maintenance & Operations	Install Bike Route signs from Sparkman Dr, east on Technology Dr, north on South Loop Rd, east on Putnam Dr, north on Jordan Ln, east on Sparkman Dr, north on Aspen Dr, north on Grizzard Rd, north on Rosedale Dr to Stringfield Rd
N/A	49	Village Dr/Holmes Ave	City of Huntsville	Maintenance & Operations	Install Bike Route signs from Village Dr, north on McCalley Pl, east on Archer Dr, north on Lemley Pl, east on Drake Ave, north on Alpine Dr, west Gesman Pl, north on Atlantic St, west on 10 th Ave and north on 14 th St to Holmes Ave

■ All Proposed Bike Lane and Proposed Share the Road/Bike Route Projects are shown on **Map 7.1**. Bicycle facilities that are associated with proposed road improvements are indicated by map number. As mentioned in this Section, additional bicycle facility projects have been identified that do not correlate directly with proposed road improvement projects.

All projects highlighted in blue are financially constrained projects. All projects highlighted in red are visionary projects. The cost of constructing bike lanes and/or providing signage for the above projects have already been incorporated in the total cost of the road improvement projects shown on page 4-2. Project costs are detailed in **Section 10**. The cost of constructing bike lanes or providing signage for the above projects not associated with any road improvement listed on page 4-2 is provided as well in **Section 10**.

**Table 7.2: Summary of Committed and Future Pedestrian Enhancement Projects
Within the MPO Study Area**

Map Number (Pg. 4-2)	Project	Jurisdiction	Project Type	Project Description
Sidewalks				
3	Ardmore Hwy-AL 53 Ph 3	City of Huntsville	Capacity	Provide sidewalks from North of Harvest Rd to Tennessee State Line
6	Balch Rd Ext	City of Madison	Capacity	Provide sidewalks from Browns Ferry Rd to Madison Blvd
7	Beadle Ln	City of Huntsville	Capacity	Provide sidewalks from Zierdt Rd to Swancott Rd
8	Blake Bottom Rd	City of Huntsville	Capacity	Provide sidewalks from Jeff Rd to Research Park Blvd
9	Brock Rd	City of Huntsville	Capacity	Provide sidewalks from US 72E to Ryland Pike
10	Browns Ferry Rd	City of Huntsville	Capacity	Provide sidewalks from Mooresville Rd to County Line Rd
11	Capshaw Rd	City of Huntsville	Capacity	Provide sidewalks from Jeff Rd to County Line Rd
12	Church St	City of Huntsville	Capacity	Provide sidewalks from Monroe St to Oakwood Ave
13	Dug Hill Rd	City of Huntsville	Capacity	Provide sidewalks from Broad Armstrong Dr to U.S. 431
14	Eastern Bypass Ph 2	City of Huntsville	Capacity	Provide sidewalks from Quarter Ln to U.S. 72 East
17	Greenbriar Rd/ Powell Rd Ext	City of Huntsville	Capacity	Provide sidewalks from North of I-565 to US-72W
18	Hobbs Island Rd	City of Huntsville	Capacity	Provide sidewalks from US- 231 to US-431
19	Homer Nance Rd	Madison County	Capacity	Provide sidewalks from Jordan Rd to Winchester Rd
20	Hughes Rd	City of Madison	Capacity	Provide sidewalks from Old Madison Pike to U.S 72 East
21	Hughes Rd Ext	City of Madison	Capacity	Provide sidewalks from US 72 West to Wall Triana Hwy
26	Jeff Rd Ph 1	City of Huntsville	Capacity	Provide sidewalks from University Dr to Capshaw Rd
27	Jeff Rd Ph 2	Madison County	Capacity	Provide sidewalks from Capshaw Rd to Douglass Rd
28	Jeff Road Ph 3	Madison County	Capacity	Provide sidewalks from Douglass Rd to AL Hwy 53
29	Johns Rd	City of Huntsville	Capacity	Provide sidewalks from Plummer Rd to University Dr
30	Jordan Rd Ph 1	Madison County	Capacity	Provide sidewalks from Homer Nance Rd to US 72 East
31	Jordan Rd Ph 2	Madison County	Capacity	Provide sidewalks from Moores Mill Rd to Homer Nance Rd
32	King Drake Rd- US 431 Connector	City of Huntsville	Capacity	Provide sidewalks for new road construction from Old Big Cove Rd to King Drake Rd
33	Martin Rd	City of Huntsville	Capacity	Provide sidewalks from Zierdt Rd to Laracy Dr
34	Martin Rd	City of Huntsville	Capacity	Provide sidewalks from Zierdt Rd to Rideout Rd
35	Maysville Rd Connector	City of Huntsville	Capacity	Provide sidewalks from Maysville Rd to Epworth Dr
48	Meridian St Ph 1	City of Huntsville	Capacity	Provide sidewalks from Oakwood Ave to Pratt Ave

Map Number (Pg. 4-2)	Project	Jurisdiction	Project Type	Project Description
Sidewalks				
50	Moontown Rd	City of Huntsville	Capacity	Provide sidewalks from Ryland Pike to US 72E
51	Moore's Mill Rd	City of Huntsville	Capacity	Provide sidewalks from Winchester Rd to Northern Bypass
52	Mount Lebanon Rd	City of Huntsville	Capacity	Provide sidewalks from Grimwood Rd to Northern Bypass
53	Nance Rd	City of Huntsville	Capacity	Provide sidewalks from University Dr to Capshaw Rd
54	Northern Bypass Ph 2	City of Huntsville	Capacity	Provide sidewalks from East of Pulaski Pike to US 231 N
55	Northern Bypass Ph 3	City of Huntsville	Capacity	Provide sidewalks from US 231 N to Moore's Mill Rd
56	Northern Bypass Ph 4	City of Huntsville	Capacity	Provide sidewalks from Moore's Mill Rd to Winchester Rd
57	Northern Bypass Ph 5	City of Huntsville	Capacity	Provide sidewalks from Winchester Rd to US 72E
58	Oakwood Rd	City of Huntsville	Capacity	Provide sidewalks from Adventist Blvd to Research Park Blvd
59	Old Hwy 431	City of Huntsville	Capacity	Provide sidewalks from US 431 S to North of Wilson Mann Rd
60	Old Big Cove Rd	City of Huntsville	Capacity	Provide sidewalks from US 431 S to Sutton Rd
61	Old Big Cove Rd	City of Huntsville	Capacity	Provide sidewalks from South Green Mountain Rd to Hwy 431
62	Old Hwy 20	City of Huntsville	Capacity	Provide sidewalks from Greenbriar Rd to County Line Rd
65	Old Railroad Bed Rd Ph 1	City of Huntsville	Capacity	Provide sidewalks from U.S 72 W to Capshaw Rd
66	Old Railroad Bed Rd Ph 2	City of Huntsville	Capacity	Provide sidewalks from Capshaw Road to AL Hwy 53
67	Patton Rd	City of Huntsville	Capacity	Provide sidewalks from Aerobee Rd to Redstone Rd
68	Plummer Rd	City of Huntsville	Capacity	Provide sidewalks from Research Park Blvd to Indian Creek Rd
70	Powell Rd	City of Huntsville	Capacity	Provide sidewalks from Powell Rd to Browns Ferry Rd
72	Ryland Pike	City of Huntsville	Capacity	Provide sidewalks from US 72 E to Northern Bypass
74	Shields Road	City of Huntsville	Capacity	Provide sidewalks from Jordan Ln to Winchester Rd
75	Slaughter Rd	City of Huntsville	Capacity	Provide sidewalks from Madison Blvd to US 72W
80	Swancott Rd	City of Huntsville	Capacity	Provide sidewalks from I-565 to County Line Rd
90	Wall Triana Hwy	City of Madison	Capacity	Provide sidewalks from US 72 W to Capshaw Rd
91	Wall Triana Hwy	City of Madison	Capacity	Provide sidewalks from Capshaw Rd to Yarborough Rd
93	Winchester Rd Ph 2	City of Huntsville	Capacity	Provide sidewalks from Dominion Cr to Naugher Rd
94	Winchester Rd Ph 3	City of Huntsville	Capacity	Provide sidewalks from Naugher Rd to Bell Factory Rd
95	Winchester Rd Ph 4	City of Huntsville	Capacity	Provide sidewalks from Bell Factory Rd to Maysville Rd
99	Zierdt Rd/Kellner Rd Corridor	City of Madison	Capacity	Provide sidewalks from Kellner Rd to Zierdt Rd

Map Number (Pg. 4-2)	Project	Jurisdiction	Project Type	Project Description
∞ Greenways (Shared Use Paths)				
4&5	Balch Rd Greenway	City of Madison	Enhancement Unclassified	2.89 mile path from Browns Ferry Rd to US 72. Coincides with road project #4 and a portion of #5: Balch Rd widening from Browns Ferry Rd to Gooch Ln, and Balch Rd from Gooch Ln to Capshaw Rd
16	Mill Creek Greenway & Trail	City of Madison	Enhancement Unclassified	1 mile, asphalt, 2 mile natural trail from Hughes Rd to Browns Ferry Rd. Greenway project compliments road project # 16: EastviewDr Extension from Hughes Rd to Sullivan St
79	Sullivan St Greenway	City of Madison	Enhancement Unclassified	.5 mile path from Royal St to Front St. This also correlates to Bike Route 50 shown on Map 7.1
89	Wall Triana Highway Greenway	City of Madison	Enhancement Unclassified	3.6 mile multi-use path from Mill Rd to US 72
96& 97	Zierdt Rd Greenway	City of Huntsville	Enhancement Unclassified	8.75 mile, 12-ft wide asphalt multi-use path from Slaughter Rd to Wheeler National Wildlife Refuge. Includes greenway at Zierdt Rd from Madison Blvd to South of Martin Rd and Zierdt Rd from South of Martin Rd to Beadle Ln.
98	Zierdt Rd Greenway, Ph 2	City of Madison	Enhancement Unclassified	.8 mile , 12 ft wide asphalt multi-use path on Zierdt Rd from ¼ mile north of Madison Blvd to Old Madison Pike
15	EastviewDr Greenway	City of Madison	Enhancement Unclassified	2.1 mile greenway from West of Slaughter Rd to Hughes Rd. Includes project #15: Eastview Drive from Slaughter Road to Hughes Road
64	Old Madison Pike Greenway	City of Madison	Enhancement Unclassified	2.77 mile greenway from Browns Ferry Rd to Slaughter Rd. Includes project of Old Madison Pike from Hughes Rd to Slaughter Rd. Also is shown as Bike Route 50 on Map 7.1.
49	Mill Rd Greenway	City of Madison	Enhancement Unclassified	1.07 mile greenway from Sullivan St to Hughes Rd. Includes the parameters of project #53: Mill Rd from Hughes Rd to County Line Rd.
69	Portal Ln Greenway (Ph 2)	City of Madison	Enhancement Unclassified	.5 mile greenway (multi-use path) from Shelton Rd to Portal Ln Extension
73	Shelton Rd Greenway	City of Madison	Enhancement Unclassified	.81 mile greenway from Old Madison Pike to Madison Blvd. Includes the parameters of project #73: Shelton Road from Madison Blvd to ¼ mile north of Madison Blvd.
N/A	Bradford Creek Greenway Phase II	City of Madison	Enhancement Unclassified	1 ½ mile, asphalt multi-use path, from Palmer Park to Westchester Rd
N/A	Aldridge Creek Greenway II	City of Huntsville	Enhancement Unclassified	1.0 mile from Four Mile Post Rd to Mira Vista Dr
N/A	Barren Fork/ Miller Branch Greenway	City of Huntsville	Enhancement Unclassified	5.75 mile, 12-ft wide asphalt multi-use path from Martin Rd to Wheeler National Wildlife Refuge
N/A	Betts Spring Branch Greenway	City of Huntsville	Enhancement Unclassified	2.5 mile, 12-ft wide asphalt multi-use path from Zierdt Rd to Martin Rd
N/A	Big Cove Greenway	City of Huntsville	Enhancement Unclassified	8.0 mile, 12-ft wide asphalt multi-use path from Flint River to Monte Sano State Park
N/A	Big Spring Greenway	City of Huntsville	Enhancement Unclassified	3.5 mile, 12-ft wide asphalt multi-use path from Big Spring Park to Monte Sano Mountain
N/A	Blevins Gap Greenway	City of Huntsville	Enhancement Unclassified	4.5 mile, 12-ft wide asphalt multi-use path from Big Cove Creek to Bailey Cove Rd
N/A	Blue Creek Greenway	City of Huntsville	Enhancement Unclassified	3.5 mile, 12-ft wide asphalt multi-use path from Big Spring Park to Monte Sano Reserve.

Map Number (Pg. 4-2)	Project	Jurisdiction	Project Type	Project Description
∞ Greenways (Shared Use Paths)				
N/A	Blue Spring Creek Greenway	City of Huntsville	Enhancement Unclassified	2.5 mile, 12-ft wide asphalt multi-use path from Pinhook Creek to Pulaski Pike.
N/A	Brogan Branch N. Greenway	City of Huntsville	Enhancement Unclassified	1.5 mile, 12-ft wide asphalt multi-use path from Stoner Park to Sparkman Dr
N/A	Brogan Branch S. Greenway	City of Huntsville	Enhancement Unclassified	1.25 mile, 12-ft wide asphalt multi-use path from Holmes Ave to Huntsville Spring Branch.
N/A	Chapman Mountain Greenway	City of Huntsville	Enhancement Unclassified	3.0 mile, 12-ft wide asphalt multi-use from north section of Monte Sano State Park to Alabama A&M University.
N/A	Dallas Branch Greenway	City of Huntsville	Enhancement Unclassified	.5 mile, 12-ft wide asphalt multi-use path from Pinhook Creek to abandoned L&N railroad corridor.
N/A	Dry Creek Greenway	City of Huntsville	Enhancement Unclassified	6.25 mile, 12-ft wide asphalt multi-use path from Providence Main to Pulaski Pike
N/A	Huntsville Spring Branch Greenway	City of Huntsville	Enhancement Unclassified	10 mile, 12-ft wide asphalt multi-use path from Tenn. River to Holmes Ave.
N/A	Indian Creek Greenway Ph II-III	City of Huntsville	Enhancement Unclassified	1.5 mile, 12-ft wide asphalt multi-use path from Creekwood Park to Providence Elementary School.
N/A	Knox Creek Greenway	City of Huntsville	Enhancement Unclassified	3.5 mile, 12-ft wide asphalt multi-use path from Wall Triana Hwy to Limestone Creek.
N/A	Limestone Creek Greenway	City of Huntsville	Enhancement Unclassified	14 mile, 12-ft wide asphalt multi-use path from AL Hwy 20 to Nick Davis Rd
N/A	McDonald Creek Greenway	City of Huntsville	Enhancement Unclassified	3.0 mile, 12-ft wide asphalt multi-use path from Redstone Arsenal boundary to Alabama Space and Rocket Center.
N/A	Pinhook Creek Greenway Ph 1	City of Huntsville	Enhancement Unclassified	3.0 mile, 12-ft wide asphalt multi-use path from Holmes Ave to Lakewood Elementary School.
N/A	Pinhook Creek Greenway Ph 2	City of Huntsville	Enhancement Unclassified	1.25 mile, 12-ft wide asphalt multi-use path from Medaris Rd to Wade Mountain.
N/A	Smithers Mountain Greenway	City of Huntsville	Enhancement Unclassified	4.0 mile, 12-ft wide asphalt multi-use path from Edmonton Heights Park to Spragins Hollow Rd
N/A	Spacewalk Greenway Ph 1	City of Huntsville	Enhancement Unclassified	5.5 mile, 12-ft wide asphalt multi-use path from Blevins Gap to Monte Sano State Park
N/A	Spacewalk Greenway Ph 2	City of Huntsville	Enhancement Unclassified	5.0 mile, 12-ft wide asphalt multi-use path from Blevins Gap to Madison County Nature Trail
N/A	Spacewalk Greenway Ph 3	City of Huntsville	Enhancement Unclassified	3.5 mile, 12-ft wide asphalt multi-use path from Space Walk Phase II to Ditto Landing
N/A	Tennessee River Greenway	City of Huntsville	Enhancement Unclassified	6.0 mile, 12-ft wide asphalt multi-use path from west of Ditto Landing along the river east to Flint River
N/A	Wade Mountain Greenway	City of Huntsville	Enhancement Unclassified	6.0 mile, 12-ft wide asphalt multi-use path from Spragins Hollow Rd to Pulaski Pike at Dry Creek
N/A	Wallace Mountain Greenway	City of Huntsville	Enhancement Unclassified	6.0 mile, 12-ft wide asphalt multi-use path from Spacewalk III terminus to Flint River
N/A	Weatherly Mountain Greenway	City of Huntsville	Enhancement Unclassified	1.5 mile, 12-ft wide asphalt multi-use path from Hemlock Dr to Mountain Gap Rd
N/A	Gooch Lane Greenway	City of Madison	Enhancement Unclassified	1.6 mile greenway from Balch Rd to Hughes Rd

Map Number (Pg. 4-2)	Project	Jurisdiction	Project Type	Project Description
∞ <i>Greenways (Shared Use Paths)</i>				
N/A	Highland Avenue Greenway	City of Madison	Enhancement Unclassified	1.55 mile greenway from Old Madison Pike to EastviewDr
N/A	Portal Lane Greenway	City of Madison	Enhancement Unclassified	1.04 mile greenway from Hughes Rd to Shelton Rd

∞ All Greenway Projects are shown on **Map 7.1**. Greenways that are associated with proposed road improvements are indicated by map number. As mentioned in this Section, additional greenway projects have been identified that do not correlate directly with proposed road improvement projects.

All Sidewalk and Greenway (Shared Use Path) projects highlighted in blue are financially constrained projects. All projects highlighted in red are visionary projects. The cost of constructing sidewalks for the above projects has already been incorporated in the total cost of the road improvement projects shown on page 4-2. Project costs are detailed in **Section 10**. The cost of constructing Greenways (Shared Use Paths) for the above projects not associated with any road improvement listed on page 4-2 is provided as well in **Section 10**.

7.3 Huntsville Metropolitan Planning Area Bicycle and Pedestrian Plan

The purpose of the Huntsville Metropolitan Planning Area Bicycle and Pedestrian Plan is to guide the long-term direction of bicycle and pedestrian projects within the MPO study area. The plan provides a regional view of interconnected bicycle and pedestrian networks and identifies a countywide system of corridors aimed at improving non-motorized transportation and accessibility.

The MPO Bicycle and Pedestrian Plan emphasizes regional connectivity to provide a framework for the development and enhancement of bicycle and pedestrian facilities throughout the counties, cities and towns of the MPO study area. With growing interests in walking, cycling and the safety of these modes of travel, the MPO has carefully considered the appropriateness of the areas designated for bicycle and pedestrian travel. The MPO has adopted the following bicycle and pedestrian plans, which collectively feature a linked network of non-motorized transportation facilities throughout the MPO study area.

The City of Huntsville Bikeways Plan

The City of Huntsville Bikeways Plan addresses the bicycle transportation needs of the citizens within the Huntsville area. With growing interest in cycling and bicycle safety, the City of Huntsville continues to promote bicycle projects and programs that encourage the use of alternate means of transportation which supports active transportation and healthy lifestyles. The goal of this plan is to develop a safe, continuous comprehensive network and to enhance non-motorized transportation facilities and projects throughout the metro area, by advancing education, enabling planning, and encouraging cycling. The plan also encourages the use alternative means of transportation to promote active communities, and a bicycle friendly community with a transportation network supporting bicycles, pedestrians, transit, and motorists.

It identifies bike routes that connect residential areas to major employers and shopping centers, covering a distance of over 282 miles throughout the city. In addition to the 34 miles of existing bike routes, the plan calls for another 148.4 miles of proposed bike routes, 81.5 miles of proposed bike lanes, and 18.1 miles of shared routes. Combined with the 119 miles of additional proposed routes in the county, a total of over 400 miles of bicycle facilities is planned for the Huntsville metro area. The plan serves as a guide for improving bicycle activity and suggests education, promotion and policy projects to integrate bicycling into the existing transportation environment. **Map 7.1** shows an overall map of bike routes planned throughout the Huntsville Study Area.

The City of Huntsville Greenways Plan

This City of Huntsville Greenways Plan identifies over 282 miles of interconnected trails, which includes shared use paths for biking and walking as well as canoe trails and hiking trails for recreational enjoyment. The goal of this plan is to maintain a continuous greenway system of interconnected corridors that offer alternative non-motorized transportation to demonstrate the many benefits of greenways to the community. This includes access to facilities for recreation, increased quality of life and preserving cultural, natural and historic resources. With more than 22 miles of existing greenways and trails, local pedestrians and bicyclists will enjoy open space along natural features and scenic roadways throughout the Huntsville and Madison County area.

Map 7.1 also shows the existing and proposed greenways and trails within the City of Huntsville, Madison County and Limestone County.

The City of Huntsville Sidewalk Improvement Plan

The Sidewalk Improvement Program is an on-going effort by the City of Huntsville to maintain existing sidewalks as well as to construct sidewalk projects that provide connectivity to community facilities; thus encouraging an alternative means of transportation. The plan details a five-year schedule of prioritized sidewalk construction projects, allocating an annual budget of \$300,000.00 for construction and \$100,000.00 for maintenance. In addition the City of Huntsville was awarded a \$200,000 grant for the Safe Route to School program which allows spending on facilities within 2 miles of elementary schools to improve the safety for children walking or riding bicycles. Although the grant is awarded bi-annually it presents an opportunity for the city to increasingly provide safe travel for all pedestrians.

Countywide Shared Bike Routes

The Huntsville Metropolitan Planning Area Bicycle and Pedestrian Plan highlights connecting bicycle routes, bike lanes and greenways throughout the counties, cities and towns of the MPO study area. These routes are depicted on **Map 7.1**. These routes will be signed to alert cyclists and motorists of shared road usage while traveling on county roadways. The MPO will promote the use of "Share the Road" signs in efforts to alert motorists of the presence of bicyclists, thus encouraging and creating cooperative behavior, courtesy, and safety for both area cyclists and motorists. The use of "Share the Road" signs is an objective of the plan to enhance the existing bicycle and pedestrian programs by educating motorists and bicyclists on safe and effective ways to coexist – ultimately leading to a greater safe traveling environment for all.

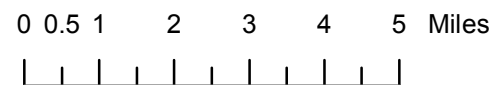
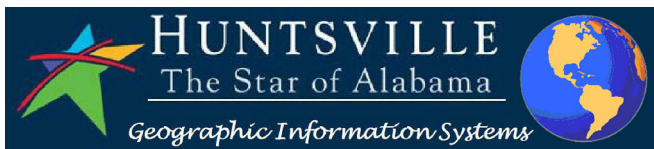
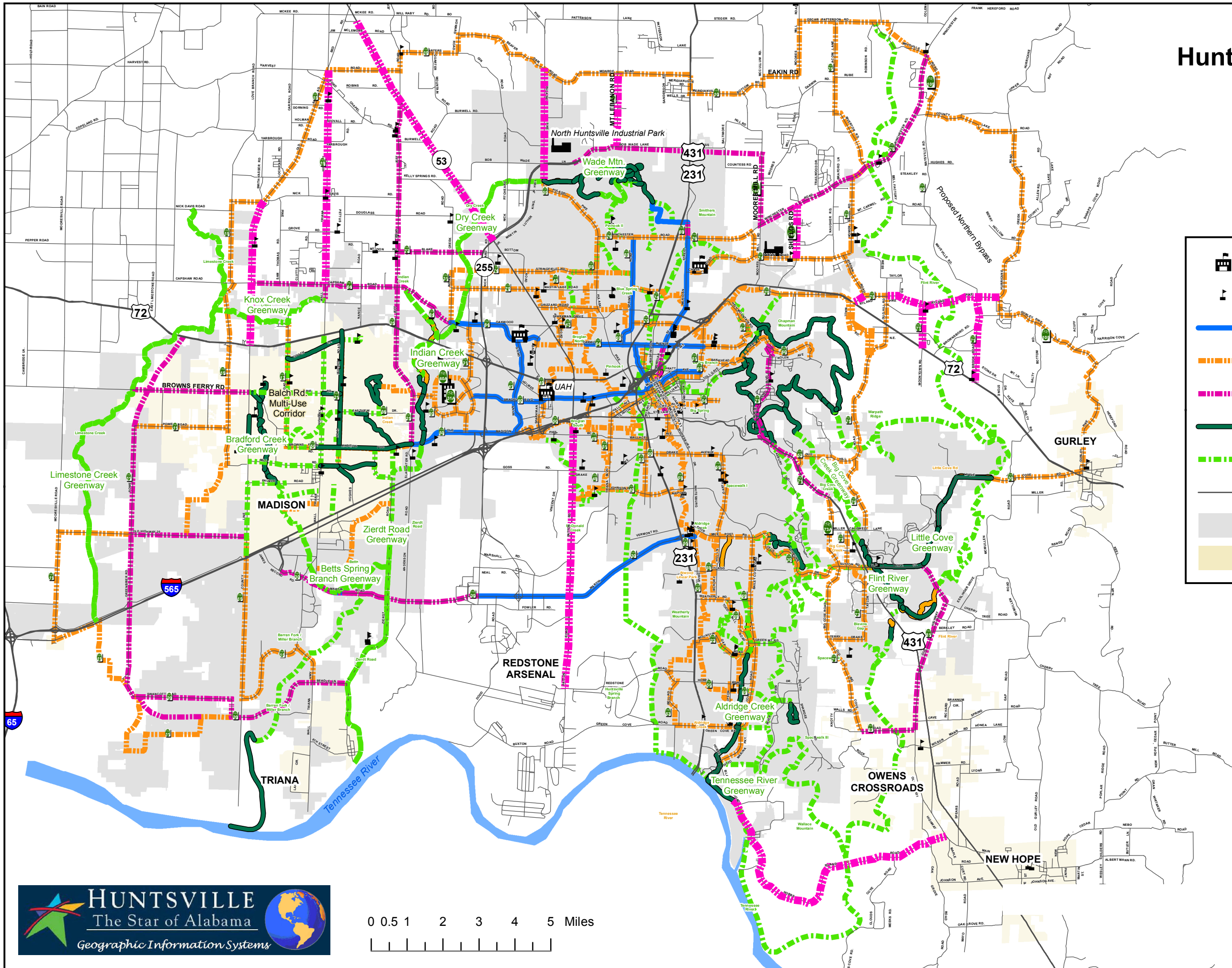
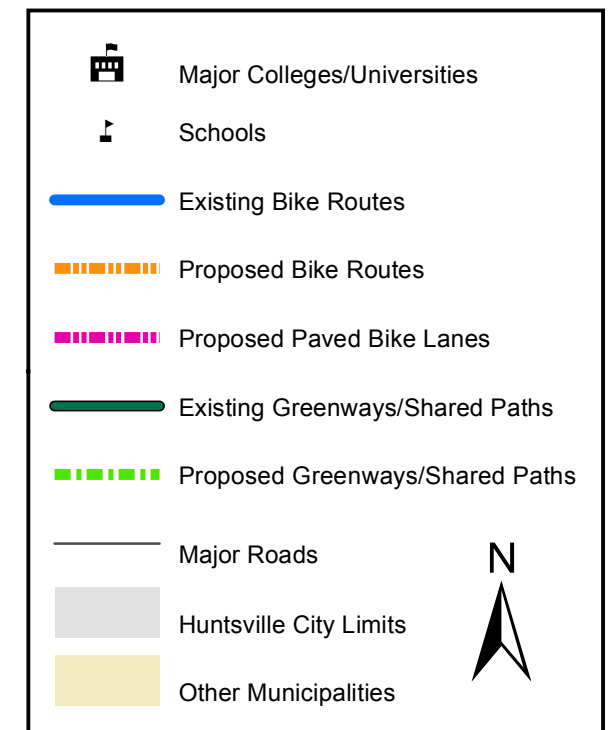
City of Madison Greenway Plan

The City of Madison has a number of greenway and trails projects identified and underway. The goal of the plan, which was adopted in 2003, is to connect the city with various pathways to facilitate alternative modes of transportation and promote a healthy lifestyle. Numerous trails, greenways, sidewalks/walkways, and multipurpose facilities have been planned for its citizens. A pedestrian and non-motorized corridor along Bradford Creek has already been funded with federal money, with construction starting FY 2010. This corridor will provide a walking laboratory and a new route for elementary and middle school children. Also along the corridor is Madison's largest recreation park: 99 acre Palmer Park, which contains a playground, softball and baseball diamonds, and soccer and football fields. In addition the Mill Creek Greenway which can be accessed via Mill Road connects Mill Stone subdivision to the new Mill Creek Elementary with future connections from Browns Ferry Road and the new Balch Road extension. **Map 7.1** includes all future greenways and multi-use corridors projects along the major roads in the City of Madison.

Huntsville Metropolitan Planning Area

Bicycle and Pedestrian Plan









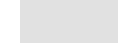
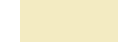
Map 7.1

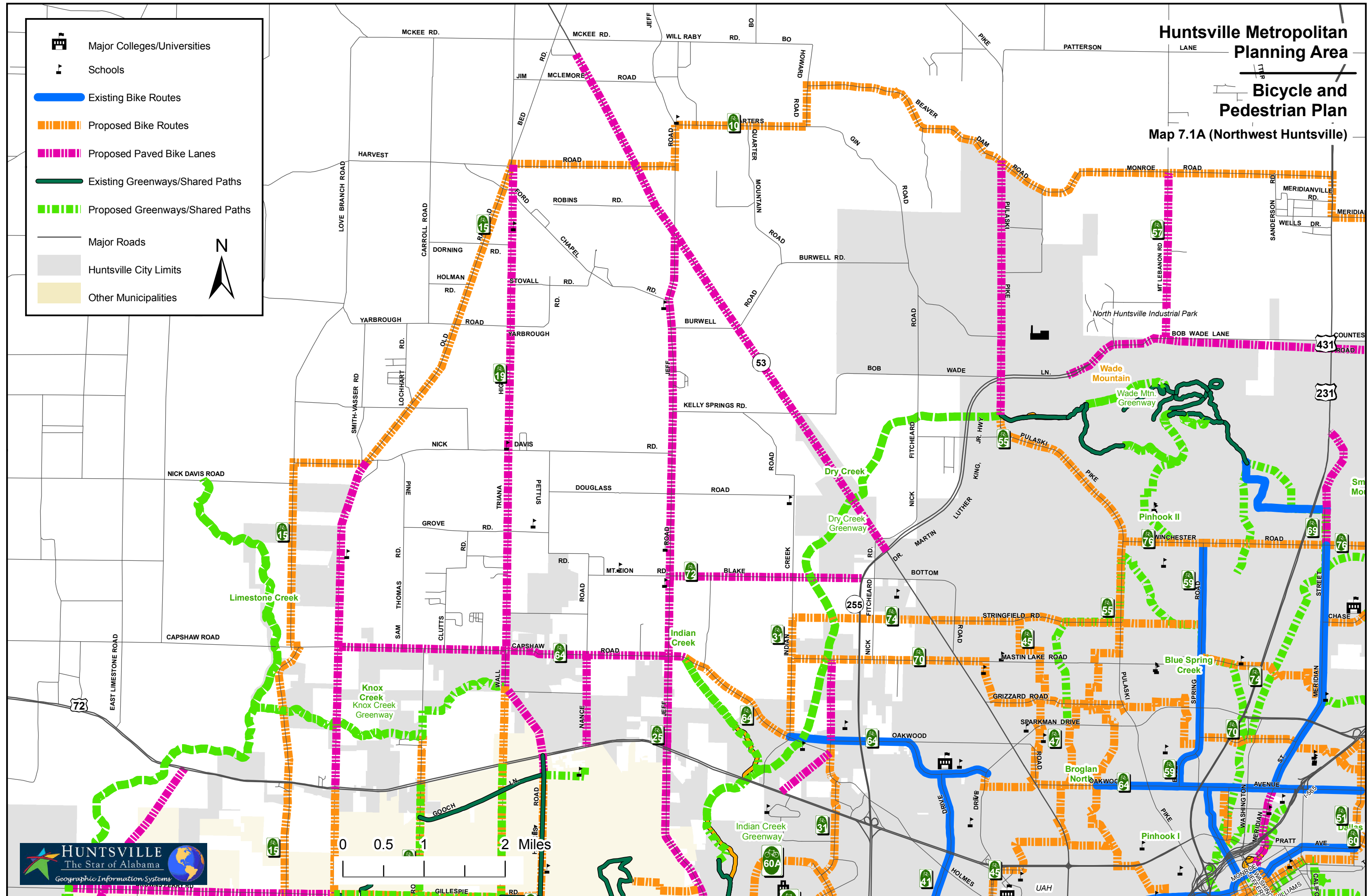


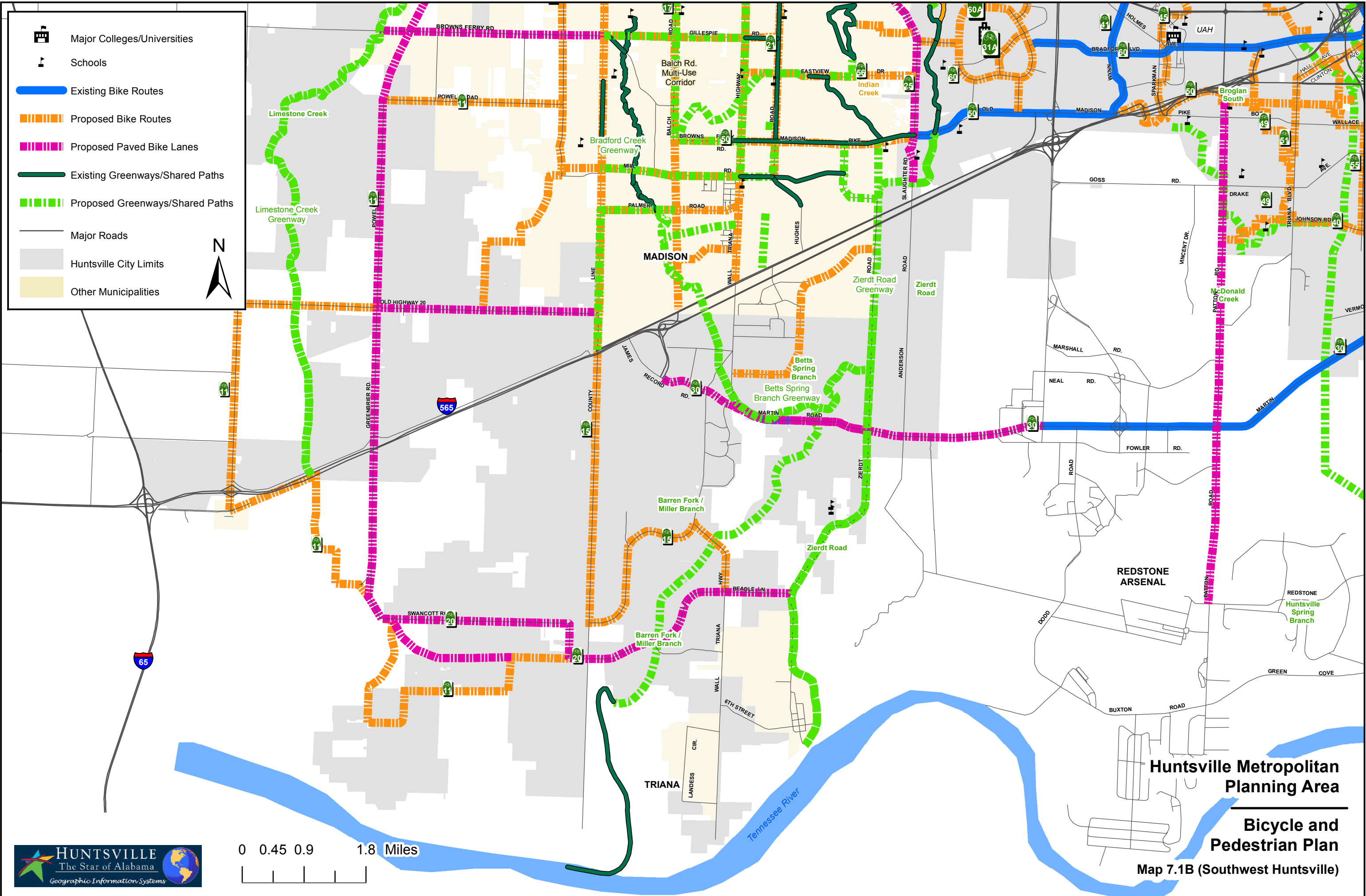
Huntsville Metropolitan Planning Area

Bicycle and Pedestrian Plan

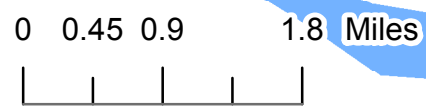
Map 7.1A (Northwest Huntsville)

-  Major Colleges/Universities
-  Schools
-  Existing Bike Routes
-  Proposed Bike Routes
-  Proposed Paved Bike Lanes
-  Existing Greenways/Shared Paths
-  Proposed Greenways/Shared Paths
-  Major Roads
-  Huntsville City Limits
-  Other Municipalities

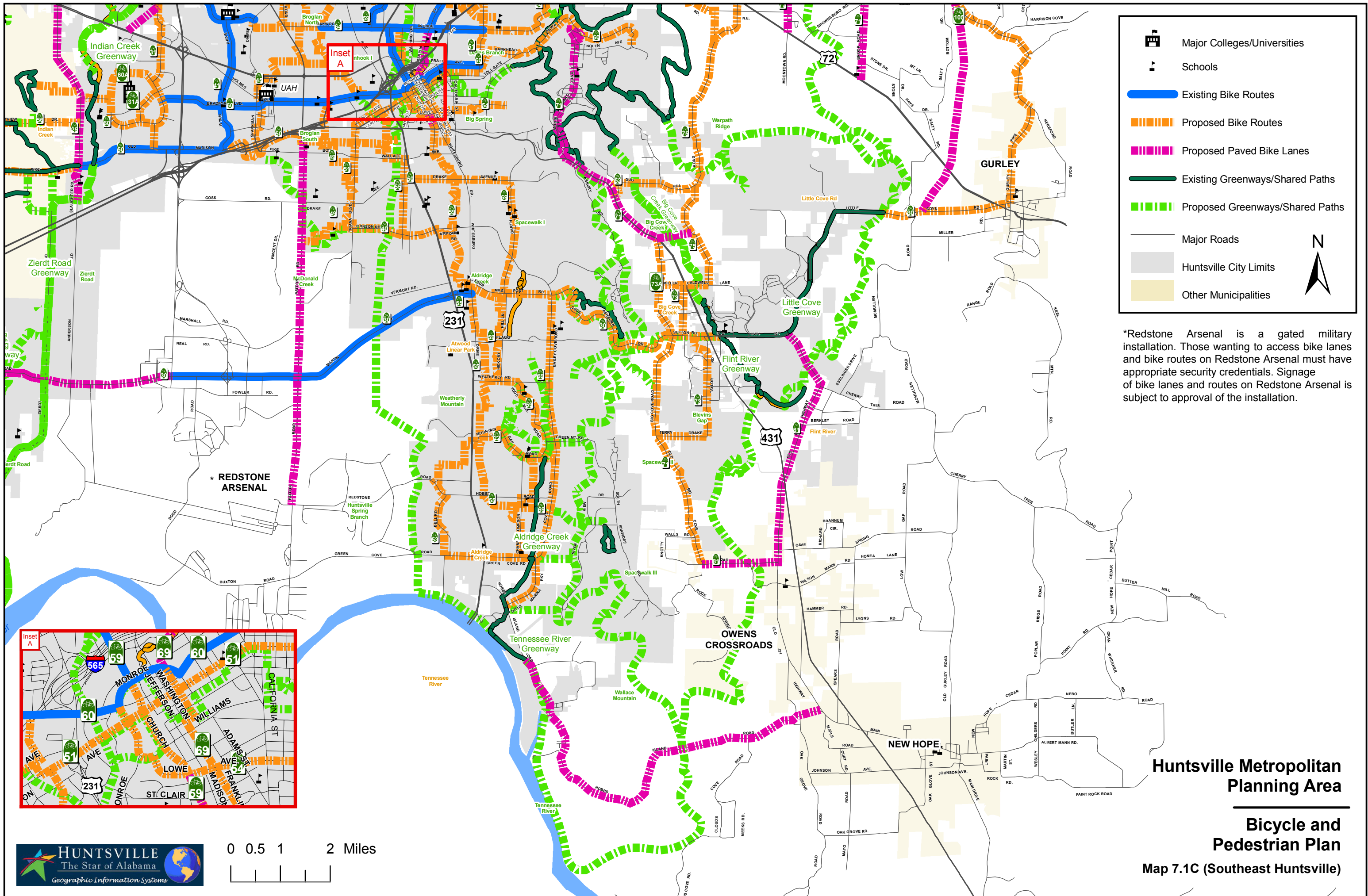




Major Colleges/Universities
 Schools
 Existing Bike Routes
 Proposed Bike Routes
 Proposed Paved Bike Lanes
 Existing Greenways/Shared Paths
 Proposed Greenways/Shared Paths
 Major Roads
 Huntsville City Limits
 Other Municipalities

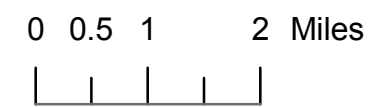
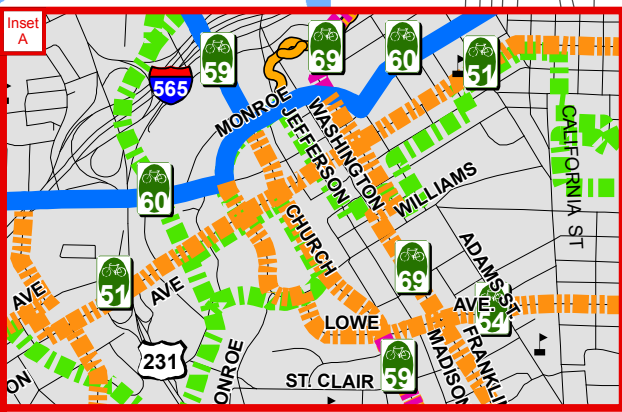


Huntsville Metropolitan Planning Area
Bicycle and Pedestrian Plan
Map 7.1B (Southwest Huntsville)

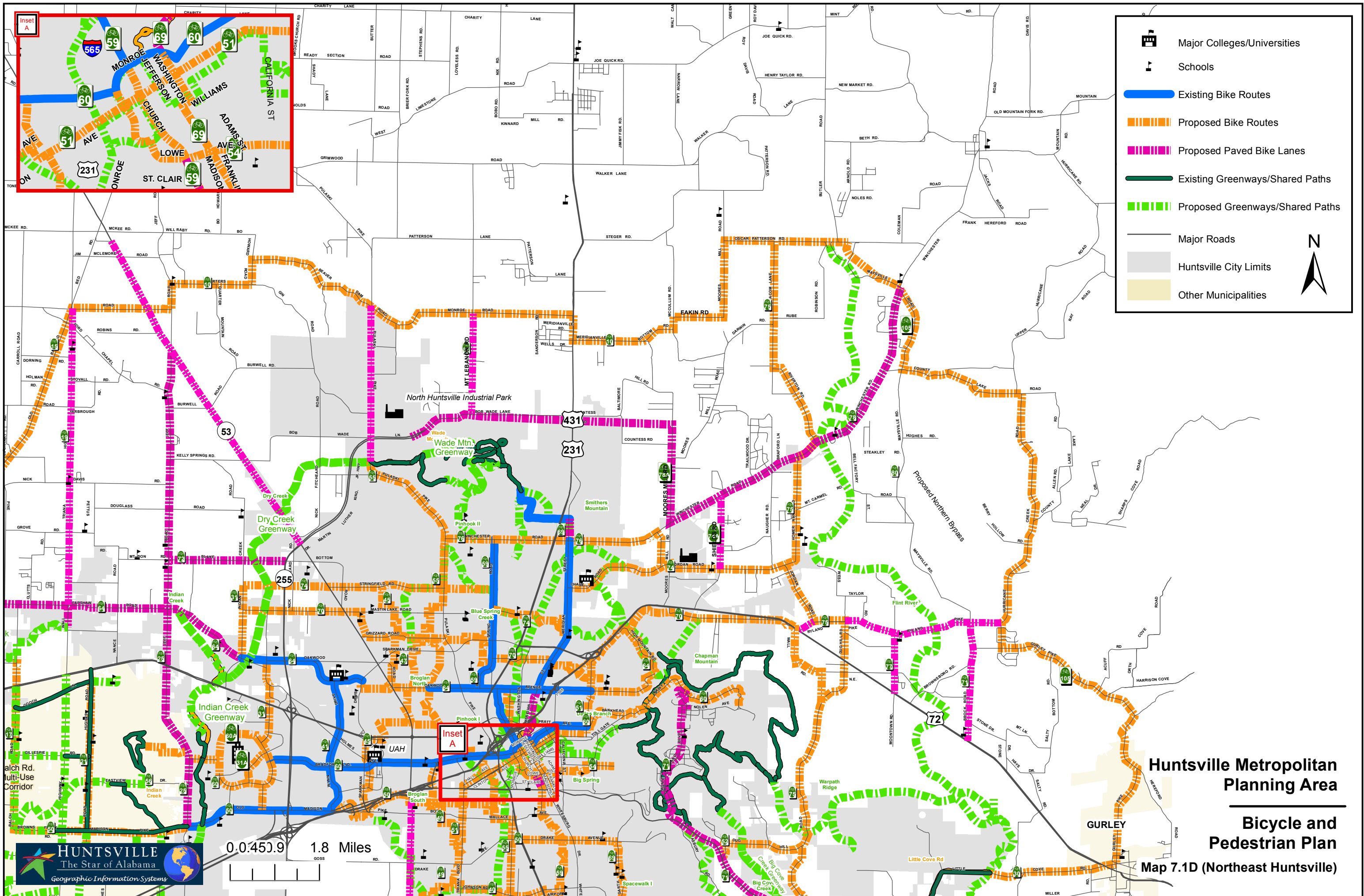


Major Colleges/Universities
 Schools
 Existing Bike Routes
 Proposed Bike Routes
 Proposed Paved Bike Lanes
 Existing Greenways/Shared Paths
 Proposed Greenways/Shared Paths
 Major Roads
 Huntsville City Limits
 Other Municipalities

*Redstone Arsenal is a gated military installation. Those wanting to access bike lanes and bike routes on Redstone Arsenal must have appropriate security credentials. Signage of bike lanes and routes on Redstone Arsenal is subject to approval of the installation.



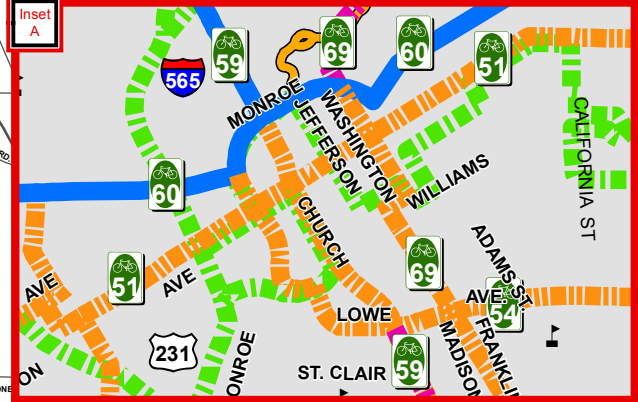
Huntsville Metropolitan Planning Area
Bicycle and Pedestrian Plan
 Map 7.1C (Southeast Huntsville)



	Major Colleges/Universities
	Schools
	Existing Bike Routes
	Proposed Bike Routes
	Proposed Paved Bike Lanes
	Existing Greenways/Shared Paths
	Proposed Greenways/Shared Paths
	Major Roads
	Huntsville City Limits
	Other Municipalities



Huntsville Metropolitan Planning Area
Bicycle and Pedestrian Plan
Map 7.1D (Northeast Huntsville)



7.4 Transportation Enhancements Activities

Transportation Enhancements (TE) activities are transportation-related initiatives that are designed to strengthen the cultural, aesthetic, and environmental aspects of the intermodal transportation system. The transportation enhancements program provides the implementation of a variety of non-traditional projects, with examples ranging from the restoration of historic transportation facilities to the mitigation of water pollution from highway runoff. All transportation enhancement projects must relate to surface transportation, which includes all elements of the intermodal transportation system, exclusive of aviation. According to the Federal Highway Administration, all qualifying TE activities must comply with at least one of the following 12 categories:

	<i>Activity</i>	<i>Examples</i>
1	Provision of pedestrian and bicycle facilities	New or reconstructed sidewalks, walkways, or curb ramps; wide paved shoulders for non-motorized use, bike parking, and bus racks; construction or major rehabilitation of off-road shared use paths (non-motorized transportation trails); bridges and underpasses for non-motorized users.
2	Provision of pedestrian and bicycle safety and education activities	Educational activities to encourage safe walking and bicycling.
3	Acquisition of scenic or historic easements and sites	Acquisition of scenic land easements, vistas, and landscapes; acquisition of buildings in historic districts or historic properties (including historic battlefields).
4	Scenic or historic highway programs including tourist and welcome centers	For projects related to scenic or historic highway programs: Construction of turnouts, overlooks, and viewing areas; construction of visitor and welcome centers; designation signs and markers.
5	Landscaping and scenic beautification	Landscaping, street furniture, lighting, public art, and gateways along highways, streets, historic highways, trails, and waterfronts.
6	Historic Preservation	Preservation of buildings in historic districts; restoration of historic buildings for transportation-related purposes.
7	Rehabilitation and operation of historic transportation buildings, structures, or facilities	Restoration of historic railroad depots, bus stations, ferry terminals and piers, and lighthouses; rehabilitation of rail trestles, tunnels, and bridges; restoration of historic canals, canal towpaths, and historic canal bridges.
8	Conversion of abandoned railway corridors to trails	Acquiring railroad rights-of-way; planning, designing, and constructing multiuse trails; developing rail-with-trail projects.
9	Control and removal of outdoor advertising	Billboard inventories or removal of illegal and nonconforming billboards.
10	Archaeological planning and research	Research, preservation planning, and interpretation of archaeological artifacts; curation for artifacts related to surface transportation and artifacts recovered from locations within or along surface transportation corridors.
11	Environmental mitigation of highway runoff pollution, reduce vehicle-caused wildlife mortality, maintain habitat connectivity	For existing highway runoff: soil erosion controls, detention and sediment basins, and river clean-ups. Wildlife underpasses or other measures to reduce vehicle caused wildlife mortality and/or to maintain wildlife habitat connectivity.
12	Establishment of transportation museums	Construction of new transportation museums; additions to existing museums for a transportation section; conversion of railroad stations or historic properties to museums with transportation themes.

Source: U.S. Department of Transportation, Federal Highway Administration, 2004

The Alabama Department of Transportation (ALDOT) accepts transportation enhancements project applications. A thorough review, which includes a five step process, is conducted annually to determine projects selected for funding. Through the Huntsville Metropolitan Planning Area Bicycle and Pedestrian Plan, the Huntsville Area MPO can ensure that bicycle and pedestrian accommodations will be more fully integrated into local, state and regional transportation improvements. As federal transportation policy with regards to bicycle and pedestrian accommodations evolves, new funding opportunities are made available to enhance the non-motorized transportation network. The projects identified in **Tables 7.1** and **7.2**, and further displayed in **Map 7.1** are eligible for transportation enhancement funding.