

"The ARTS region has the potential to transform itself into a community where walking and bicycling for transportation and recreation are popular and safe activities. This chapter lays out the recommended pedestrian and bicycle network with a regional system of walkways, greenways and bikeways connecting key destinations and surrounding areas."

Chapter Seven

Engineering: Bikeway, Walkway, and Trail System Recommendations

Introduction

The ARTS region has the potential to transform itself into a community where walking and bicycling for transportation and recreation are popular and safe activities. This chapter lays out the recommended pedestrian and bicycle network with a regional system of walkways, greenways and bikeways connecting key destinations and surrounding areas. The network recommendations build upon current and past planning efforts. The recommendations included in this chapter are based on the types of bikeways, walkways, and off-street shared facilities described in the Design Guidelines, found in Appendix E.

This chapter presents proposed bikeways, walkways, and greenways facilities identified through input from the community, the Project Steering Committee, and the needs analysis. The proposed improvements are intended to make bicycling more comfortable and accessible for bicyclist of all skill levels and trip purposes and to create walkable communities through the region. This chapter presents the recommendations to expand the bikeway and walkway network so that the community has a seamless and comprehensive network for active transportation and recreation.

Recommended Walkway Network

Walkway Network Development

Refining the Pedestrian Suitability Analysis

Pedestrian suitability analysis (PSA), as described in Chapter 4, is an important tool for identifying priority pedestrian corridors. The results of the analysis created a picture of where people live, work, play and key roadway connections between these locations as a way to depict both 'demand' for and 'supply' of pedestrian infrastructure in the region. Beyond

identifying regional priority corridors, PSA results can be enhanced based on local priorities and characteristics to reveal crucial areas for investment in sidewalk infrastructure and other pedestrian facilities. The resulting process ranks pedestrian corridors as high-, medium-, or low-priority corridors within the ARTS region.

Composite Priority Scores

To refine the analysis of priority pedestrian corridors, PSA weighted criteria were adjusted and combined with new feasibility considerations to reflect the weights identified by ARTS in the project evaluation criteria, shown in Table 7-1. Thus, the criteria for 'Proximity to Attractors/Destinations' were weighted based on the 16 point scale identified by ARTS to establish an adjusted score for pedestrian 'demand'. The 'roadway quality' criteria of the PSA, which includes both 'Connectivity' and 'Safety', were weighted based on the 28 point scale identified by ARTS to create a 'supply' score.

The 'Connectivity' category includes an analysis of sidewalk gaps. However, without an existing sidewalk inventory of the region, it was not possible to exhaustively identify sidewalk gaps/presence for the region or for every municipality. This analysis assumes that there are no sidewalks except for those corridors that were verified via field work or existing data. The corridors where a sidewalk is known to exist on one side or both sides of the roadway are identified on Figures 7-1 through 7-5. Corridors with two known sidewalks were excluded from prioritization, though roadways with only one known sidewalk were not.

¹ Improved health and quality of life are important benefits associated with all pedestrian infrastructure projects.



Table 7-1: Prioritization Scoring Criteria

Criteria	Scoring Weights	Available Points
Proximity to Attractors/Destinations		
Access to public or private school (K-12)	Yes = 2; No = 0	16 pts.
Direct access to existing/planned transit route or stop	Yes = 2; No = 0	
Direct access to major employment centers	Yes = 2; No = 0	
Direct access to mixed-use areas or shopping centers	Yes = 2; No = 0	
Direct access to University/College	Yes = 2; No = 0	
Direct access to Central Business District	Yes = 2; No = 0	
Access to public places (<i>parks, libraries, civic uses</i>)	Yes = 2; No = 0	
Transit Stop within 1/2 mile radius	Yes = 1; No = 0	
Direct access to higher density residential areas	Yes = 1; No = 0	
Connectivity		
Completes gap in existing bicycle or pedestrian facility	Yes = 4; No = 0	14 pts.
Removes barrier in route	Yes = 3; No = 0	
Regional connection and/or major roadway/river Xing	Yes = 3; No = 0	
Connects 2 or more communities	Yes = 2; No = 0	
Connects residential area to business/commercial area	Yes = 1; No = 0	
Project supports economic development/tourism	Yes = 1; No = 0	
Safety / Health / Quality of Life		
Improves locations where bicycle or pedestrian crashes/fatalities have occurred	Yes = 4; No = 0	14 pts.
Is the improvement on a high volume road	Yes = 2; No = 0	
Is the improvement separated from vehicular traffic	Yes = 2; No = 0	
Provides speed reduction or traffic calming benefits	Yes = 2; No = 0	
Improves physical activity	Yes = 2; No = 0	
Improves air quality/offers environmental benefits	Yes = 2; No = 0	
Feasibility		
Improvement is on or adjacent to roadway project contained in the ARTS 2035 LRTP.	Yes = 5; No = 0	10 pts.
Improvement has full or partial funding, or is likely to be funded	Yes = 3; No = 0	
Improvement was recommended during the public outreach process/or is contained and supported in a local plan	Yes = 2; No = 0	

The adjusted PSA results were then combined with local feasibility data, which provided weighted scoring for projects included within the ARTS Long Range Transportation Plan, recommended by the public process, and allotted partial or full funding. 'Feasibility' criteria allow a maximum score of 10. This process results in a composite 'Priority Score' based on the 'Demand Score,' 'Supply Score,' and 'Feasibility Score'. The composite score has a maximum potential value of 54. In all cases, a higher number means that the corridor should be prioritized for pedestrian infrastructure.

The composite score reveals where ARTS should consider short, medium and long term pedestrian improvement projects. Since these score ranges are based on the distribution of scores across the



entire region, where population density and the density of attractors and destinations vary greatly, adjusted score ranges were used in several areas outside of the major urban centers of Augusta, North Augusta, and Aiken. These adjusted ranges account for the fact that the scores are lower across the board in certain areas, such as Burnetttown or Columbia County, but recommendations are desired in these areas along with the urban centers, and should be prioritized independently of higher scoring areas. Adjusted ranges and their geographic application are provided in Table 7-2.

Table 7-2: Prioritization Composite Scores

Geographic Area	Score Range		
	Low	Medium	High
Augusta Metro Area	22-29	30-39	40-52
Aiken Metro Area	18-22	23-32	33-52
North Augusta Metro Area	22-29	30-39	40-52
Columbia County	21-24	25-27	28-40
Blythe	11-13	14-15	16-18
Hephizabah	14-15	16-21	22-32
Grovetown	15-20	21-25	26-32
Burnetttown	15-18	19-26	27-41

Results

The results of the refined pedestrian network analysis provide a closer look as to where new sidewalks or enhanced pedestrian infrastructure are most needed. Figures 7-1 through 7-5 depict color-coded corridor segments that identify the three-tiered priority network.

A majority of the region's destinations are along arterial roads with high traffic volumes and speeds. It is important to provide safe, comfortable access to these destinations from the surrounding residential areas. Additionally, creating walkable neighborhoods that are accessible to pedestrians ensures that residents can safely access sidewalks along major arterials and collectors.

Across the region, thoroughfares and collectors are the highest priority corridors, along with connections to schools. Communities will need to do additional study to identify gaps in the existing network and quality of existing sidewalks to determine actual projects in these corridors. Chapter 8 identifies recommended areas for near-term investment in pedestrian infrastructure based on the results of this pedestrian network refinement analysis. It is important to note, however, that well-maintained sidewalks meeting ADA requirements are recommended on all collectors and arterials in the ARTS region, as well as local roads that provide important pedestrian connections. This Plan recommends that ARTS and its member jurisdictions adopt a sidewalk ordinance (as described in Chapter 6), invest in high priority pedestrian areas (as described in Chapter 8), and incorporate sidewalks into all new collector and arterial road construction projects to meet the needs of current and future pedestrian activity.

Figure 7-1 Central Augusta

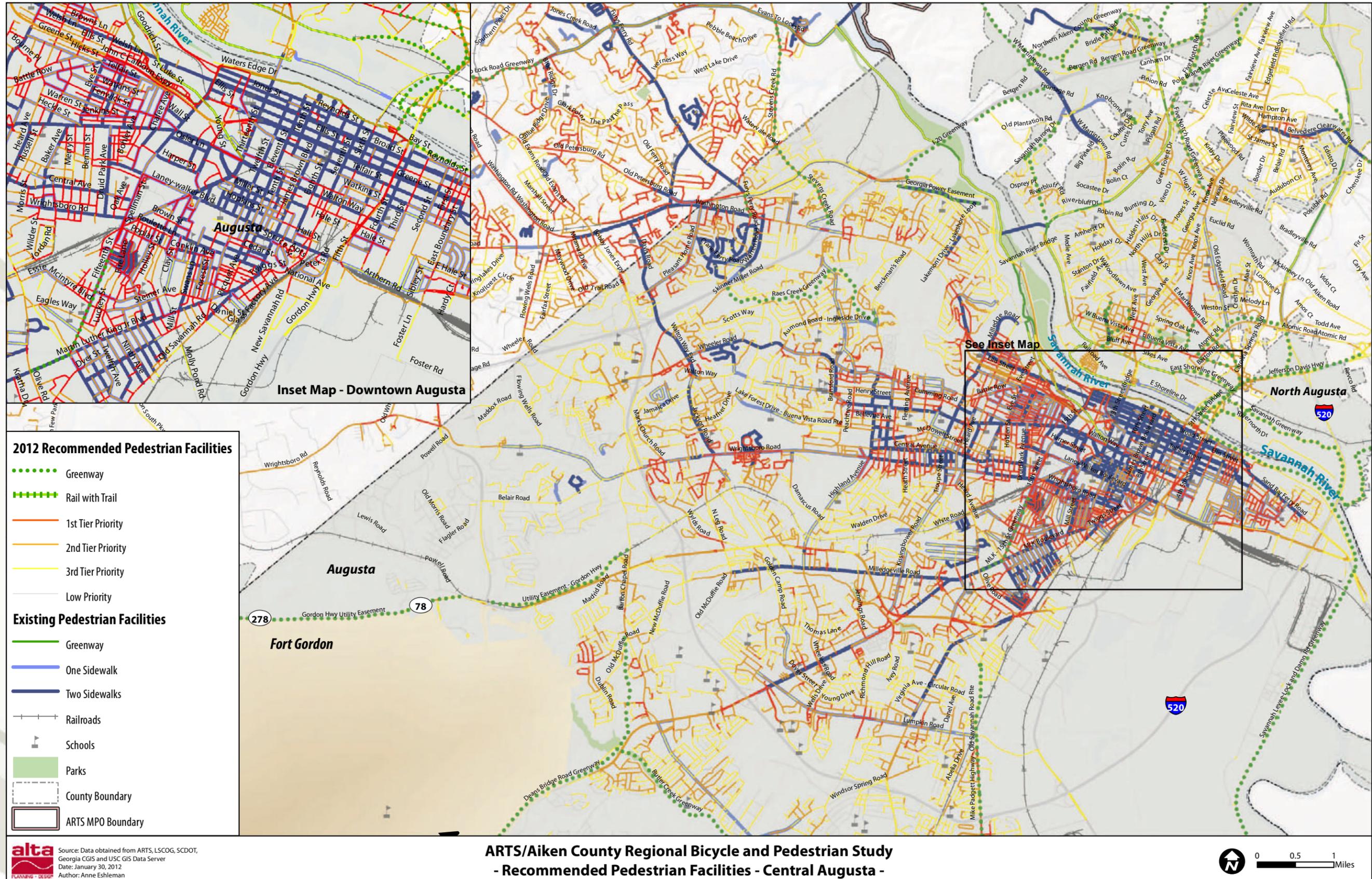


Figure 7-2 South Augusta

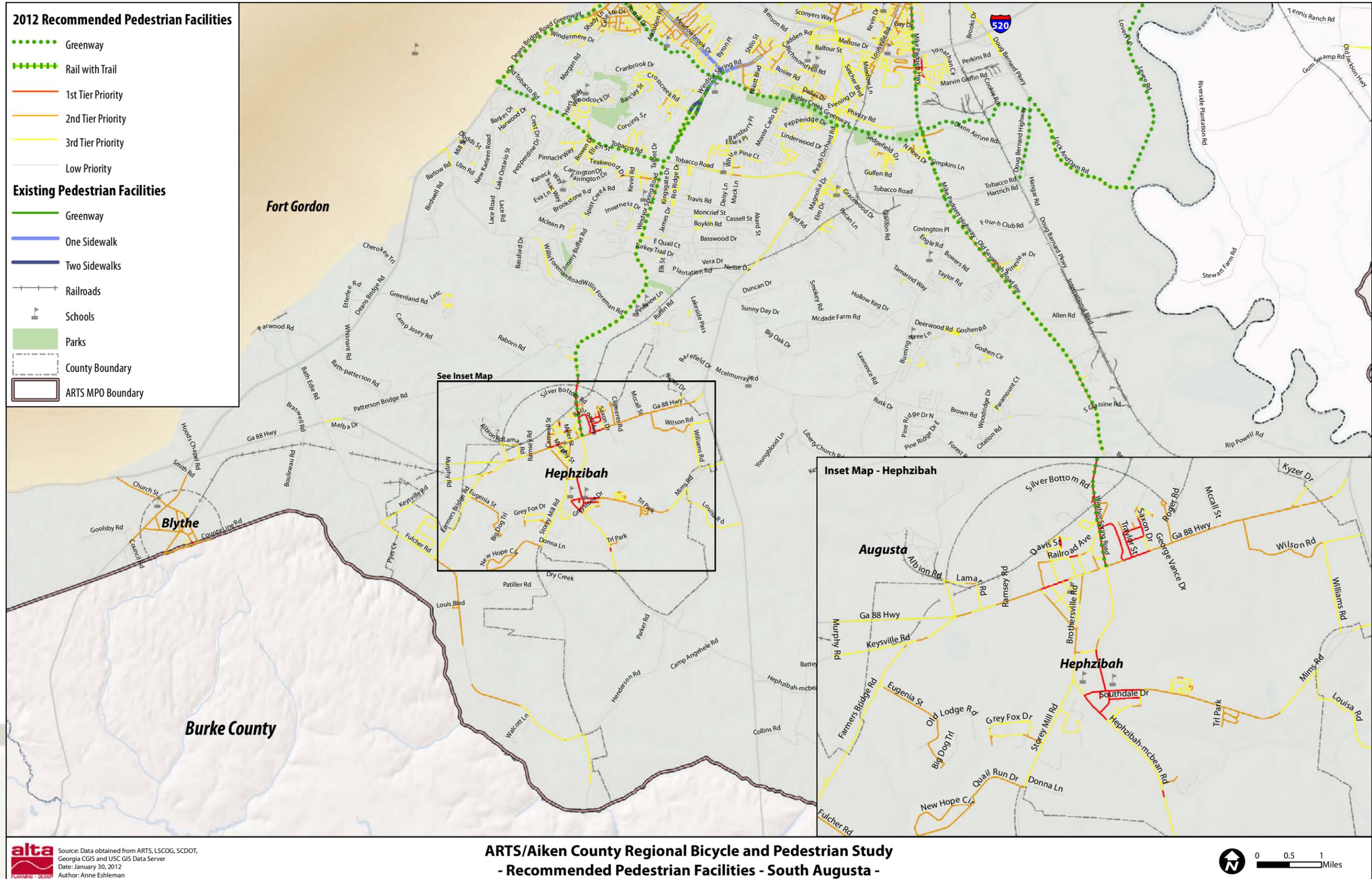


Figure 7-3 Columbia County

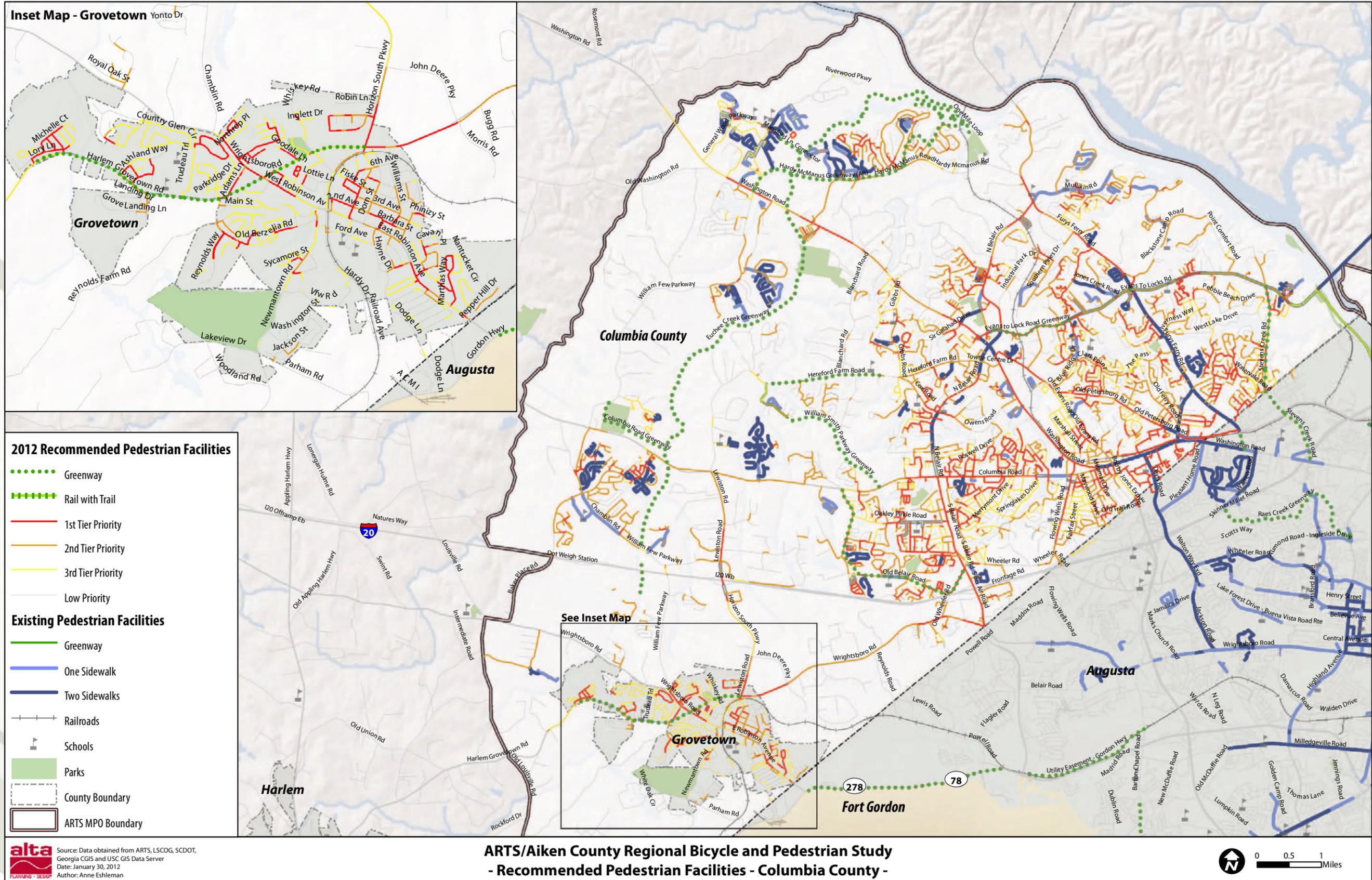


Figure 7-4 North Augusta and Burnettown

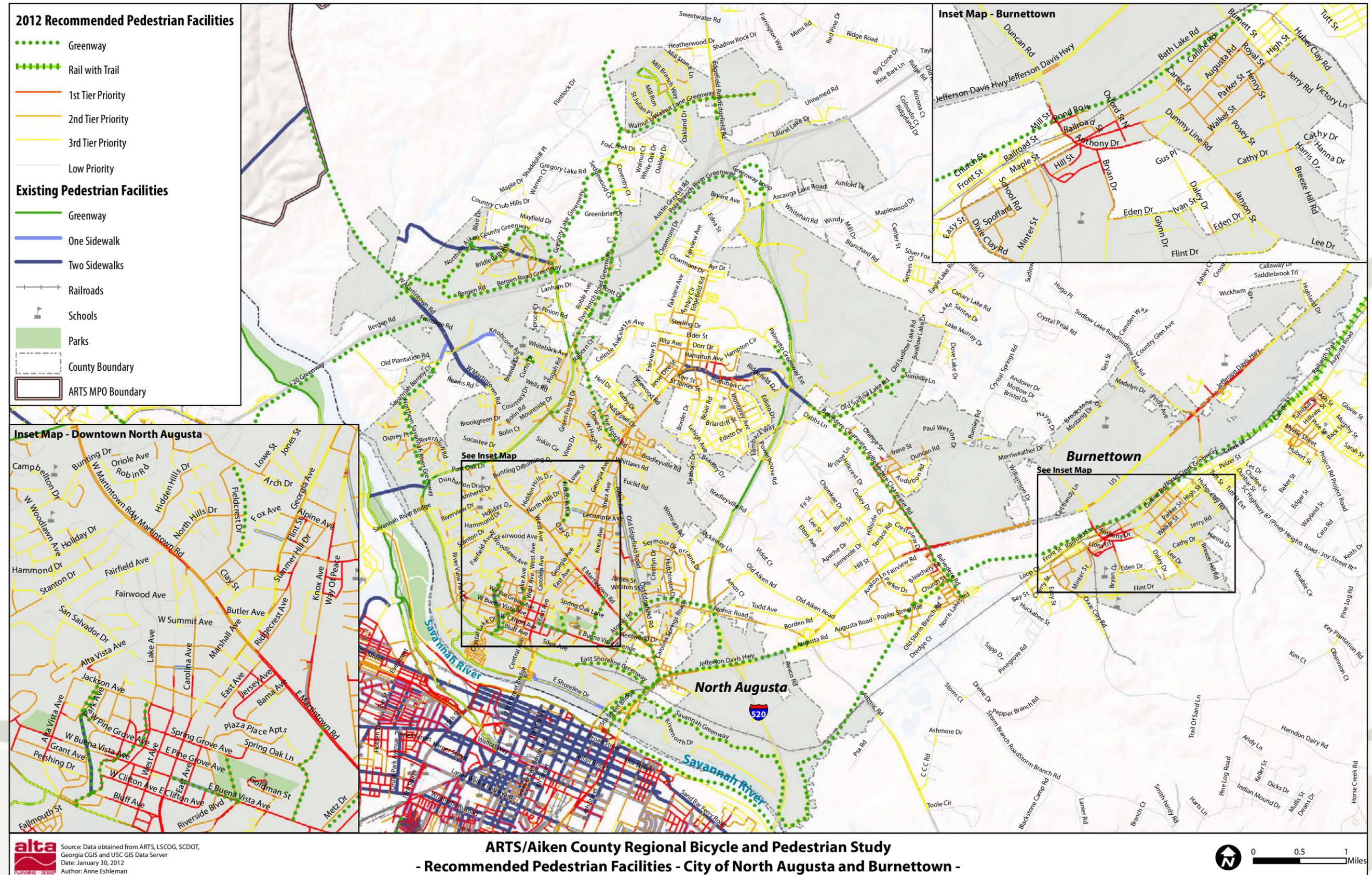
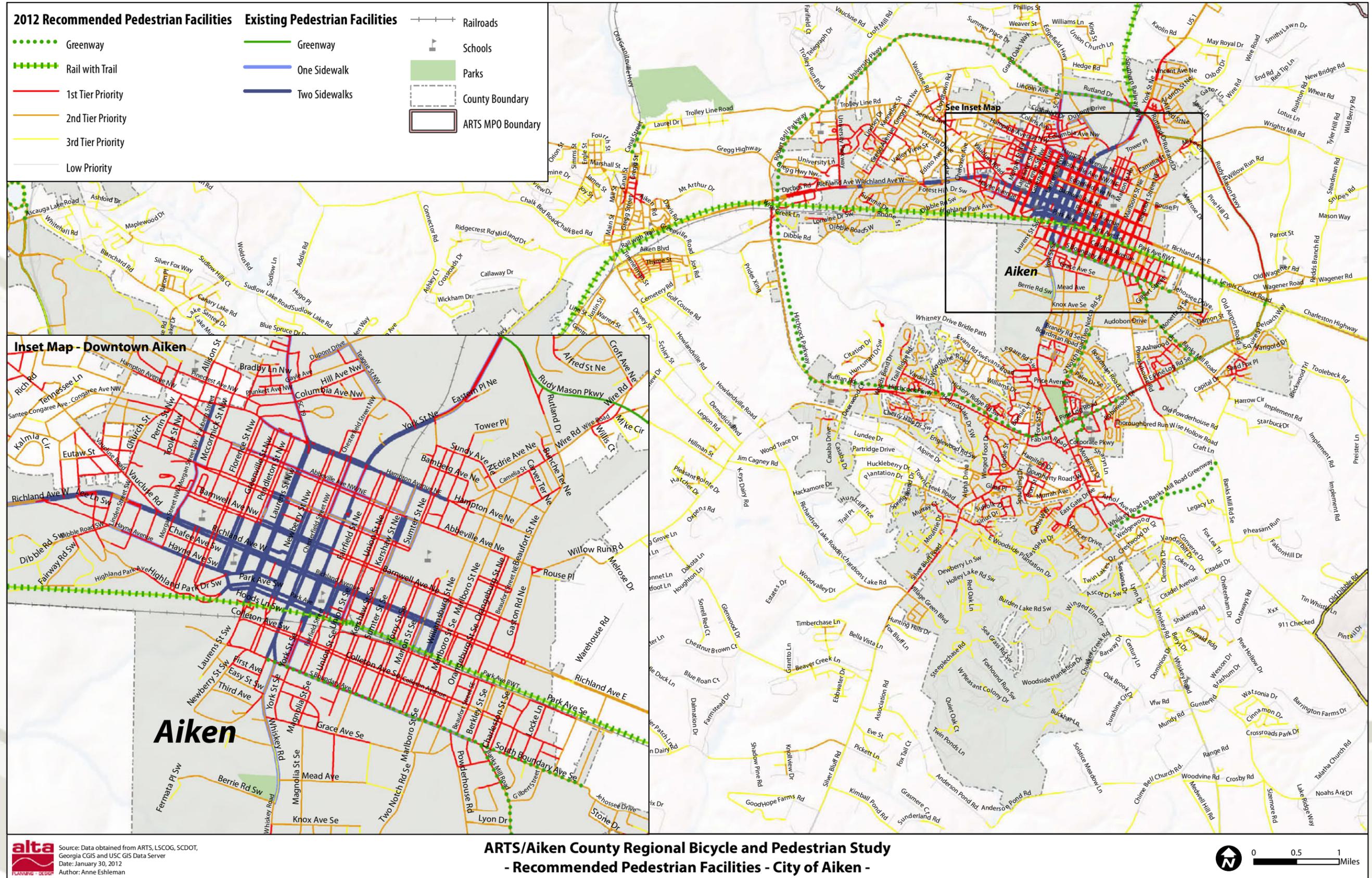


Figure 7-5 City of Aiken



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Recommended Bikeway Network

The ARTS recommended bikeway network represents a comprehensive set of existing and proposed bicycle transportation facilities. In total, there are approximately 740.63 miles of recommended facilities that range from signed bicycle routes to separated greenways as shown in Table 7-3. The proposed improvements are intended to make bicycling more comfortable and accessible for bicyclist of all skill levels and trip purposes.

The following sections of this chapter include 1) how the network was designed; 2) the ARTS regional network maps; and 3) projects recommended for further review. Priority projects are identified in Chapter 8, as part of the regional implementation plan.

Bikeway Network Development

The bicycle facility network was designed by first assembling all existing bicycle-related recommendations and information from current plans and studies. Secondly, a thorough analysis with geographic information systems (GIS) and fieldwork was conducted to examine roadways for recommendations. The assembled information was then presented to the public, local government staff, the Steering Committee, and various project stakeholders. Together, the input from these groups helped to inform the overall network design; through writing and drawing on input maps, filling-out comment forms, direct dialogue, and e-mailed comments.

A variety of bicycle facilities are recommended due to 1) the range of skill and comfort levels involved in bicycling; 2) the range of conditions for bicycling on different roadway environments; and 3) local preferences identified through the public input process. These recommendations are at a planning level only and will require further analysis before implementation.

The recommended bicycle network is made up of five core types of bicycle facilities: paved shoulders, shared lane markings, bicycle lanes (including buffered bicycle lanes), bicycle routes, and greenways (including multi-use paths). The recommended strategies for implementing the proposed facilities

include road widening, lane narrowing, lane reconfiguration, parking reduction, adding markings/signage, and new construction. Descriptions and standards for each facility type and implementation strategy are described in detail in the Design Guidelines provided in Appendix E.

Figures 7-6 through 7-9 shows the existing and proposed bikeway network and Tables 7-4 through Table 7-9 list the bikeways by type and mileage. The proposed bikeways were developed with consideration for roadway widths, traffic volumes and speeds, and connections to destinations.

Table 7-3: Recommended Facilities Summary

Facility Type	Total Mileage of Recommended Projects
Bicycle Lanes & Buffered Bicycle Lanes	154.45
Roadways with Shared-Lane Markings	39.10
Bicycle Routes	131.58
Paved Shoulders	252.95
Greenways, Multi-use Paths, & Rails with Trails	162.39
Total Recommended Greenway and Bikeway Network	740.47

Bikeway Network Facility Types



Paved Shoulders

Roadways with **Paved Shoulders** (4' or greater) are wide enough for safe and comfortable bicycle travel.



Buffered Bicycle Lanes

Cape Coral, FL
Photo: www.pedbikeimages.org - Dan Moser

Bicycle Lanes are separate lanes within the right of way and travel way of a road designated exclusively for bicycles.



Shared Lane Markings

Shared Lane Markings indicate to motorists that bicycles have an equal right to the roadway and can designate where bicyclists should ride in the roadway.



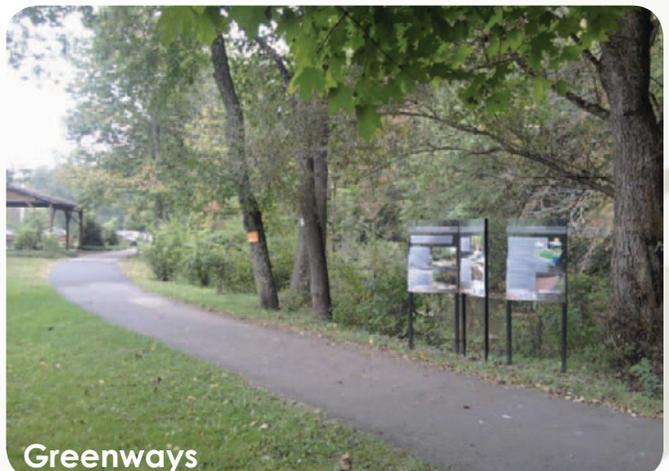
Bicycle Routes

Bicycle Routes are usually designated by strategic signage and can include traffic calming measures and other treatments on low-speed and residential streets.



Bicycle Lanes

Bicycle Lanes are separate lanes within the right of way and travel way of a road designated exclusively for bicycles.



Greenways

Greenways (including multi-use paths) are paths designated for pedestrian and bicycle travel with an exclusive right of way.

Figure 7-6: ARTS Composite Existing and Proposed Bicycle Network

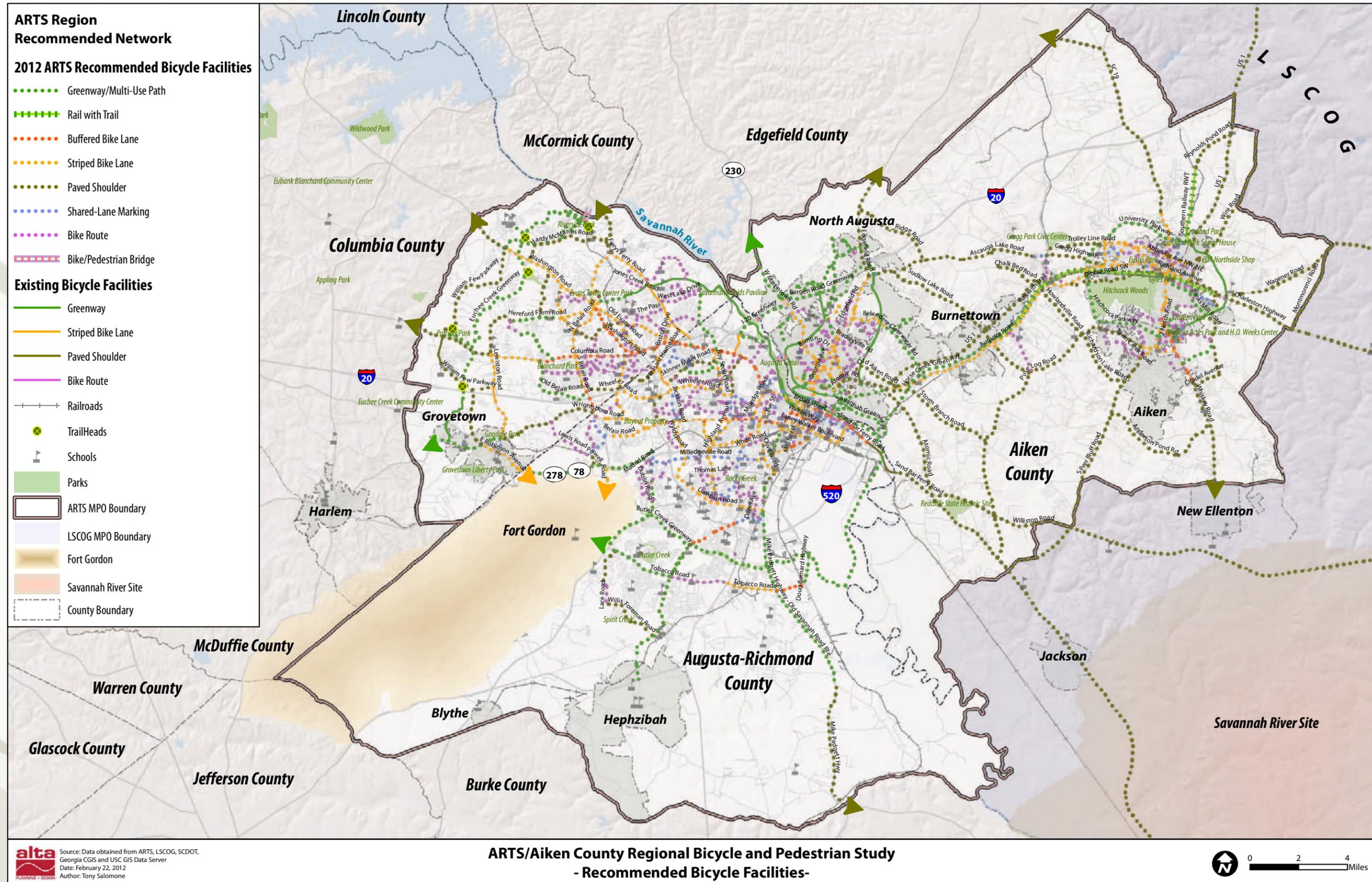
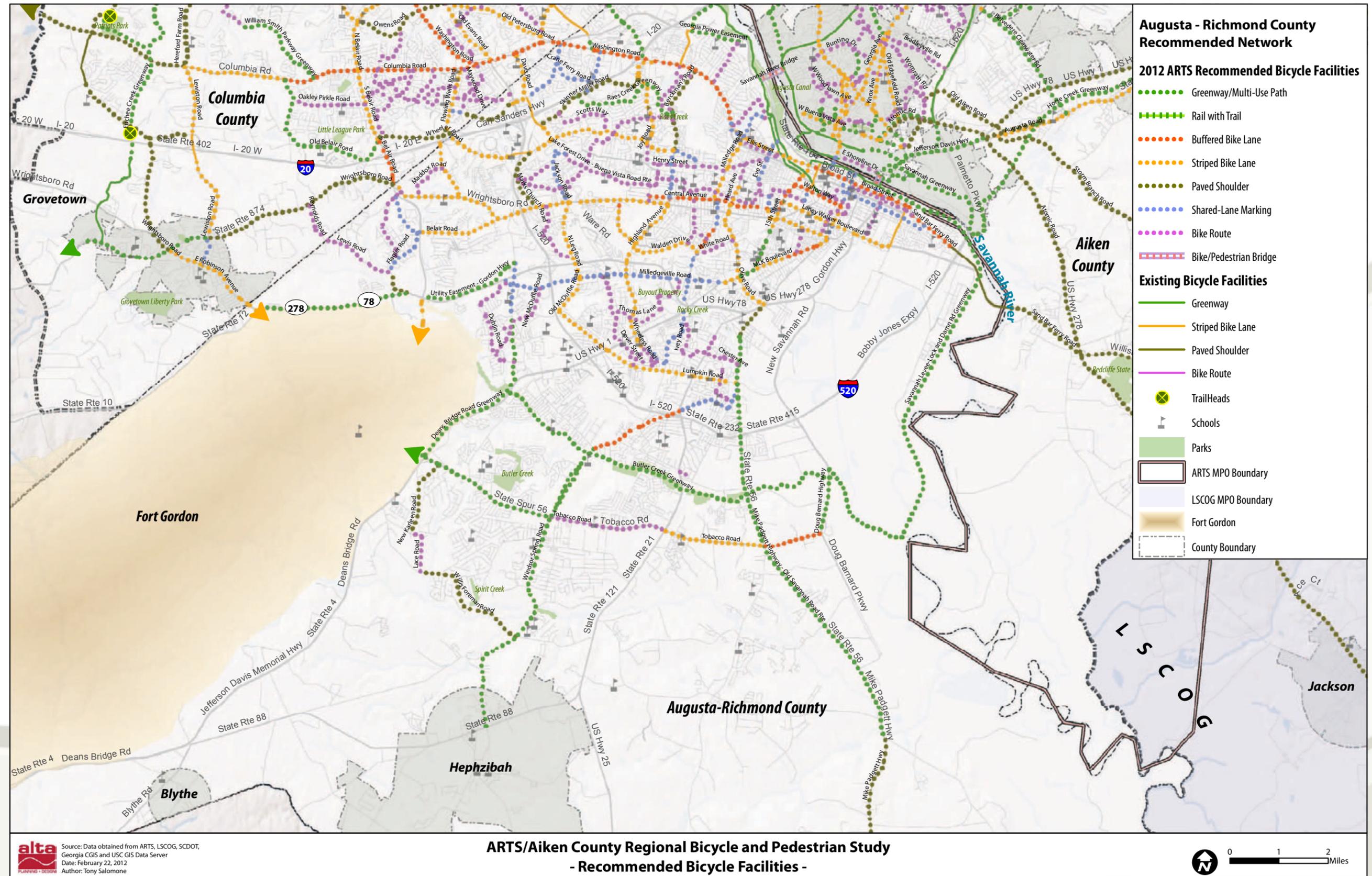


Figure 7-7: Augusta and Richmond Co. Existing and Proposed Bicycle Network



 Source: Data obtained from ARTS, LSCOG, SCDOT, Georgia CGIS and USC GIS Data Server
Date: February 22, 2012
Author: Tony Salomone

ARTS/Aiken County Regional Bicycle and Pedestrian Study
- Recommended Bicycle Facilities -

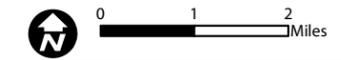


Figure 7-8: Augusta and North Augusta Metro Region Existing and Proposed Bicycle Network

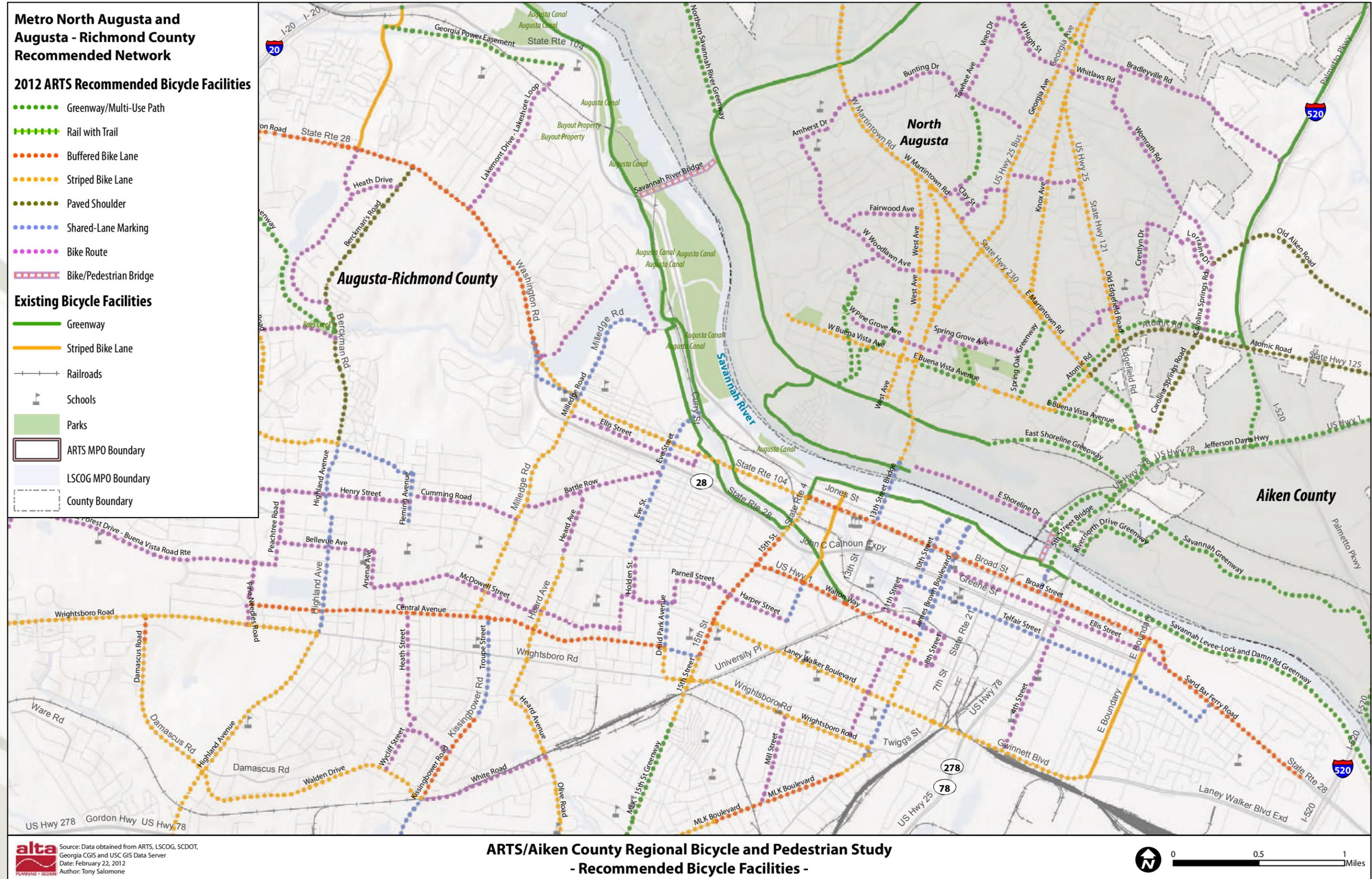


Figure 7-9: Columbia Co. Existing and Proposed Bicycle Network

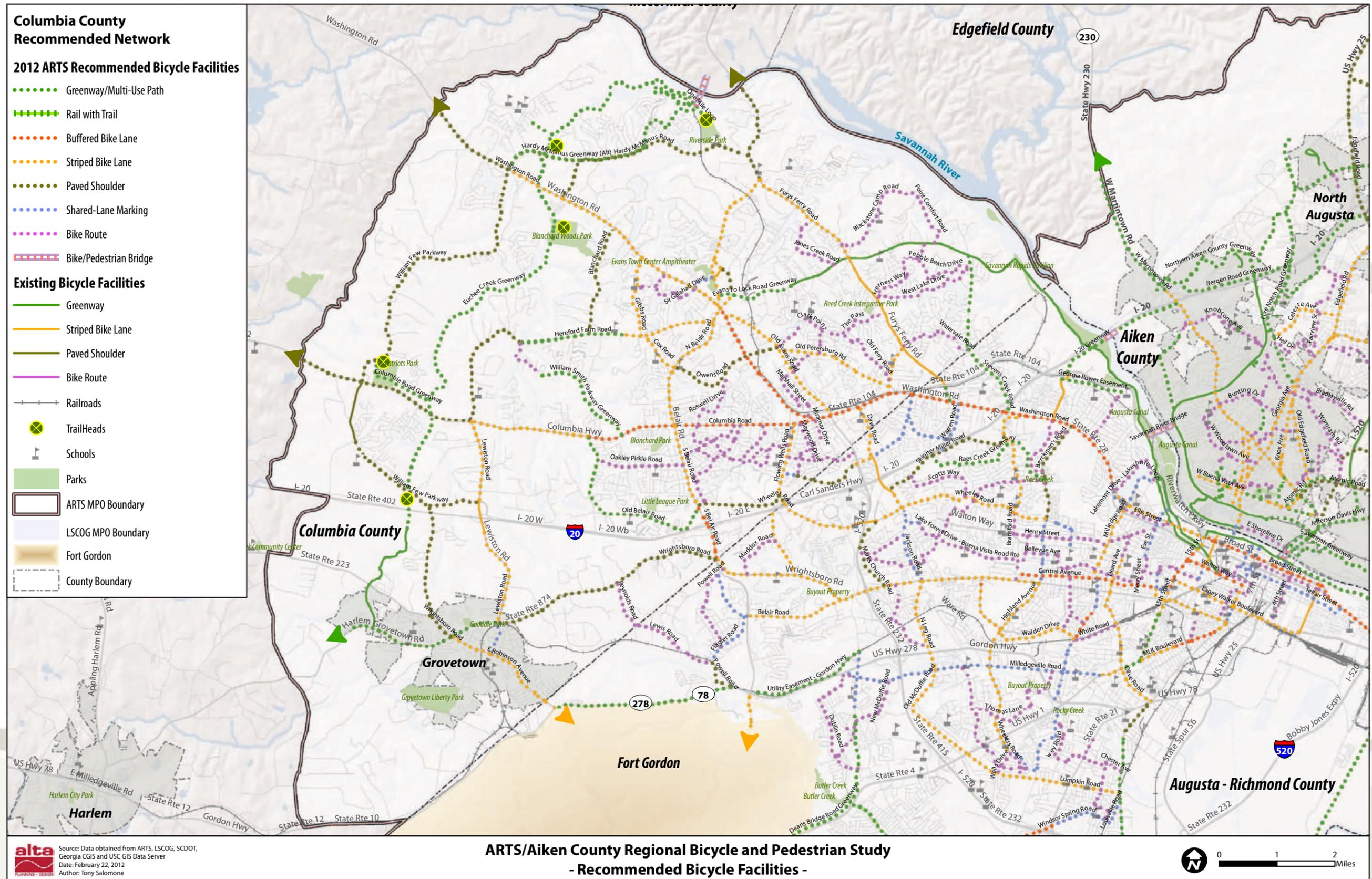


Figure 7-10: Aiken Co. Existing and Proposed Bicycle Network

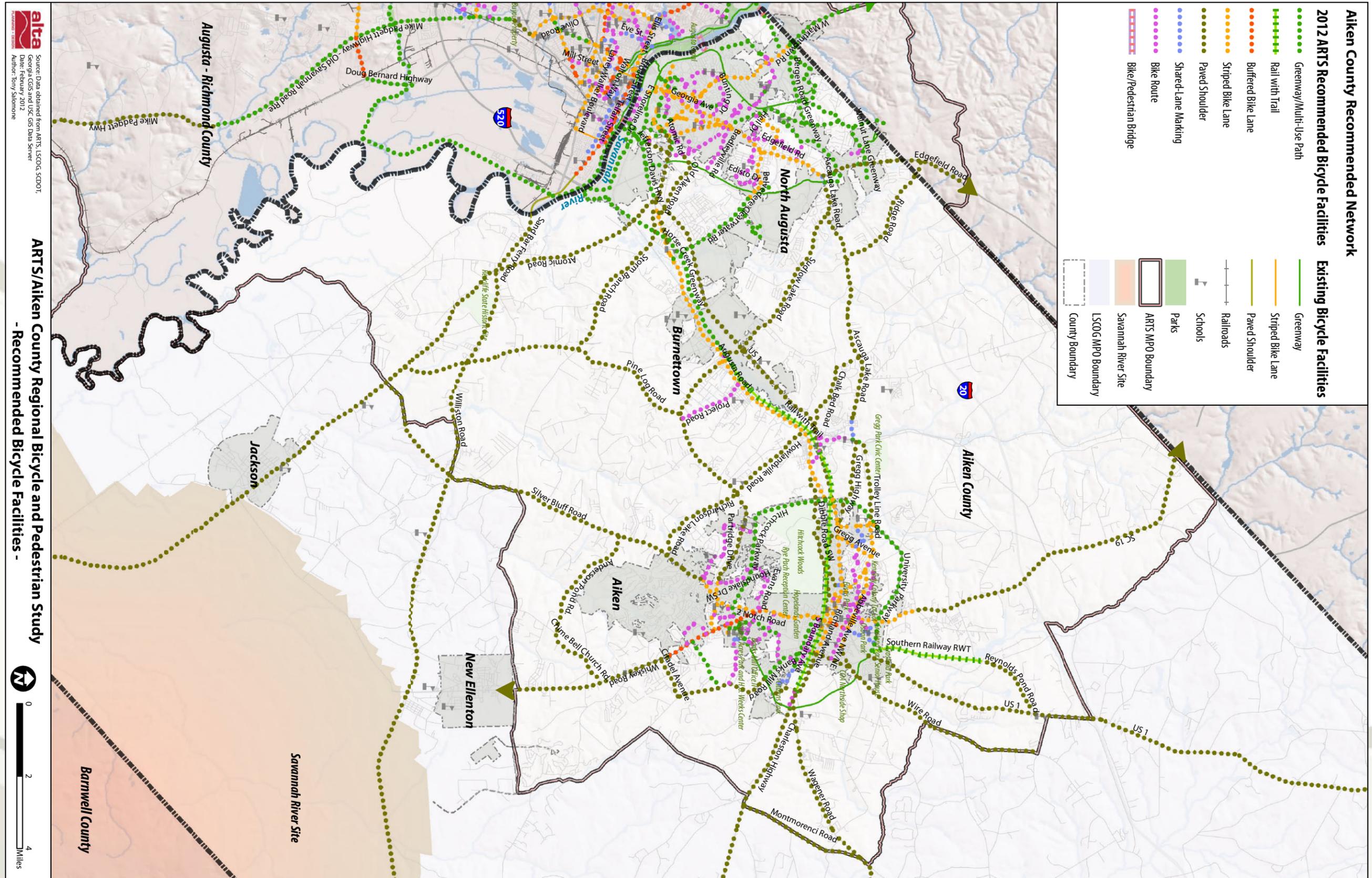
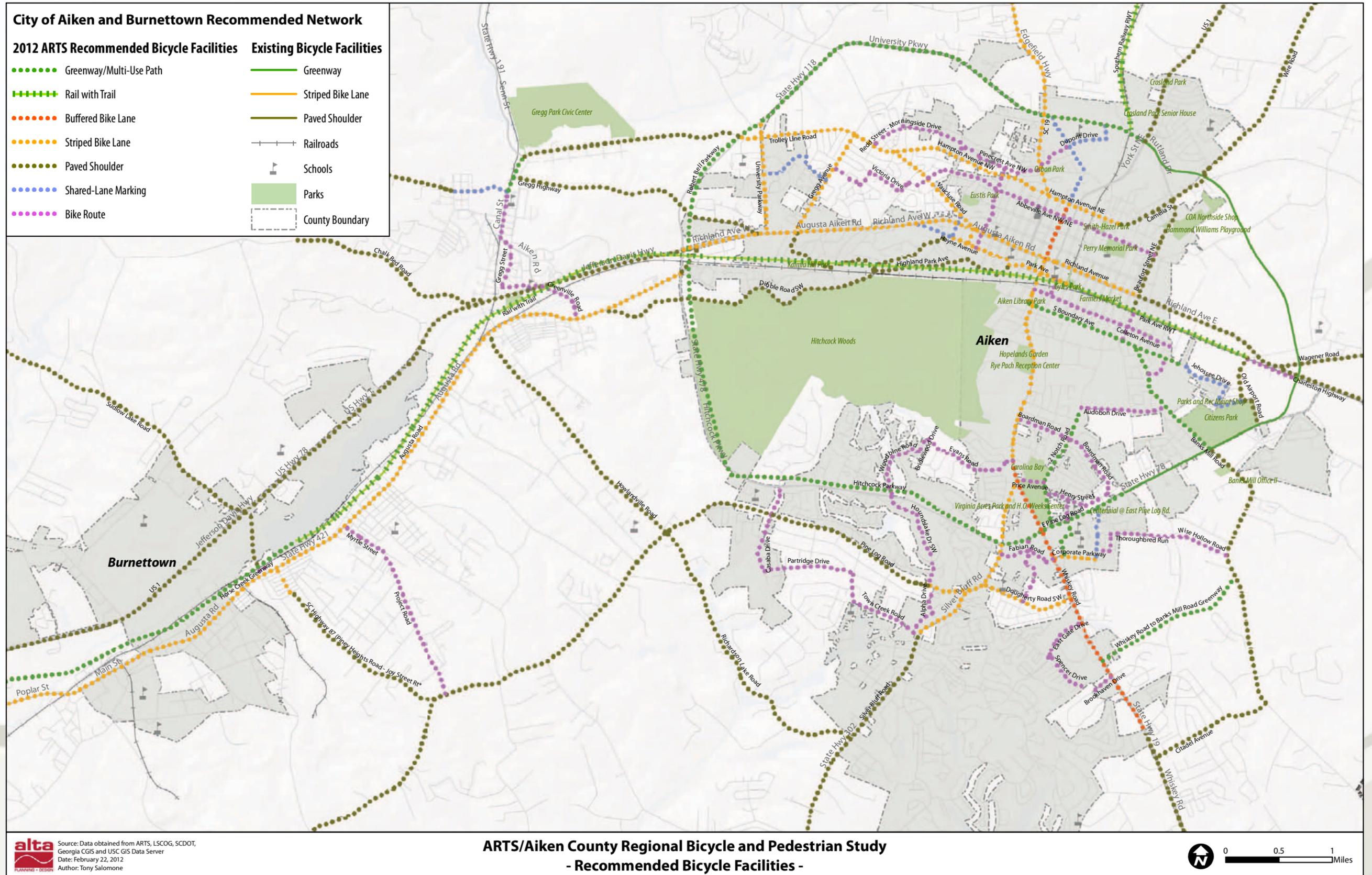


Figure 7-11: Aiken and Burnettown Existing and Proposed Bicycle Network





Recommended Bicycle Lanes

Bicycle lanes provide a signed, striped, and stenciled lane for one-way travel on both sides of a roadway. Bicycle lanes are often used by commuters, bicycle enthusiasts, and casual riders (if on lower volume and lower speed roadways). Bicycle lanes are often recommended on roadways with moderate traffic volumes and speeds and where separation of users facilitates safer operation.

On higher volume roadways that serve as important connections in the bikeway network, this Plan recommends Buffered Bicycle Lanes, as shown in Table 7-4. Buffered Bicycle Lanes provide additional separation between the bicyclist and motor vehicle traffic.

A total of 154.45 miles of Bicycle Lanes and Buffered Bicycle Lanes are recommended for the ARTS region. Further detail regarding the application of Bicycle Lanes and Buffered Bicycle Lanes is provided in the Design Guidelines of this Plan, found in Appendix E.

Table 7-4: ARTS Recommended Bicycle Lanes

Corridor	From	To	Facility Type	Implementation Strategy	Length (mi)	County
Chesterfield Street NW	Hampton Avenue NW	Richland Avenue	Buffered Bike Lane	Lane Narrowing	0.58	Aiken
Whiskey Road	Kings Grant Drive	Powderhouse Road	Buffered Bike Lane	Road Widening	2.82	Aiken
Piney Heights Road - Joy Street (SC Highway 87)	Nettie Lane	Highway 421	Bike Lane	Lane Narrowing	0.27	Aiken
Augusta Road	Stadium Circle	Storm Branch Road	Bike Lane	Lane Narrowing	7.28	Aiken
Carolina Ave	Georgia Avenue	W Marintown Road	Bike Lane	Lane Narrowing	0.79	Aiken
Chesterfield Street NW	Richland Avenue	Whiskey Road	Bike Lane	Lane Narrowing	0.55	Aiken
Corporate Parkway	Whiskey Road	Centennial Avenue	Bike Lane	Lane Narrowing	0.40	Aiken
Hampton Avenue NE	Camille Street	Greenville Street NW	Bike Lane	Lane Narrowing	0.42	Aiken
Hayne Avenue	Park Avenue	Linden Street SW	Bike Lane	Lane Narrowing	0.62	Aiken
Pine Log Road	Houndslake Drive	Silver Bluff Road	Bike Lane	Lane Narrowing	0.41	Aiken
Richland Avenue	Vaucluse Drive	Beaufort Street NE	Bike Lane	Lane Narrowing	1.65	Aiken
Silver Bluff Road	Pine Log Road	Indian Creek Trail	Bike Lane	Lane Narrowing	1.19	Aiken
Vaucluse Road	Trolley Line Road	Richland Ave	Bike Lane	Lane Narrowing	1.06	Aiken
W Buena Vista Ave	Georgia Avenue	Georgetwon Drive	Bike Lane	Lane Narrowing	0.81	Aiken



Corridor	From	To	Facility Type	Implementation Strategy	Length (mi)	County
W Martintown Rd	I-20 On Ramps (South)	I-20 On Ramps (North)	Bike Lane	Lane Narrowing	0.52	Aiken
Waterloo Street	Hayne Avenue	Richland Avenue	Bike Lane	Lane Narrowing	0.14	Aiken
West Ave	W Marintown Road	End of West Ave	Bike Lane	Lane Narrowing	1.38	Aiken
Whiskey Road	Boardman Road	Kings Grant Drive	Bike Lane	Lane Narrowing	1.52	Aiken
Park Ave	Union Street	Highland Park Avenue	Bike Lane	Parking Reduction	0.58	Aiken
Augusta Road	Hitchcock Parkway	Stadium Circle	Bike Lane	Road Diet	1.38	Aiken
Atomic Rd	E Buena Vista Avenue	Martintown Road	Bike Lane	Road Widening	0.30	Aiken
Belvedere Clearwater Rd	Edgefield Road	Palmetto Parkway	Bike Lane	Road Widening	1.70	Aiken
Celeste Ave	Five Notch Road	Edgefield Road	Bike Lane	Road Widening	1.36	Aiken
Dougherty Road SW	Whiskey Road	Silver Bluff Road	Bike Lane	Road Widening	0.90	Aiken
E Buena Vista Avenue	Atomic Road	Riverside Blvd	Bike Lane	Road Widening	0.50	Aiken
E Martintown Rd	Georgia Avenue	Atomic Road	Bike Lane	Road Widening	0.96	Aiken
Edgefield Rd	Knox Ave	Ascauga Ave	Bike Lane	Road Widening	2.72	Aiken
Floyd Ave	E Buena Vista Avenue	E Marintown Road	Bike Lane	Road Widening	0.08	Aiken
Georgia Ave	13th Street Bridge	Knox Ave	Bike Lane	Road Widening	2.86	Aiken
Gregg Avenue	Richland Avenue W	Trolley Line Road	Bike Lane	Road Widening	1.08	Aiken
Hampton Avenue NW	Greenville Street NW	Trolley Line Road	Bike Lane	Road Widening	1.38	Aiken
Knox Ave	E Marintown Road	Edgefield Road	Bike Lane	Road Widening	2.21	Aiken
Old Edgefield Road	Knox Avenue	Atomic Road	Bike Lane	Road Widening	1.51	Aiken
Richland Avenue	Augusta Road	Hitchcock Pkwy	Bike Lane	Road Widening	2.79	Aiken
SC 19	Hampton Avenue	Shiloh Heights Road	Bike Lane	Road Widening	2.00	Aiken
Silver Bluff Road	Whiskey Road	Pine Log Road	Bike Lane	Road Widening	0.62	Aiken
Trolley Line Road	University Parkway	Vaucluse Drive	Bike Lane	Road Widening	1.51	Aiken



Corridor	From	To	Facility Type	Implementation Strategy	Length (mi)	County
University Parkway	Richland Avenue W	Robert M Bell Parkway	Bike Lane	Road Widening	1.05	Aiken
W Martintown Rd	Georgia Avenue	I-20 On Ramps (South)	Bike Lane	Road Widening	2.96	Aiken
15th Street	Government Road	Harper Street	Buffered Bike Lane	Lane Narrowing	0.41	Augusta-Richmond
15th Street	Pope Avenue	Walton Way	Buffered Bike Lane	Lane Narrowing	0.24	Augusta-Richmond
15th Street	Walton Way	John C Calhoun Overpass	Buffered Bike Lane	Lane Narrowing	0.50	Augusta-Richmond
Central Avenue	Pine Needle Road	Monte Sano Avenue	Buffered Bike Lane	Lane Narrowing	0.63	Augusta-Richmond
Damascus Road	W Hancock Road	Wrightsboro Road	Buffered Bike Lane	Lane Narrowing	0.14	Augusta-Richmond
Kissingbower Road	White Road	Woodland Avenue	Buffered Bike Lane	Lane Narrowing	0.56	Augusta-Richmond
MLK Boulevard	15th Avenue	Twiggs Street	Buffered Bike Lane	Lane Narrowing	0.69	Augusta-Richmond
Twiggs Street	MLK Boulevard	9th Street	Buffered Bike Lane	Lane Narrowing	0.08	Augusta-Richmond
Walton Way	15th Street	10th Street	Buffered Bike Lane	Lane Narrowing	0.92	Augusta-Richmond
Windsor Spring Road	Peach Orchard Road	Meadowbrook Drive	Buffered Bike Lane	Lane Narrowing	1.92	Augusta-Richmond
Broad Street - Sand Bar Ferry Road	US 1	Fair Hope Street	Buffered Bike Lane	Parking Reduction	1.42	Augusta-Richmond
Broad Street	10th Street	US 1	Buffered Bike Lane	Parking Reduction	1.21	Augusta-Richmond
Broad Street	15th Street	10th Street	Buffered Bike Lane	Road Diet	0.75	Augusta-Richmond
Central Avenue	Monte Sano Avenue	Druid Park Avenue	Buffered Bike Lane	Road Diet	1.85	Augusta-Richmond



Corridor	From	To	Facility Type	Implementation Strategy	Length (mi)	County
Tobacco Road	Doug Bernard Highway	Gracewood Elementary School	Buffered Bike Lane	Road Diet	1.20	Augusta-Richmond
Walton Way	10th Street	James Brown Boulevard (9th Street)	Buffered Bike Lane	Road Diet	0.12	Augusta-Richmond
Washington Road	Old Petersburg Road	Broad Street	Buffered Bike Lane	Road Widening	4.22	Augusta-Richmond
15th Street	John C Calhoun Overpass	Broad Street	Bike Lane	Lane Narrowing	0.24	Augusta-Richmond
7th Avenue @ Fort Gordon	Gordon Highway	Fort Gordon Boundary	Bike Lane	Lane Narrowing	0.76	Augusta-Richmond
Boy Scout Road	Joy Road	Washington Road	Bike Lane	Lane Narrowing	1.91	Augusta-Richmond
Druid Park Avenue	Central Avenue	Wrightsboro Road	Bike Lane	Lane Narrowing	0.17	Augusta-Richmond
Heard Avenue	Olive Road	Walton Way	Bike Lane	Lane Narrowing	1.26	Augusta-Richmond
James Brown Boulevard	Laney Walker Boulevard	Walton Way	Bike Lane	Lane Narrowing	0.40	Augusta-Richmond
Joy Road	Wheeler Road	Boy Scout Road	Bike Lane	Lane Narrowing	0.23	Augusta-Richmond
Lumpkin Road	Deans Bridge Road	Old McDuffie Road	Bike Lane	Lane Narrowing	1.26	Augusta-Richmond
Milledge Road	Central Avenue	Broad Street	Bike Lane	Lane Narrowing	1.43	Augusta-Richmond
MLK Boulevard	15th Avenue	Twiggs Street	Bike Lane	Lane Narrowing	0.63	Augusta-Richmond
Old McDuffie Road	Lumpkin Road	Milledgeville Road	Bike Lane	Lane Narrowing	0.82	Augusta-Richmond
Olive Road	Heard Avenue	Gordon Highway	Bike Lane	Lane Narrowing	1.69	Augusta-Richmond
Pleasant Home Road - Scott Nixon Memorial Drive	Walton Way Exd	NW Frontage Road	Bike Lane	Lane Narrowing	0.36	Augusta-Richmond
Twiggs Street	MLK Boulevard	9th Street	Bike Lane	Lane Narrowing	0.22	Augusta-Richmond
Walden Drive	Highland Ave	Kissingbower Road	Bike Lane	Lane Narrowing	1.49	Augusta-Richmond
Walton Way Exd	Jackson Road	Skinner Miller Road	Bike Lane	Lane Narrowing	0.37	Augusta-Richmond
Wheeler Road	Highland Avenue	Marks Church Road	Bike Lane	Lane Narrowing	3.19	Augusta-Richmond
Wheeler Road	Perimeter Parkway	Wellsbo Court	Bike Lane	Lane Narrowing	1.34	Augusta-Richmond



Corridor	From	To	Facility Type	Implementation Strategy	Length (mi)	County
Wheeless Road	Wells Drive	Gordon Highway	Bike Lane	Lane Narrowing	1.37	Augusta-Richmond
Wrightsboro Road	Druid Park Avenue	James Brown Blvd	Bike Lane	Lane Narrowing	1.29	Augusta-Richmond
Highland Avenue	Gordon Highway	Wrightsboro Road	Bike Lane	Road Diet	1.47	Augusta-Richmond
Laney Walker Boulevard	E Boundary Street	15th Street	Bike Lane	Road Diet	2.38	Augusta-Richmond
Tobacco Road	Gracewood Elementary School	Peach Orchard Road	Bike Lane	Road Diet	2.06	Augusta-Richmond
15th Street	Government Road	Central Avenue	Bike Lane	Road Widening	0.41	Augusta-Richmond
Belair Road	Jimmy Dyes Parkway	Wrightsboro Road	Bike Lane	Road Widening	1.68	Augusta-Richmond
Damascus Road	Highland Avenue	W Hancock Road	Bike Lane	Road Widening	0.92	Augusta-Richmond
Flowing Wells Road	Wheeler Road	Columbia Road	Bike Lane	Road Widening	1.17	Augusta-Richmond
Lumpkin Road	Mike Padgett Highway	Deans Bridge Road	Bike Lane	Road Widening	2.77	Augusta-Richmond
Milledgeville Road	15th Street	Deans Bridge Road	Bike Lane	Road Widening	0.42	Augusta-Richmond
N Leg Road	Wylde Road	Wrightsboro Road	Bike Lane	Road Widening	1.60	Augusta-Richmond
Wheeless Road	Wells Drive	Gordon Highway	Bike Lane	Road Widening	0.51	Augusta-Richmond
Wrightsboro Road	Belair Road	Jimmy Dyes Parkway	Bike Lane	Road Widening	2.41	Augusta-Richmond
Wrightsboro Road	North Leg Road	Belair Road	Bike Lane	Road Widening	1.46	Augusta-Richmond
Wrightsboro Road	Pine Needle Road	Highland Avenue	Bike Lane	Road Widening	0.41	Augusta-Richmond
Wrightsboro Road	Pine Needle Road	N Leg Road	Bike Lane	Road Widening	1.62	Augusta-Richmond
S Bel Air Road	Wrightsboro Road	Wheeler Road	Buffered Bike Lane	Lane Narrowing	1.10	Columbia
Columbia Road	Old Belair Road	Washington Road	Buffered Bike Lane	Road Widening	4.04	Columbia
Washington Road	Columbia Road	Broad Street	Buffered Bike Lane	Road Widening	1.70	Columbia
Washington Road	Pleasant Home Road	N Belair Road	Buffered Bike Lane	Road Widening	2.62	Columbia



Corridor	From	To	Facility Type	Implementation Strategy	Length (mi)	County
Baston Drive	Furys Ferry Road	Old Petersburg Road	Bike Lane	Lane Narrowing	0.75	Columbia
E Robinson Avenue	Harlem Grovetown Road	Woodward Drive	Bike Lane	Lane Narrowing	1.35	Columbia
N Belair Road	Columbia Road	Town Park Lane	Bike Lane	Lane Narrowing	1.68	Columbia
Old Petersburg Rd	Old Evans Road	Murray Drive	Bike Lane	Lane Narrowing	0.48	Columbia
S Belair Road	Wheeler Road	Columbia Road	Bike Lane	Lane Narrowing	1.48	Columbia
Columbia Road	Old Belair Road	Lewiston Road	Bike Lane	Road Widening	2.06	Columbia
Cox Road	Hereford Farm Road	N Belair Road	Bike Lane	Road Widening	0.82	Columbia
E Robinson Avenue	Woodward Drive	Gordon Highway	Bike Lane	Road Widening	0.90	Columbia
Evans Town Center	Washington Road	N Belair Road	Bike Lane	Road Widening	0.83	Columbia
Furys Ferry Road	N Belair Road	Evans to Locks Road	Bike Lane	Road Widening	2.09	Columbia
Gibbs Road	Hereford Farm Road	Washington Road	Bike Lane	Road Widening	1.43	Columbia
Hereford Farm Road	Evans Middle School	N Belair Road	Bike Lane	Road Widening	1.61	Columbia
Lewiston Road	William Few Parkway	Columbia Road	Bike Lane	Road Widening	1.42	Columbia
Lewiston Road	Wrightsboro Road	Steiner Way	Bike Lane	Road Widening	1.76	Columbia
N Belair Road	Town Park Lane	Evans to Locks Road	Bike Lane	Road Widening	1.04	Columbia
N Belair Road	Ronald Reagan Drive	Furys Ferry Road	Bike Lane	Road Widening	1.90	Columbia
Old Evans Road	Washington Road N	Washington Road S	Bike Lane	Road Widening	2.59	Columbia
Old Petersburg Road	Old Evans Road	Baston Drive	Bike Lane	Road Widening	1.57	Columbia
Washington Road	Hardy McManus Road	William Few Parkway	Bike Lane	Road Widening	1.06	Columbia
Washington Road	Old Evans Road	Hardy McManus Road	Bike Lane	Road Widening	3.35	Columbia
Davis Road	Pleasant Home Road	Washington Road	Bike Lane	Lane Narrowing	0.95	Columbia /Augusta-Richmond
Flowing Wells Road	Wheeler Road	Columbia Road	Bike Lane	Road Widening	2.43	Columbia /Augusta-Richmond



Recommended Roadways with Shared-Lane Markings

Roadways with Shared Lane Markings (SLMs), or Sharrows, are bicycle routes with stencils in the travel lane for bicycle accommodation. This plan recommends Sharrows be used on bikeway corridors where there are narrow travel lanes, high parking turn over, when bicyclists may need assistance with lane positioning, and where drivers may need additional notice to expect bicyclists regardless of the auto parking configuration. Sharrows will improve bicyclist mobility and access while increasing driver and bicyclist awareness. For all Roadways with Shared-Lane Markings, the implementation strategy is to add pavement markings.

As shown in Table 7-5, a total of 39.10 miles of roadways with Shared-Lane Markings are recommended for the ARTS region. Further detail regarding the purpose and application of Sharrows is provided in the Design Guidelines of this Plan, found in Appendix E.

Table 7-5: ARTS Recommended Shared Lane Markings

Corridor	From	To	Length (mi)	County
13th Street Bridge	13th St bike lane on SC side of Savannah River	Broad Street on GA side of Savannah River	0.38	Aiken County
Aiken Street - 2nd Street	Canal Street	Ergle Street	0.53	Aiken County
Ascauga Lake Road	100 yards east of Whitehall Road	Edgefield Road	0.13	Aiken County
Ascauga Lake Road	100 yards east of Whitehall Road	Edgefield Road	0.25	Aiken County
Centennial Avenue	Corporate Parkway	E Pine Log Road	0.50	Aiken County
Chesterfield Street NW	Columbia Avenue	Hampton Avenue NW	0.32	Aiken County
Damon Street	Jehossee Dr.	Old Airport Rd.	0.66	Aiken County
Dupont Drive	Rutland Drive	Teague St NW	0.49	Aiken County
Hayne Avenue	Linden Street SW	Richland Avenue	0.35	Aiken County
Hudson Road	Medical Park Drive	Gregg Avenue	0.32	Aiken County
Jehossee Drive	Cherokee St SE	Damon St.	0.26	Aiken County
Linden Street SW	Hayne Ave SW	Vaucluse Road	0.23	Aiken County
Medical Park Drive	Hudson Road	University Parkway	0.47	Aiken County
S Boundary Ave	Cherokee St SE	Old Airport Road	0.46	Aiken County
Teague St NW	Rutland Drive	Columbia Avenue NW	0.62	Aiken County
10th Street	Telfair Street	End of Telfair Street (Cul-de-Sac)	0.48	Augusta-Richmond County
5th Street	Broad Street	5th Street Bridge	0.18	Augusta-Richmond County
Barton Chapel Road	London Boulevard	Proposed Gordon Hwy Greenway	1.07	Augusta-Richmond County
Belair Road	Powell Road	Jimmy Dyes Parkway	0.97	Augusta-Richmond County
Broad Street	15th Street	Washington Road	5.92	Augusta-Richmond County
Central Avenue	Druid Park Avenue	15th Street	0.20	Augusta-Richmond County



Corridor	From	To	Length (mi)	County
Crane Ferry Road	Pleasant Home Road	Warren Road	0.85	Augusta-Richmond County
Druid Park Avenue	Central Avenue	McNally Street	0.27	Augusta-Richmond County
Eve Street	Battle Row	Goodrich St/ Greenway	0.44	Augusta-Richmond County
Eve Street	Battle Row	Walton Way	0.51	Augusta-Richmond County
Flagler Road	Belair Road	Powell Road	1.05	Augusta-Richmond County
Fleming Avenue	Walton Way	Wheeler Road	0.30	Augusta-Richmond County
Highland Avenue	Wrightsboro Road	Wheeler Road	1.12	Augusta-Richmond County
Jackson Road	Wrightsboro Road	Wheeler Road	1.36	Augusta-Richmond County
James Brown Boulevard	Twiggs Street	Laney Walker Boulevard	0.40	Augusta-Richmond County
James Brown Boulevard	Walton Way	End of James Brown Blvd	0.76	Augusta-Richmond County
Kissingbower Road	Gordon Highway	White Road	1.10	Augusta-Richmond County
Lake Course Drive (Broad Street SB)	Milledge Road	Washington Road	0.51	Augusta-Richmond County
Louisville Road	Mike Padgett Highway	Windsor Spring Road	0.42	Augusta-Richmond County
Milledge Road	Broad Street	Lakeshore Loop	0.70	Augusta-Richmond County
Milledgeville Road	Deans Bridge Road	Gordon Highway (westernmost intersection)	4.45	Augusta-Richmond County
Oak Street	Telfair Street	Sand Bar Ferry Road	0.13	Augusta-Richmond County
Pleasant Home Road	Washington Road	Walton Way Exd	1.38	Augusta-Richmond County
Richmond Hill Road	Deans Bridge Road	Ruby Drive	1.27	Augusta-Richmond County
Ruby Drive	Richmond Hill Road	Wells Drive	0.60	Augusta-Richmond County
St Sebastian Way	Walton Way	Harper Street	0.25	Augusta-Richmond County
Telfair Street	Oak Street	11th Street	1.91	Augusta-Richmond County
Troupe Street	Woodland Avenue	Central Avenue	0.59	Augusta-Richmond County



Corridor	From	To	Length (mi)	County
Walton Way	W Lake Forest Drive	Jackson Road	0.23	Augusta-Richmond County
Warren Road	Skinner Miller Road	Washington Road	0.94	Augusta-Richmond County
Wheeler Road	Fleming Avenue	Highland Avenue	0.48	Augusta-Richmond County
Windsor Spring Road	Louisville Road	Peach Orchard Road	1.06	Augusta-Richmond County
Katherine Street	Wrightsboro Road	E Robinson Avenue	0.60	Columbia County
Pleasant Home Road - Scott Nixon Memorial Drive	Old Anderson Road	Flowing Wells Road	0.22	Columbia County
Ronald Reagan Drive	Washington Road	N Belair Road	0.40	Columbia County

Recommended Bicycle Routes

Bicycle Routes provide for shared roadway use and are generally only identified with signing. Bicycle Routes may have a wide travel lane or shoulder that allow for parallel travel with automobiles, or they may be a typical residential street with very low traffic volumes and speeds.

The recommended Bicycle Routes provide connections through residential areas connecting residents to schools, retail districts, and other community destinations, typically without having to travel on main arterial roadways. Table 7-6 lists the recommended Bicycle Routes of this Plan. For all routes, the implementation strategy is adding signage.

The Bicycle Route network recommended for the ARTS region totals 131.58 miles. Further detail regarding the purpose and application of a Bicycle Route network is provided in the Design Guidelines of this Plan, found in Appendix E.

Table 7-6: ARTS Recommended Bicycle Routes

Corridor	From	To	Length (mi)	County
Abbeville Ave NW/NE	Congaree Ave NW	Beaufort Street NE	2.15	Aiken
Aiken Road - Canal Street	Gregg Street	2nd Street	0.57	Aiken
Alpha Drive	Pine Log Road	Seven Oaks Drive	0.25	Aiken
Alta Vista Ave	Mokateen Avenue	W Woodlawn Avenue	0.21	Aiken
Amherst Drive	W Woodlawn Avenue	Bunting Drive	0.18	Aiken
AP Nivens St	Aiken Road	Gregg Street	0.35	Aiken
Assembly Street	Washington Circle	Congress Drive	0.06	Aiken
Audobon Drive	Banks Mill Road	Two Notch Road	0.81	Aiken
Austin St	Weston Street	Crestlyn Drive	0.19	Aiken
Baker Street	Project Road	Myrtle Street	0.05	Aiken
Beaufort Street SE	Park Ave SE	S Boundary Street	0.28	Aiken
Boardman Road	Henry Street	Whiskey Road	1.19	Aiken
Bradleyville Rd	Knox Avenue	Palmetto Parkway	1.42	Aiken



Corridor	From	To	Length (mi)	County
Bridlewood Drive	Evans Road	Woodbine Road	0.16	Aiken
Brookhaven Drive	Whiskey Road	Spencer Drive	0.24	Aiken
Bunting Dr	Amherst Drive	End of Bunting Drive	1.37	Aiken
Carolina Springs Rd	Atomic Road	Lorraine Drive	0.39	Aiken
Casaba Drive	Partridge Drive	Pine Log Road	0.56	Aiken
Cascade Dr	Cadada Court	Green Forest Drive	0.08	Aiken
Cherry Laurel Dr	Walnut Drive	Oakland Drive	0.17	Aiken
Clay St	Hampton Avenue	Observatory Avenue	0.15	Aiken
Clearmont Dr	Wooden Ave	Edgefield Road	0.53	Aiken
Colleton Avenue	Timberlane Road	Chesterfield Street NW	1.44	Aiken
Collier Street	Henry Street	E Pine Log Road	0.21	Aiken
Concord Ave	Observatory Ave	Sideral Ave	0.09	Aiken
Congress Drive	Assembly Street	Tennessee Ave NW	0.22	Aiken
Crestlyn Dr	Austin Street	Seymour Drive	0.43	Aiken
Depot Road - Carline Road	Hwy 421	Langley Dam Road	0.12	Aiken
Dove Ave	Vireo Drive	W Hugh Street	0.11	Aiken
Dupont Drive	Teague Street	Gayle Ave	0.26	Aiken
E Hugh St	Georgia Avenue	Knox Drive	0.09	Aiken
E Pine Grove Ave	Georgia Avenue	East Avenue	0.09	Aiken
E Shoreline Drive	Landing Drive	End of Shoreline Drive	0.88	Aiken
E Town Drive	Spring Grove Avenue	Spring Oak Lane	0.05	Aiken
East Ave	E Pine Grove Ave	Spring Grove Lane	0.10	Aiken
East Gate Drive	Spencer Drive	Whiskey Road	0.55	Aiken
Edisto Ave	Victoria Drive	Santee Congaree Ave	0.11	Aiken
Edisto Drive	Monterey Avenue	Ridgefield Drive	0.55	Aiken
Evans Road	Hitchcock Drive SW	Bridlewood Drive	0.91	Aiken
Evelyn Lane	Edgefield Road	Fairview Street	0.15	Aiken
Fabian Road	Ola Hitt Lane	Silver Bluff Road	0.49	Aiken
Fairfield Street	Colleton Avenue	Park Avenue	0.16	Aiken
Fairlane Drive	Pinewood Road	Proposed Pressley Avenue Extension	0.05	Aiken
Fairview Ave	Johnson Road	Clearmont Drive	0.44	Aiken
Fairview St	Evelyn Lane	Celeste Avenue	0.57	Aiken
Fairwood Ave	W Woodlawn Avenue	West Ave	0.49	Aiken
Future Roadway	Old Plantation Road	W Marintown Road	0.13	Aiken
Gayle Ave	Dupont Drive	Laurens Street NW	0.11	Aiken



Corridor	From	To	Length (mi)	County
Gilbert Street	Banks Mill Road	S Boundary Avenue	0.25	Aiken
Green Forest Drive	Cascade Drive	Knotty Pine Drive	0.29	Aiken
Greenville Road	Jefferson Davis Hwy	Augusta Road	0.50	Aiken
Gregg Street	AP Nivens Street	Aiken Road	0.40	Aiken
Hampton Ave	W Marintown Road	Clay Street	0.08	Aiken
Haskell Rd	Lehigh Avenue	Palmetto Avenue	0.09	Aiken
Heil Dr	Five Notch Road	Pressley Avenue	0.29	Aiken
Henry Street	Collier Street	Boardman Road	0.63	Aiken
Hitchcock Drive SW	Whiskey Road	Evans Road	0.08	Aiken
Holly Lane	Floyd Ave	Carolina Springs Road	0.11	Aiken
Houndslake Dr SW	Varden Dr	Pine Log Road	1.03	Aiken
Huntsman Drive SW	Hitchcock Parkway	Pine Log Road	0.28	Aiken
Johnson Rd	Celeste Avenue	Fairview Avenue	0.38	Aiken
Knobcone Ave	W Marintown Road	Pisgah Road	1.29	Aiken
Knollwood Blvd	Pisgah Road	White Pine Drive	0.17	Aiken
Knotty Pine Drive	Green Forest Drive	White Pine Drive	0.17	Aiken
Lamar Lane - Kalmia Forest Drive	Wildwood Drive	Valley Road	0.11	Aiken
Laurens St	E Marintown Road	Yardley Drive	0.25	Aiken
Lecompte Ave	Georgia Avenue	Old Edgefield Road	0.43	Aiken
Lehigh Ave	Haskell Road	Kerr Street	0.15	Aiken
Levels Church Road	Old Airport Road	120' NW of Pine Log Road	0.48	Aiken
Lorraine Drive	Seymour Drive	Womrath Road	0.31	Aiken
Mokateen Ave	Jackson Avenue	Alta Vista Avenue	0.13	Aiken
Monterey Ave	Edisto Drive	Rhomboid Place	0.45	Aiken
Morgan Street NW-Morgan Street SW - Fauberg Street	Pinecrest Avenue	Hayne Avenue	0.80	Aiken
Myrtle Street	Baker Street	Hwy 421	0.47	Aiken
Neilson Street	Pawnee Connector	Dougherty Road	0.27	Aiken
Oak Street	Valley Road	Victoria Drive	0.16	Aiken
Oakland Dr	Redbud Drive	Cherry Laurel Drive	0.24	Aiken
Observatory Ave	W Marintown Road	Concord Avenue	0.18	Aiken
Ola Hitt Lane	Whiskey Road	Fabian Road	0.09	Aiken
Old Plantation Road	Plantation Drive	W Marintown Road	0.21	Aiken
Palmetto Ave	Haskell Road	Rhomboid Place	0.14	Aiken
Partridge Drive	Town Creek Road	Casaba Drive	0.86	Aiken
Pawnee Connector	Pawnee Road	Neilson Street	0.20	Aiken



Corridor	From	To	Length (mi)	County
Pawnee Road	E Pine Log Road	Pawnee Connector	0.22	Aiken
Photinia Drive	Thoroughbred Run	Centennial Avenue	0.30	Aiken
Pinecrest Ave NW	Plunkett Ave NW	Washington Circle	0.41	Aiken
Pinewood Rd	Edgefield Road	Fairlane Drive	0.25	Aiken
Pisgah Rd	Knollwood Blvd	Knobcone Avenue	0.05	Aiken
Plunkett Ave NW	Laurens Street NW	Pinecrest Ave NW	0.21	Aiken
Possible Road	Clay Street	555 Feet North of Clay Street	0.11	Aiken
Pressley Avenue - Pressley Avenue Ext	Heil Drive	Fairlane Drive	0.46	Aiken
Price Avenue	Two Notch Road	Whiskey Road	0.25	Aiken
Project Road	E Pine Log Road	Baker Street	1.41	Aiken
Redd Street - Morningside Drive	Tennessee Ave NW	Trolley Line Road	0.73	Aiken
Rhomboid Place	Monterey Avenue	Palmetto Avenue	0.22	Aiken
Ridgefield Dr	Belvedere Clearwater Road	Edisto Drive	0.48	Aiken
Santee Congaree Ave - Congaree Ave NW	Edisto Ave	Abbeville Ave NW	0.38	Aiken
Seven Oaks Drive	Alpha Drive	Town Creek Road	0.26	Aiken
Seymour Drive	Crestlyn Drive	Lorraine Drive	0.23	Aiken
Sidereal Ave	Concord Avenue	Georgia Avenue	0.11	Aiken
Spencer Drive	Brookhaven Drive	East Gate Drive	0.48	Aiken
Spring Grove Ave	E Town Drive	East Avenue	0.21	Aiken
Spring Oak Lane	End of Spring Oak Lane	E Town Drive	0.27	Aiken
St James St	Edgefield Road	Lehigh Avenue	0.35	Aiken
Thoroughbred Run	Powderhouse Road	Photinia Drive	0.59	Aiken
Towhee Ave	Bunting Drive	Vireo Drive	0.17	Aiken
Town Creek Road	Seven Oaks Drive	Partridge Drive	0.95	Aiken
Valley Road	Kalmia Forest Drive	Oak Street	0.05	Aiken
Varden Road	Woodbine Road	Houndslake Drive	0.10	Aiken
Victoria Drive	Oak Street	Edisto Ave	0.34	Aiken
Vireo Drive	Towhee Avenue	Dove Avenue	0.34	Aiken
W Hugh St	Green Forest Dr	Georgia Avenue	0.68	Aiken
W Pine Grove Ave	Park Avenue	Carolina Avenue	0.47	Aiken
W Woodlawn Ave	Amherst Drive	Georgia Avenue	1.37	Aiken
Washington Circle	Pincrest Ave NW	Assembly Street (northside of W. Circle)	0.22	Aiken



Corridor	From	To	Length (mi)	County
Weston St	Yardley Drive	Austin Street	0.13	Aiken
White Pine Dr	Knollwood Blvd	Knotty Pine Drive	0.12	Aiken
Whitlows Rd	Knox Ave	Womrath Road	0.27	Aiken
Wildwood Drive	Gregg Ave	Lamar Lane	0.20	Aiken
Wise Hollow Road	Banks Mill Road	Powderhouse Road	0.54	Aiken
Womrath Rd	Bradleyville Road	Lorraine Drive	1.38	Aiken
Woodbine Road	Bridlewood Drive	Varden Road	0.59	Aiken
Yardley Dr	Laurens Street	Weston Street	0.07	Aiken
Holden Street	Walton Way	Bransford Ave	0.24	Augusta-Richmond
10th Street	Wrightsboro Road	Dantignac Street	0.58	Augusta-Richmond
11th Street	Fenwick Street	Telfair Street	0.21	Augusta-Richmond
4th Street	Laney Walker Boulevard	Broad Street	0.94	Augusta-Richmond
8th Street	Dantignac	Fenwick Street	0.20	Augusta-Richmond
Abelia Drive	Windsor Spring Road	Kings Grant Drive	0.17	Augusta-Richmond
Allen Ave	Lumpkin Road	Ruby Drive	0.23	Augusta-Richmond
Amsterdam Road	Madrid Road	Old McDuffie Road	0.15	Augusta-Richmond
Arsenal Ave	Bellevue Ave	McDowell Street	0.22	Augusta-Richmond
Aumond Road - Ingleside Drive	Huxley Drive	Berckmans Road	1.65	Augusta-Richmond
Battle Row	Milledge Road	Eve Street	0.82	Augusta-Richmond
Bellevue Ave	Peachtree Road	Arsenal Ave	0.56	Augusta-Richmond
Bransford Ave - McAnally St	Merry Street	Emmett Ave	0.31	Augusta-Richmond
Bransford Road	Wheeler Road	Walton Way	0.41	Augusta-Richmond
Bungalow Road	Richmond Hill Road	Ivey Road	0.10	Augusta-Richmond
Camelia Road - Huxley Drive	Heather Drive	Aumond Road	0.75	Augusta-Richmond
Chafee Ave	Parnell Street	Pope Ave	0.03	Augusta-Richmond
Chester Ave	Mike Padgett Hwy	Danel Ave	0.31	Augusta-Richmond



Corridor	From	To	Length (mi)	County
Crawford Avenue	Ellis Street	Broad Street	0.07	Augusta-Richmond
Cumming Road	Fleming Avenue	Milledge Road	0.64	Augusta-Richmond
Danel Ave	Chester Ave	Kings Grant Drive	0.75	Augusta-Richmond
Dantignac Street	10th Street	8th Street	0.28	Augusta-Richmond
Dover Street	Sheraton Drive	Deans Bridge Road	0.42	Augusta-Richmond
Dublin Road	Madrid Road (@ north end of Dublin)	Massoit drive	1.28	Augusta-Richmond
Ellis Street	James Brown Bld	E Boundary Street	1.23	Augusta-Richmond
Ellis Street	Milledge Road	Crawford Avenue	0.78	Augusta-Richmond
Emmett Ave	McAnally Street	Parnell Street	0.13	Augusta-Richmond
Fenwick Street	13th Street	8th Street	0.61	Augusta-Richmond
Franklin Street	Wells Drive	Allen Ave	0.37	Augusta-Richmond
Golden Camp Road	Milledgeville Road	Deans Bridge Road	1.53	Augusta-Richmond
Harper Street	15th Street	St. Sebastian Way	0.37	Augusta-Richmond
Heard Ave	Walton Way	Battle Row	0.39	Augusta-Richmond
Heath Drive	Stanley Drive	Berckman's Drive	0.28	Augusta-Richmond
Heath Street	McDowell Street	Kimberly Drive	0.86	Augusta-Richmond
Heather Drive	Kamel Drive	Camelia Road	0.48	Augusta-Richmond
Henry Street	Fleming Avenue	Bransford Road	0.99	Augusta-Richmond
Ivey Road	Bungalow Road	Martin Road	0.60	Augusta-Richmond
Jamaica Drive	Jackson Road	Marks Church Road	0.82	Augusta-Richmond
Jennings Road	Thomas Lane	Regency Boulevard	0.31	Augusta-Richmond
Kamel Drive	Alpine Drive	Heather Drive	0.11	Augusta-Richmond
Kimberly Drive	Heath Street	Kissingbower Road	0.28	Augusta-Richmond



Corridor	From	To	Length (mi)	County
Kings Grant Drive	Abelia Drive	Daniel Ave	0.29	Augusta-Richmond
Lace Road	Willis Foremand Road	Lake Erie Drive	0.73	Augusta-Richmond
Lake Forest Drive - Buena Vista Road Rte	Walton Way	Pine Needle Road	2.18	Augusta-Richmond
Lakemont Drive - Lakeshore Loop	Washington Road	Milledge Road	2.30	Augusta-Richmond
Lewis Road	Reynolds Road	Powell Road	1.07	Augusta-Richmond
Lombardy Court	Peachtreet Road	Buena Vista Road	0.13	Augusta-Richmond
Maddox Road	Flowing Wells Road	Wrightsboro Road	0.95	Augusta-Richmond
Madrid Road	Milledgeville Road	Dublin Road	0.80	Augusta-Richmond
Martin Road	Virginia Ave - Circular Road	Ivey Road	0.25	Augusta-Richmond
Massoit Drive	Old McDuffie	Utility Easement Greenway (paralleling Barton Chap	0.31	Augusta-Richmond
McDowell Street	Arsenal Ave	Merry Street	1.56	Augusta-Richmond
Merry Street	McDowell Street	Bransford Ave	0.21	Augusta-Richmond
Mill Street	Wrightsboro Road	Martin Luther King, Jr Blvd	0.53	Augusta-Richmond
New McDuffie Road	Milledgeville Road	Old McDuffie Road	0.58	Augusta-Richmond
Old McDuffie Road	New McDuffie Road	Dublin Road	1.17	Augusta-Richmond
Old Morris Road	Powell Road	Woodside Road	1.29	Augusta-Richmond
Parnell Street	Emmett Ave	Chafee Ave	0.21	Augusta-Richmond
Peach Orchard Road	Circular Drive	Bungalow Road	0.36	Augusta-Richmond
Peachtree Road	Henry Street	Lombardy Court	0.45	Augusta-Richmond
Pine Needle Road	Buena Vista Road	Wrightsboro Road	0.14	Augusta-Richmond
Pope Ave	Chafee Ave	15th St.	0.12	Augusta-Richmond
Powell Road	Flagler Road	Lewis Road	0.45	Augusta-Richmond



Corridor	From	To	Length (mi)	County
Powell Road	Old Morris Road	Wrightsboro Road	0.47	Augusta-Richmond
Regency Boulevard	Jennings Road	Milledgeville Road	0.66	Augusta-Richmond
Ruth Street	Woodside Ave	Flagler Road	0.11	Augusta-Richmond
Sand Bar Ferry Road	E Boundary Street	Broad Street	0.19	Augusta-Richmond
Scotts Way	Skinner Miller Road	Wheeler Road	1.39	Augusta-Richmond
Sheraton Drive	Wells Drive	Dover Street	0.12	Augusta-Richmond
Stanley Drive-Heath Drive-Wicklow Drive Rte	Washington Road	Berckman's Road	1.20	Augusta-Richmond
Tanglewood Drive - Alpine Drive	Marks Church Road	Kamel Drive	1.09	Augusta-Richmond
Thomas Lane	Golden Camp Road	Jennings Road	1.16	Augusta-Richmond
Tobacco Road	Peach Orchard Road	Windsor Spring Road	2.37	Augusta-Richmond
Ulm Road - Lake Erie Drive Rte	Lace Road	New Karleen Road	0.26	Augusta-Richmond
Virginia Ave - Circular Road	Danel Ave	Martin Road	0.82	Augusta-Richmond
Wells Drive	Ruby Drive	Lumpkin Road	0.43	Augusta-Richmond
White Road	Kissingbower Road	Olive Road	0.78	Augusta-Richmond
Woodside Avenue	Bolton Street	Ruth Street	0.13	Augusta-Richmond
Wycliff Street	Kimberly Drive	Walden Drive	0.28	Augusta-Richmond
Wylds Road	Wrightsboro Road	North Leg Road	1.47	Augusta-Richmond
Young Drive	Wells Drive	Franklin Street	0.38	Augusta-Richmond
Allison Road	Hillbrook Drive	Springlakes Drive	0.53	Columbia
Almon Drive	Fairfax Street	Miramar Drive	0.28	Columbia
Bedford Drive	Gibbs Road	Brandermill Road	0.08	Columbia
Bettys Branch Way	Brandermill Road	Country Place Lane	0.10	Columbia
Blackstone Camp Road	Furys Ferry Road	Point Comfort Road	1.87	Columbia
Blue Ridge Drive	Evans to Locke Road	Clark Point	0.61	Columbia
Brandermill Road	Bedford Drive	Bettys Branch Way	0.19	Columbia



Corridor	From	To	Length (mi)	County
Clark Point	Blue Ridge Drive	Old Petersburg Road	0.89	Columbia
Clinton Way W	Matheny Cut	Melrose Drive	0.45	Columbia
Country Place Lane	Washington Road	Graystone Way	0.71	Columbia
Dent Street	Marshall Street	Desoto Drive	0.11	Columbia
Desoto Drive	Dent Street	Hightower Drive	0.19	Columbia
Dresden Drive	Roswell Drive	Columbia Road	0.31	Columbia
Fairfax Street	Pleasant Home Road	Almon Drive	0.63	Columbia
Forest Court	Wheeler Road	Matheny Cut	0.43	Columbia
Graystone Way	Country Place Lane	Sir Galahad Drive	0.16	Columbia
Hammonds Ferry Crossing	Jones Creek Road	Furys Ferry Road	0.63	Columbia
Highlands Lane - Gloucester Ct - Watervale Way	Parliament Road	Watervale Road	0.46	Columbia
Hightower Drive	Desoto Drive	Washington Road (Rail with Trail)	0.23	Columbia
Hillbrook Drive	Columbia Road	Allison Road	0.62	Columbia
Holly Road	S Belair Road	Thomas Drive	0.34	Columbia
Iverness Way	Pebble Beach Drive	Furys Ferry Road	0.73	Columbia
Jones Creek Road	Evans to Locke Road	Hammonds Ferry Crossing	0.73	Columbia
Knollcrest Circle	Sandalwood Drive	Quail Springs Circle	0.58	Columbia
Marshall Street	Vernon Street	Dent Street	0.45	Columbia
Matheny Cut	Forest Court	Clinton Way W	0.20	Columbia
Maywood Drive	Columbia Road	Old Trail Rd E	0.73	Columbia
McCormick Road	Old Petersburg Road	Old Evans Road	0.46	Columbia
Melrose Drive	Merrymont Drive	Thomas Drive	0.33	Columbia
Merrymont Drive	Melrose Drive	Columbia Road	0.78	Columbia
Miramar Drive	Almon Drive	Columbia Road	0.32	Columbia
Oakley Pirkle Road	S Belair Road	Old Belair Road	1.50	Columbia
Od Stevens Creek Road	Evans to Locks Road	Point Comfort Road	0.23	Columbia
Old Ferry Road	Baston Drive	Stagecoach Way	0.90	Columbia
Old Trail Road W - Old Trail Road E	Flowing Wells Road	Bobby Jones Expressway	1.23	Columbia
Pebble Beach Drive	Iverness Way	St Andrews Way	1.79	Columbia
Point Comfort Road	Blackstone Camp Road	Old Stevens Creek Road	0.85	Columbia
Quail Springs Circle	Knollcrest Circle N	Flowing Wells Road	1.01	Columbia
Reynolds Road	Wrightsboro Road	Lewis Road	0.87	Columbia
Roswell Drive	Owens Road	Dresden Drive	0.93	Columbia
Sandalwood Drive	Springlakes Drive	Knollcrest Circle	0.07	Columbia
Shallow Creek Crossing	Stagecoach Way	The Pass	0.24	Columbia



Corridor	From	To	Length (mi)	County
Sir Galahad Drive	Graystone Way	Washington Road	0.33	Columbia
Springlakes Drive	Allison Road	Columbia Road	0.98	Columbia
St Andrews Way	Stevens Creek Road	West Lake Drive	0.10	Columbia
Stagecoach Way	Old Ferry Road	Shallow Creek Crossing	0.16	Columbia
Syglass Road	Evans to Locke Road	Pebble Beach Drive	0.39	Columbia
The Pass	Fury's Ferry Road	Clark Pointe	1.31	Columbia
Thomas Drive	Holly Road	Columbia Road	0.83	Columbia
Vaughn - Parliament Road	Furys Ferry Road	Highlands Lane	0.42	Columbia
Vernon Street	Old Evans Road	Marshall Street	0.26	Columbia
Watervale Road	Watervale Way	Stevens Creek Road	0.66	Columbia
West Lake Drive	St Andrews Way	Iverness Way	1.78	Columbia
William Smith Parkway	Oconee Circle	Hereford Farm Road	0.80	Columbia

Recommended Paved Shoulders

Paved shoulders are a type of separated bikeway, which uses signage and striping to delineate the right-of-way assigned to bicyclists and motorists. Typically found in less dense areas, paved shoulders are paved roadways with striped shoulders wide enough for bicycle travel (generally four to six feet wide). The implementation strategies applicable to the paved shoulder facilities recommended in this Plan are roadway widening, lane narrowing, and parking reduction.

This Plan recommends 252.95 miles of paved shoulders for the ARTS region, as shown in Table 7-7. Further detail regarding the development of a greenway network is provided in the Design Guidelines of this Plan, found in Appendix E.

Table 7-7: ARTS Recommended Paved Shoulders

Corridor	From	To	Length (mi)	County
Storm Branch Road	Pine Log Road	Augusta Road	4.73	Aiken
Anderson Pond Road	Silver Bluff Road	Chime Bell Church Road	3.50	Aiken
Ascauga Lake Road	Ergle Street	100 yards east of Whitehall Road	6.93	Aiken
Atomic Road	Martintown Road	ARTS Boundary	11.47	Aiken
Augusta Road	Hitchcock Parkway	Richland Avenue	1.32	Aiken
Augusta Road - Poplar Street	Stadium Circle	Atomic Road	1.20	Aiken
Banks Mill Road	E Pine Log Road	Citadel Drive	2.67	Aiken
Beaufort Street NE	Camillia Street	Park Ave SE	1.12	Aiken
Breezy Hill Road	Ascauga Lake Road	Chalk Bed Road	0.73	Aiken
Camelia St	Beaufort Street NE	Hampton Avenue NE	0.57	Aiken
Carolina Springs Road	Atomic Road	E Buena Vista Avenue	0.63	Aiken
Chalk Bed Road	Breezy Hill Road	Main Street	1.95	Aiken



Corridor	From	To	Length (mi)	County
Charleston Highway	Old Wagener Road	Montmerenci Road	3.19	Aiken
Chime Bell Church Road	Anderson Pond Road	Whiskey Road	2.59	Aiken
Citadel Avenue	Banks Mill Road	Whiskey Road	1.18	Aiken
Dibble Road SW	Hayne Ave SW	Augusta Road	3.62	Aiken
Gregg Highway	Richland Avenue W	Canal Street	2.46	Aiken
Highland Park Ave	Park Avenue SW	Laurel Drive	3.87	Aiken
Howlandville Road	Pine Log Road	Augusta Road	2.52	Aiken
Jefferson Davis Hwy	Hitchcock Pkwy	GA/SC Line	12.26	Aiken
Langley Dam Road	Carline Road	Sudlow Lake Road	0.58	Aiken
Laurel Drive - Summit Drive - Spring Drive - Meadow Drive	Highland Park Avenue	Richland Ave	0.70	Aiken
Montmorenci Road	Wagener Road	Charleston Highway	3.59	Aiken
Old Aiken Road	Augusta Road	Carolina Springs Road	2.01	Aiken
Old Airport Road	Park Ave SE	E Pine Log Road	0.74	Aiken
Pine Log Road	Atomic Road	Houndslake Drive	14.22	Aiken
Piney Heights Road - Joy Street (SC Highway 87)	Pine Log Road	Nettie Lane	1.74	Aiken
Reynolds Pond Road	Southern Railway RWT (Proposed)	US 1	2.10	Aiken
Richardson Lake Road	Silver Bluff Road	Pine Log Road	2.85	Aiken
Richland Avenue	Beaufort Street NE	Old Wagener Road	1.27	Aiken
Ridge Road	Ascauga Lake Road	Edgefield Road	3.61	Aiken
Sand Bar Ferry Road	SC/GA border	Easternmost ARTS boundary	1.82	Aiken
SC 19	Shilo Heights Road	Aiken/Edgefield County Line	9.17	Aiken
Silver Bluff Road	Indian Creek Trail	Atomic Road	12.13	Aiken
Sudlow Lake Road	Langley Dam Road	Ascauga Lake Road	4.60	Aiken
Trolley Line Road	University Parkway	Canal Street	2.07	Aiken
US 1	Abbeville Avenue	Aiken County Line	24.35	Aiken
US 1	Old Aiken Rd	Augusta Road	9.68	Aiken
US 1	Rutland Drive	ARTS Boundary	6.80	Aiken
Wagener Road	Richland Avenue E	Montmorenci Road	5.07	Aiken
Whiskey Road	Powderhouse Road	ARTS Boundary (South)	4.33	Aiken
Williston Road	Sand Bar Ferry Road	ARTS Bondary	5.97	Aiken
Wire Road	Beaufort Street NE	ARTS boundary	6.09	Aiken
Edgefield Road	Ascauga Lake Road	ARTS Boundary (Edgefield County)	4.17	Aiken / Edgefield
Berckman's Road	Wheeler Road	Washington Road	1.80	Augusta-Richmond



Corridor	From	To	Length (mi)	County
Marks Church Road	Wrightsboro Road	Wheeler Road	1.37	Augusta-Richmond
Mike Padgett Highway - Old Savannah Road Rte	Gordon Highway	Nixon Road	0.75	Augusta-Richmond
Mike Padgett Hwy	Benock Mill Road	ARTS Boundary (S)	5.19	Augusta-Richmond
New Karleen Road	Ulm Road	Tobacco Road	1.61	Augusta-Richmond
Pleasant Home Road - Scott Nixon Memorial Drive	NW Frontage Road	Old Anderson Road	1.18	Augusta-Richmond
Powell Road	Gordon Highway	Flagler Road	0.72	Augusta-Richmond
Skinner Miller Road	Walton Way	Boy Scout Road	2.38	Augusta-Richmond
Willis Foreman Road	Lace Road	Windsor Spring Road	2.61	Augusta-Richmond
Windsor Spring Road	Meadowbrook Drive	Tobacco Road	2.14	Augusta-Richmond
William Few Parkway	Baker Place Road	Lewiston Road	2.62	Columbia
Blanchard Road	Washington Road	Hereford Farm Road	1.96	Columbia
Columbia Road	Lewiston Road	ARTS boundary (West)	3.18	Columbia
Furys Ferry Road	Arts Boundary (North)	N Belair Road	1.82	Columbia
Hardy McManus Road - Hardy McManus Extension	Washington Road	Furys Ferry Road	5.32	Columbia
Hereford Farm Road	Columbia Road	William Smith Parkway	2.24	Columbia
N Belair Road	Evans to Locks Road	Ronald Reagan Drive	0.50	Columbia
Owens Road	N Belair Road	Washington Road	1.54	Columbia
Riverwatch Parkway Extension	Old Petersburg Road	Washington Road	0.56	Columbia
Washington Road	William Few Parkway	ARTS boundary (West)	1.65	Columbia
Wheeler Road	Wellsbo Court	S Belair Road	1.65	Columbia
William Few Parkway	Columbia Road	Washington Road	5.39	Columbia
William Few Parkway	International Parkway	Wrightsboro Road	1.96	Columbia
Wrightsboro Road	Chamblin Road	Harlen Grovetown Road (@ E Robinson Ave)	0.53	Columbia
Wrightsboro Road	Jimmy Dyes Parkway	Lewiston Road	4.13	Columbia



Recommended Greenways

Greenways are facilities separated from roadways for use by bicyclists and pedestrians. These corridors offer excellent transportation and recreation opportunities for bicyclists of all ages and skills. As identified in Table 7-8, the greenways recommended in this Plan may be constructed outside of a roadway right-of-way, such as along greenbelts, rivers, utility corridors, or in parks. Other types of greenways may be constructed within a roadway corridor (listed as “Multi Use Path”), along a new or existing bridge (listed as “Greenway Bridge”), or within the right-of-way of an active rail line (listed as “Rail with Trail”).

A total of 162.39 miles of greenways are recommended for the ARTS region. Further detail regarding the development of a greenway network is provided in the Design Guidelines of this Plan, found in Appendix E.

Table 7-8: ARTS Recommended Greenways

Corridor	From	To	Greenway Type	Length (mi)	County
Amy Circle Greenway	Amy Circle	376' North of Amy Circle	Greenway	0.07	Aiken
East Shoreline Greenway	River Club Lane	Jefferson Davis Hwy	Greenway	0.98	Aiken
Fox Creek Greenway	Fox Creek	Northern Aiken County Greenway	Greenway	0.33	Aiken
Greenway Loop	Edgefield Road	Ascauga Lake Road	Greenway	1.15	Aiken
Gregory Lake Greenway	Gregory Lake Road	Approx 1 Mile S of Gregory Lake Road	Greenway	1.06	Aiken
Horse Creek Greenway	Langley Dam Road	Savannah River	Greenway	3.29	Aiken
Knobcone Greenway Loop	Curtis Drive	Lodgepole Avenue	Greenway	0.22	Aiken
Northern Savannah River Greenway	Existing Greenway (River Oak Drive)	Savannah Barony Drive	Greenway	0.96	Aiken
Palmetto Greenway	Atomic Road	Jefferson Davis Hwy	Greenway	0.60	Aiken
Palmetto Greenway Ext	Existing Palmetto Greenway	1659' N of Palmetto Greenway	Greenway	0.31	Aiken
Savannah Greenway	Goodrich Street	Horse Creek	Greenway	2.89	Aiken
Savannah River Greenway	Gordon Highway	East Shoreline Drive	Greenway	0.25	Aiken
Whiskey Road to Banks Mill Road Greenway	Whiskey Road	Banks Mill Road	Greenway	1.52	Aiken
E Martintown Road	Atomic Road	E Buena Vista Avenue	Multi Use Path	0.42	Aiken
S Aiken Lane	E Pine Log Road	Corporate Parkway	Multi Use Path	0.41	Aiken
Atomic Rd	Buena Vista Ave	Palmetto Parkway	Multi Use Path	1.32	Aiken
Belvedere Road - Belvedere Clearwater Road	Palmetto Parkway	Augusta Road	Multi Use Path	2.74	Aiken



Corridor	From	To	Greenway Type	Length (mi)	County
Bergen Road Greenway	1000 Feet West of I-20 on ramp	Five Notch Road	Multi Use Path	2.11	Aiken
Brookside Avenue Greenway	E Buena Vista Avenue	Spring Grove Avenue	Multi Use Path	0.23	Aiken
Cascade Drive Greenway	Cascade Drive	Springwood Drive	Multi Use Path	0.10	Aiken
Crystal Lake Drive/ Mokateen Avenue Greenway	Bluff Avenue	Jackson Avenue	Multi Use Path	0.76	Aiken
E Buena Vista Avenue	Floyd Ave	Atomic Road	Multi Use Path	0.42	Aiken
E Buena Vista Avenue	Riverside Blvd	Georgia Avenue	Multi Use Path	0.35	Aiken
E Martintown Rd	E Buena Vista Avenue	Marintown Road	Multi Use Path	0.10	Aiken
E Pine Log Road	Silver Bluff Road	Trailwood Avenue	Multi Use Path	1.27	Aiken
Edgefield Road Greenway	Walnut Lane	Austin Graybill Road	Multi Use Path	0.31	Aiken
Five Notch Road Greenway	Knox Road	End of Five Notch Road	Multi Use Path	4.60	Aiken
Gregory Lake Road Greenway	Sedgewood Court	Five Notch Road	Multi Use Path	0.16	Aiken
Hitchcock Parkway	US 1	Whiskey Road	Multi Use Path	4.85	Aiken
I-20 Greenway	Riverwatch Parkway	W. Marintown Road	Multi Use Path	2.05	Aiken
Jefferson Davis Hwy	Marintown Road	Revco Road	Multi Use Path	1.86	Aiken
Lake Avenue Greenway	Terrace Avenue	Jackson Avenue	Multi Use Path	0.73	Aiken
Martintown Rd	E Buena Vista Avenue	Jefferson Davis Hwy	Multi Use Path	0.26	Aiken
Nims Branch River Greenway	1500' N of Old Sudlow Lake Rd	790' S of Old Sudlow Lake Rd	Multi Use Path	0.46	Aiken
Northern Aiken County Greenway	Bergen Road	Edgefield County	Multi Use Path	2.75	Aiken
Old Sudlow Lake Rd	Belvedere Clearwater Road	750 Feet North of Summer Lane	Multi Use Path	1.08	Aiken
Plantation Dr	Savannah Barcony Drive	Old Plantation Road	Multi Use Path	0.14	Aiken
Pole Branch River Greenway	Ponderosa Drive	Edgefield Road	Multi Use Path	2.46	Aiken
Possible Road Greenway	Hampton Avenue	Fieldcrest Drive	Multi Use Path	0.48	Aiken



Corridor	From	To	Greenway Type	Length (mi)	County
Rivernorth Drive Greenway	Proposed Bobby Jones Greenway	End of Rivernorth Drive	Multi Use Path	0.64	Aiken
Robert Bell Parkway	University Parkway	US 1	Multi Use Path	1.46	Aiken
S Boundary Ave	Chesterfield St NW	Cherokee St SE	Multi Use Path	1.59	Aiken
Savannah Barony Dr	Wildmeade Court	Plantation Drive	Multi Use Path	0.58	Aiken
Scott Drive Greenway	Madison Road	Five Notch Road	Multi Use Path	0.21	Aiken
Spring Oak Greenway	Buena Vista Avenue	Marintown Road	Multi Use Path	0.55	Aiken
University Parkway	Robert M Bell Parkway	SC 19	Multi Use Path	4.11	Aiken
Walnut Lane Greenway	Five Notch Road	Edgefield Road	Multi Use Path	1.56	Aiken
Canal Street	Trolley Line Road	2nd Street	Multi Use Path	0.35	Aiken
Two Notch Road	Audobon Road	E Pine Log Road	Multi Use Path	1.21	Aiken
Banks Mill Road	S Boundary Ave	E Pine Log Road	Multi Use Path	1.24	Aiken
Active Rail Line	Greenville Road	Park Avenue	Rail with Trail	4.97	Aiken
Levels Church Road RWT	120' NW of E Pine Log Road	Levels Church Road	Rail with Trail	0.05	Aiken
Park Ave RWT	Old Airport Road	Union Street	Rail with Trail	1.87	Aiken
Langley Pond RWT	State Highway 70	Langley Dam Road	Rail with Trail	3.42	Aiken
Southern Railway RWT	Rutland Drive	Reynolds Pond Road	Rail with Trail	3.08	Aiken
Greenway Bridge			Greenway Bridge	0.19	Aiken
I-20 Greenway	Riverwatch Parkway	W. Marintown Road	Multi Use Path Bridge	0.26	Aiken
Savannah River Bridge Near Riverwatch	Riverwatch Parkway	Riveroak Drive	Greenway Bridge	0.51	Aiken
Georgia Power Easement	Alexander Drive	Eisenhower Drive	Greenway	1.09	Augusta-Richmond
Raes Creek Greenway	Skinner Mill Road	Boy Scout Road	Greenway	2.96	Augusta-Richmond
Savannah Levee-Lock and Damn Rd Greenway	Doug Barnard Parkway	Jefferson Davis Highway	Greenway	11.14	Augusta-Richmond
Gordon Hwy Utility Easement	Milledgeville Road	E Robinson Avenue	Multi Use Path	5.22	Augusta-Richmond



Corridor	From	To	Greenway Type	Length (mi)	County
Tobacco Road - 10th Army Division Road	Windsor Spring Road	Fort Gordon Boundary	Multi Use Path	3.06	Augusta-Richmond
Windsor Spring Road	Tobacco Road	GA Highway 88	Multi Use Path	4.89	Augusta-Richmond
Butler Creek Greenway	Deans Bridge Road	Lock And Dam Road	Multi Use Path	7.66	Augusta-Richmond
Deans Bridge Road Greenway	Tobacco Road	London Boulevard	Multi Use Path	3.77	Augusta-Richmond
MLK - 15th St Greenway	Olive Road	Government Road	Multi Use Path	1.21	Augusta-Richmond
Doug Bernard Highway	Tobacco Road	Lock and Dam Road	Multi Use Path	1.32	Augusta-Richmond
Furys Ferry Road	Riverwatch Parkway	Washington Road	Multi Use Path	0.30	Augusta-Richmond
Mike Padgett Highway - Old Savannah Road Rte	Kellos Drive/Nixon Road	Bennock Mill Road	Multi Use Path	9.14	Augusta-Richmond
Eucler Creek Greenway	Savannah River	Chamblin Road	Greenway	11.05	Columbia
Mansford Lane Connector	Greenway near Spotswood Lane	Mansford Lane	Greenway	0.40	Columbia
One Mile Loop			Greenway	1.92	Columbia
William Smith Parkway Greenway	William Smith Parkway	Columbia Road	Greenway	2.09	Columbia
Wrightsboro Road Greenway	Eucler Trail terminus	I-20	Greenway	0.54	Columbia
Old Belair Road	S Belair Road	Columbia Road	Multi Use Path	3.38	Columbia
Wrightsboro Road	Lewiston Road	Lory Lane	Multi Use Path	2.75	Columbia
Columbia Road Greenway	William Few Parkway	Eucler Creek Greenway	Multi Use Path	1.37	Columbia
Evans to Lock Road Greenway	Evans Town Center	Riverbend Drive	Multi Use Path	1.36	Columbia
Hardy McManus Greenway	Hardy McManus Road	Near Savannah River	Multi Use Path	1.60	Columbia
Hardy McManus Greenway (Alt)	Washington Road	Furys Ferry Road	Multi Use Path	2.58	Columbia
Hereford Farm Road	William Smith Parkway	Gibbs Road	Multi Use Path	1.78	Columbia
Savannah River Bridge Near 5th Street	SC	GA	Greenway Bridge	0.56	Columbia
Stevens Creek Road	Evans to Lock Road	Washington Road	Multi Use Path	2.99	Columbia /Augusta-Richmond
W Martintown Rd	ARTS Boundary (Edgefield County)	Bergen Road	Multi Use Path	2.37	Edgefield



Bikeway Projects Recommended for Further Study

The ARTS region is delineated by a number of high-volume, relatively high-speed commercial arterials, which provide challenging conditions for cyclists attempting to move along or across these corridors. The corridors are characterized by 5- to 7-lane cross-sections and traffic volumes on these roadways tend to be high. These corridors also are the location of many primary local and regional destinations and provide critical north-south and east-west connectivity. These corridors were also named as priority locations for bicycling improvements by participants in the public input process of this plan (see Chapter 5 for further information). Table 7-9 lists corridors recommended for further study.

Table 7-9: ARTS Corridors Recommended for Further Study

Corridor	From	To	Recommended Facility Type	Length (mi)	ADT
Augusta-Richmond County					
15th Street	Pope Avenue	Walton Way	Buffered Bike Lane	0.24	22400
15th Street	Government Road	Harper Street	Buffered Bike Lane	0.41	22400
Washington Road ¹	Old Petersburg Road	Broad Street	Buffered Bike Lane	4.32	21210-35350
Wrightsboro Road	Pine Needle Road	Highland Avenue	Striped Bike Lane	0.41	21390
Columbia County					
Columbia Road	Old Belair Road	Washington Road	Buffered Bike Lane	3.53	19080
Washington Road	Old Evans Road	Hardy McManus Road	Striped Bike Lane	3.35	27330
Washington Road	Pleasant Home Road	N Belair Road	Buffered Bike Lane	2.62	32550
Washington Road	Columbia Road	Old Petersburg Road	Buffered Bike Lane	1.6	26570-34460
Aiken County					
Richland Avenue	Vaucluse Drive	Hitchcock Parkway	Striped Bike Lane	3.79	12400-19600
Whiskey Road	Kings Grant Drive	Boardman Road	Striped Bike Lane	1.51	15400-19300
Whiskey Road	Kings Grant Drive	Powderhouse Road	Buffered Bike Lane	2.82	15400-36000

¹ Includes 0.10 mile of roadway in Columbia County.



At a minimum, this plan recommends that bicycle lanes be implemented on these roadways. However, bike lanes alone will provide very little comfort for most cyclists on roadways of this nature. Higher order bicycle facilities that provide greater separation between bicyclists and motor vehicles would be more appropriate (such as buffered bike lanes). Planning and design for these corridors could include access management approaches to limit the number and spacing of driveways and turning locations; land use policies to facilitate more bicycle- and pedestrian-friendly development patterns; connectivity improvements to provide additional parallel route options; travelway designs that are more appropriate to an urban context; and speed reduction measures for motor vehicle travel.

Additionally, a number of corridors identified for bikeway facilities in this Plan present an opportunity for implementation through lane reconfiguration, which is also commonly known as a "road diet" (see page 67 of Appendix E: Design Guidelines). Road diets typically involve reducing the number of travel lanes (from a four-lane road to a two-lane road with center turn lane, for example) allowing adequate space for bicycle lanes. Road diets also have traffic calming and safety benefits. A report by the Federal Highway Administration documents lower pedestrian crash risk when crossing two- or three-lane roads, as compared to roads with four or more lanes.³ Additionally, a reduction in travel lanes does not necessarily result in a reduction in motor vehicle traffic volumes and in some cases leads to an increase in ADT (East Boulevard in Charlotte, NC, as one example). Research shows that roadways with an ADT under 18,000 are prime candidates for road diets. A recent FHWA study of road diet streets in California, Iowa, and Washington found that increased congestion might occur for streets over 20,000 ADT.

This Plan recommends that ARTS coordinate with GDOT, SCDOT, and local municipalities to consider a lane reconfiguration along the roadway segments identified in Table 7-10.



Before and after images of a road reconfiguration show the benefits of slowing traffic speeds in this residential, school zone, while also providing space for bicyclists on the roadway, providing a buffer for pedestrians on the sidewalk, and accommodating similar traffic volumes.

³ Federal Highway Administration: Safety Effects of Marked vs Unmarked Crosswalks at Uncontrolled Locations.



Table 7-10 – Roadways Recommended for Lane Reconfiguration

Corridor	From	To	Facility Type	ADT	Existing Lane Config.	Lane Reconfig. For Consideration
Augusta-Richmond County						
5th Street Bridge	Riverwalk Marina	Jefferson Davis Hwy	Greenway	5100	2 Lanes	1-Way Lane
Broad Street	15th Street	10th Street	Buffered Bike Lane	10200-10460	6 Lanes Divided	4 Lanes Divided
Central Avenue	Monte Sano Avenue	Troup Street	Buffered Bike Lane	1160	4 Lanes Divided	2 Lanes Divided
Central Avenue	Troup Street	Druid Park Avenue	Buffered Bike Lane	9030	4 Lanes	2 Lanes with Turn Lane
Highland Avenue	Gordon Highway	Wrightsboro Road	Striped Bike Lane	13470-14720	4 Lanes	2 Lanes with Turn Lane
Laney Walker Boulevard	E Boundary Street	15th Street	Striped Bike Lane	6150-8710	4 Lanes	2 Lanes with Turn Lane
Tobacco Road	Doug Bernard Highway	Gracewood Elementary School	Buffered Bike Lane	4800	4 Lanes with Turn Lane	2 Lanes with Turn Lane
Tobacco Road	Gracewood Elementary School	Peach Orchard Road	Striped Bike Lane	6820	4 Lanes with Turn Lane	2 Lanes with Turn Lane
Walton Way	10th Street	James Brown Boulevard (9th Street)	Buffered Bike Lane	16780	6 Lanes Divided	4 Lanes Divided
Aiken County						
Augusta Road	Hitchcock Parkway	Stadium Circle	Striped Bike Lane	5300	3 Lanes	2 Lanes

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