

ATLANTA **to** CHARLOTTE  
PASSENGER RAIL CORRIDOR INVESTMENT PLAN



APPENDIX D | SUPPORTING  
TECHNICAL DATA

November 2018



*Prepared on  
behalf of the*



U.S. Department  
of Transportation  
**Federal Railroad  
Administration**

# Contents

1. Water Quality
  - a. Impaired Waterways
2. Noise and Vibration
  - a. Noise Screening Distances
  - b. Noise Land Use Categories
  - c. Vibration Screening Distances
  - d. Noise Receptors
  - e. Vibration Receptors
3. Ecological Resources
  - a. Major Perennial Waterways
  - b. Federal and State Listed Protected Species
  - c. Major Perennial Waters Associated with 100-year Floodplains and Floodways
4. Land Acquisition
  - a. Property Acquisition and Relocations
5. Socioeconomic
  - a. Community Facilities Corridor Inventory
  - b. Community Facilities Station Inventory
6. Cultural Resources
  - a. Resources within NR Districts
  - b. Resources of Unknown Eligibility

## APPENDIX D – TECHNICAL DOCUMENTATION

Water Quality

Impaired Waterways

## Impaired Waterways within Crescent Study Corridor

State	River/Stream Name	County	Impairment
Georgia	Peachtree Creek***	Fulton	FC
Georgia	Clear Creek***	Fulton	FC, DO
Georgia	Tanyard Branch*	Fulton	FC
Georgia	South Fork Peachtree Creek*	Fulton & Dekalb	FC, Bio F, Bio M
Georgia	Burnt Fork Creek*	Dekalb	FC
Georgia	Camp Creek*	Dekalb & Gwinnett	FC
Georgia	Suwanee Creek**	Gwinnett	FC
Georgia	Sweetwater Creek*	Gwinnett	FC
Georgia	Alcovy River*	Gwinnett	FC
Georgia	Pew Creek*	Gwinnett	FC
Georgia	Cedar Creek*	Gwinnett	FC
Georgia	Hopkins Creek*	Gwinnett	FC
Georgia	Jackson Creek*	Gwinnett	FC
Georgia	Yellow River*	Gwinnett	FC
Georgia	Big Creek**	Hall	FC
Georgia	Mud Creek**	Hall	FC
Georgia	Balus Creek**	Hall	FC
Georgia	South Fork Balus Creek**	Hall	FC
Georgia	Flat Creek**	Hall	FC, Bio F
Georgia	E.T. Creek**	Hall	FC
Georgia	Limestone Creek	Hall	FC, Bio F
Georgia	Walnut Creek*	Hall & Jackson	FC, Bio M
Georgia	Mulberry River*	Hall & Jackson	FC, Bio M
Georgia	Little Mud Creek	Hall & Habersham	FC
Georgia	Camp Creek	Habersham	TCA
South Carolina	Choestoea Creek	Oconee	FC
South Carolina	Princess Creek	Greenville	FC, Bio M
South Carolina	Reedy River	Greenville	FC, Bio M
South Carolina	Richland Creek	Greenville	Bio M
South Carolina	Enoree River	Greenville	Bio M
South Carolina	South Tyger River	Spartanburg	Bio M
South Carolina	North Tyger River	Spartanburg	FC, Bio M
South Carolina	Lawsons Fork Creek	Spartanburg	FC, Bio M
South Carolina	Pacolet River	Spartanburg	FC, Cu
North Carolina	South Fork Catawba River	Gaston	FC, Cu, Hg
North Carolina	McGill Creek	Cleveland	Bio M, Hg
North Carolina	Irwin Creek	Mecklenburg	Cu, Pb, Zn, Hg

*Source: Final Georgia 2012 Section 303(d) List; Final South Carolina 2012 Section 303(d) List; Final North Carolina 2012 303(d) List*

State	River/Stream Name	County	Impairment
<p><i>*CSX Atlanta Approach; **Norfolk Southern Atlanta Approach; ***Present on Both Atlanta Approaches</i></p> <p><i>Key: Bio F = Biota Impacted (Fish Community); Bio M = Biota Impacted (Macroinvertebrate Community); Cu = Copper; FC = Fecal Coliform; Hg = Mercury; Pb = Lead; Zn = Zinc; TCA = 1,1,2-Trichloroethane</i></p>			

## Impaired Waterways within I-85 Study Corridor

State	River/Stream Name	County	Impairment
Georgia	Peachtree Creek***	Fulton	FC
Georgia	Clear Creek***	Fulton	FC, DO
Georgia	Tanyard Branch*	Fulton	FC
Georgia	South Fork Peachtree Creek*	Fulton & Dekalb	FC, Bio F, Bio M
Georgia	Burnt Fork Creek*	Dekalb	FC
Georgia	Camp Creek*	Dekalb & Gwinnett	FC
Georgia	Suwanee Creek**	Gwinnett	FC
Georgia	Sweetwater Creek*	Gwinnett	FC
Georgia	Alcovy River*	Gwinnett	FC
Georgia	Pew Creek*	Gwinnett	FC
Georgia	Cedar Creek*	Gwinnett	FC
Georgia	Hopkins Creek*	Gwinnett	FC
Georgia	Jackson Creek*	Gwinnett	FC
Georgia	Yellow River*	Gwinnett	FC
Georgia	Ivy Creek**	Gwinnett	Bio F
Georgia	Wheeler Creek**	Gwinnett	FC
Georgia	Walnut Creek***	Hall & Jackson	FC, Bio M
Georgia	Mulberry River***	Hall & Jackson	FC, Bio M
Georgia	North Oconee River	Jackson	FC
South Carolina	Beaverdam Creek	Anderson	FC, pH
South Carolina	Brush Creek	Greenville	Bio M
South Carolina	Reedy River	Greenville	FC
South Carolina	Laurel Creek	Greenville	Bio M
South Carolina	Rocky Creek	Greenville	FC, Bio M
South Carolina	Brushy Creek	Greenville	FC, Bio M
South Carolina	South Tyger River	Spartanburg	Bio M
South Carolina	Middle Tyger River	Spartanburg	FC, Cu
South Carolina	North Tyger River	Spartanburg	FC, Bio M
South Carolina	Little Thicketty Creek	Cherokee	FC, Bio M
North Carolina	McGill Creek	Cleveland	Bio M, Hg
North Carolina	South Cork Catawba River	Gaston	FC, Cu, Hg
North Carolina	Irwin Creek	Mecklenburg	Cu, Pb, Zn, Hg

Source: Final Georgia 2012 Section 303(d) List; Final South Carolina 2012 Section 303(d) List; Final North Carolina 2012 303(d) List  
 \*CSX Atlanta Approach; \*\*Norfolk Southern Atlanta Approach; \*\*\*Present on Both Atlanta Approaches  
 Key: Bio F = Biota Impacted (Fish Community); Bio M = Biota Impacted (Macroinvertebrate Community); Cu = Copper; FC = Fecal Coliform; Hg = Mercury; pH = pH/Acidity/Caustic Conditions; Pb = Lead; Zn = Zinc

## Impaired Waterways within Greenfield Study Corridor

State	River/Stream Name	County	Impairment
Georgia	Peachtree Creek***	Fulton	FC
Georgia	Clear Creek***	Fulton	FC, DO
Georgia	Tanyard Branch*	Fulton	FC
Georgia	South Fork Peachtree Creek*	Fulton & Dekalb	FC, Bio F, Bio M
Georgia	Burnt Fork Creek*	Dekalb	FC
Georgia	Camp Creek*	Dekalb & Gwinnett	FC
Georgia	Suwanee Creek**	Gwinnett	FC
Georgia	Sweetwater Creek*	Gwinnett	FC
Georgia	Alcovy River*	Gwinnett	FC
Georgia	Pew Creek*	Gwinnett	FC
Georgia	Cedar Creek*	Gwinnett	FC
Georgia	Hopkins Creek*	Gwinnett	FC
Georgia	Jackson Creek*	Gwinnett	FC
Georgia	Yellow River*	Gwinnett	FC
Georgia	Ivy Creek**	Gwinnett	Bio F
Georgia	Wheeler Creek**	Gwinnett	FC
Georgia	Mulberry River***	Hall & Jackson	FC, Bio M
Georgia	Middle Oconee River	Jackson	FC
Georgia	Noketchee Creek	Madison & Clarke	Bio F
Georgia	West Fork Trail Creek	Clarke	FC
Georgia	South Creek/Bigger Creek	Madison	Bio M
Georgia	Broad River	Madison	FC
Georgia	Little Coldwater Creek	Hart	Bio F
South Carolina	Rocky River	Anderson	FC
South Carolina	Hen Coop Creek	Anderson	Bio M
South Carolina	Broad Mouth Creek	Anderson	Bio M
South Carolina	Saluda River	Greenville	FC
South Carolina	Mountain Creek	Greenville	Bio M
South Carolina	Horse Creek	Greenville	Bio M
South Carolina	Reedy River	Greenville	Bio M
South Carolina	Enoree River	Spartanburg	FC, T
South Carolina	Fairforest Creek	Spartanburg	FC, Bio M
South Carolina	Gilkey Creek	Cherokee	FC, Bio M
South Carolina	Beaverdam Creek	York	FC, Bio M
North Carolina	Crowders Creek	Gaston	Bio M, Hg
North Carolina	Catawba Creek	Gaston	Bio M, Hg
North Carolina	Catawba River	Mecklenburg	FC, Hg
North Carolina	Irwin Creek	Mecklenburg	Cu, Pb, Zn, Hg

State	River/Stream Name	County	Impairment
Source: Final Georgia 2012 Section 303(d) List; Final South Carolina 2012 Section 303(d) List; Final North Carolina 2012 303(d) List			
*CSX Atlanta Approach; **Norfolk Southern Atlanta Approach; ***Present on Both Atlanta Approaches			
Key: Bio F = Biota Impacted (Fish Community); Bio M = Biota Impacted (Macroinvertebrate Community); Cu = Copper; FC = Fecal Coliform; Hg = Mercury; pH = pH/Acidity/Caustic Conditions; T = Turbidity; Pb = Lead; Zn = Zinc; DO = Dissolved Oxygen			



## APPENDIX D – TECHNICAL DOCUMENTATION

### Noise and Vibration

Noise Screening Distances

Noise Land Use Categories

Vibration Screening Distances

Noise Receptors

Vibration Receptors

## Noise and Vibration

Noise and vibration are assessed according to guidelines specified in the Federal Railroad Administration's (FRA) High-Speed Ground Transportation Noise and Vibration Impact Assessment manual and the Federal Transit Administration's (FTA) Transit Noise and Vibration Impact Assessment manual. The methodology for identifying potential noise- and vibration-sensitive resources was based on desktop GIS-based information. The GIS-based information includes land use data from each county within each of the three study corridors, Crescent, I-85 and Greenfield. Because this study includes a wide range of train travel speed profiles, both FRA and FTA methodology and impact criteria were applied. Noise emission characteristics for trains vary considerably as speed increases. The FTA and FRA guidelines provide screening distances that vary depending on rail system technology, which equates to varying train speed capabilities and general land development density (urban versus rural). These guidelines also specify the type of land uses identified within the screening distances. The section below provides the framework of how the FTA and FRA guidelines establish the appropriate screening distances for each corridor, followed by the data sources and analysis findings.

## Noise

Noise is defined as unwanted sound or, more specifically, a sound that is undesirable because it interferes with communication or is annoying (EPA 1976). Human response to noise can vary according to the type and characteristics of the noise source, the distance between the noise source and the receptor, the sensitivity of the receptor, and the time of day.

Noise from higher-speed train systems is similar to noise from other rail systems except for a few unique features resulting from the higher speeds of travel. For the analysis of this TIER 1 EIS, four rail system technologies were evaluated:

- Conventional, with a maximum speed of 79 mph;
- Emerging, with a maximum speed of 110 mph;
- Regional, with a maximum speed of 150 mph; and
- Express, with a maximum speed of 220 mph.

FTA methodology was followed for travel speed profiles of top speeds of 110 mph or less. For speed profiles greater than 110 mph, FRA methodologies and impact criteria were applied. Therefore, the methodologies for the proposed project follow the FTA guidance manual Transit Noise and Vibration Impact Assessment (2006)<sup>1</sup> as well as FRA's High-Speed Ground Transportation Noise and Vibration Impact Assessment (2012)<sup>2</sup> guidelines. The FTA's manual was used for conventional and emerging speeds

---

<sup>1</sup> Carl Hanson, David A. Towers, Lance D. Meister, United States, Federal Transit Administration, Office of Planning and Environment, Harris, Miller, Miller & Hanson, Inc., *Transit Noise and Vibration Impact Assessment* (Washington, DC: U.S. Department of Transportation, Federal Transit Administration, Office of Planning and Environment, 2006), web, 30 Oct. 14, <[http://www.fta.dot.gov/documents/FTA\\_Noise\\_and\\_Vibration\\_Manual.pdf](http://www.fta.dot.gov/documents/FTA_Noise_and_Vibration_Manual.pdf)>.

<sup>2</sup> Carl E. Hanson, Harris, Miller, Miller & Hanson, Inc. United States, Federal Railroad Administration, Office of Railroad Policy and Development, *Ground Transportation Noise and Vibration Impact Assessment* (Washington, DC: U.S. Department of Transportation, Federal Railroad Administration, Office of Railroad Policy and Development, 2012), web, 30 Oct. 14, <<http://www.fra.dot.gov/eLib/Details/L04090>>.

in areas where proposed new train service will predominantly be along existing rail corridors. Noise impacts at station locations and maintenance facilities will be evaluated in the Tier 2 NEPA analysis.

The noise screening distances from FTA’s *Transit Noise and Vibration Impact Assessment* are provided in Exhibit 1.1. According to the 2010 Census definition for an “urbanized area,” areas with what is defined as “intervening buildings” are generally densely populated areas, and all other areas are defined as “unobstructed.”

**Exhibit 1.1: Screening Distances for Noise Assessments – Conventional/Emerging Speeds**

Type of Project	Screening Distance* (feet)	
	Unobstructed	Intervening Buildings
<b>Conventional or Emerging Speeds</b>	700	350

*\*Measured from centerline of guideway/roadway for mobile sources; from center of noise-generating activity for stationary sources.  
Source: FTA. Transit Noise and Vibration Impact Assessment. Table 4-1.*

Following FRA guidance, the total wayside noise generated by regional and express train pass-by consists of several individual noise-generating mechanisms, each with its own sound characteristics of source location, strength, frequency content, directivity, and speed dependence. These noise sources can be generalized into three major regimes:

- Regime I: propulsion or machinery noise (125 mph or less);
- Regime II: mechanical noise resulting from wheel-rail interactions and/or guideway vibrations (between 110 mph and 150 mph); and
- Regime III: aerodynamic noise resulting from airflow moving past the train, including the pantograph (greater than 150 mph) (Harris et al. 2006).

For regional and express systems, Regime II screening distances were used for initial screening of noise-sensitive receptors where speeds could potentially exceed 110 mph but with a maximum speed of 150 mph. Regime III screening distances were used for express systems in areas where speeds are anticipated to exceed 150 mph. FTA guidelines were used where speeds are anticipated to be below 110 mph. Exhibit 1.2 provides a summary of the distances that were used for initial screening.

Two noise environments are defined by FRA as Urban/Noisy Suburban and Quiet Suburban/Rural. Urban/Noisy Suburban is further categorized as being unobstructed or having intervening buildings. Noise environments relate to density of development and not specifically to land uses. Screening distances were initially developed for each corridor based on the assumed Speed Regime and noise environment. Urban/Noisy Suburban noise environments are generally more densely populated areas and for this analysis were based on the defined Urbanized Area from the 2010 Census. All other areas were defined as Quiet Suburban/Rural.

For Urban/Noisy Suburban areas, noise sensitive receptors were first identified using the unobstructed screening distances and then further reviewed to determine if “intervening buildings” are present. If

intervening buildings exist, the screening distance would be reduced. Intervening buildings are defined as rows of buildings located approximately 200, 400, 600, 800, and 1,000 feet parallel to the rail centerline.

**Exhibit 1.2: Screening Distances for Noise Assessments – Regional/Express Speeds**

Corridor Type	Existing Noise Environment	Screening Distance in Feet for Speed Regime*	
		Regime II (110 mph to 150 mph)	Regime III (>150 mph)
<b>Existing Railroad</b>	Urban/Noisy Suburban - unobstructed	300 feet	700 feet
	Urban/Noisy Suburban - intervening buildings**	200 feet	300 feet
	Quiet Suburban/Rural	500 feet	1,200 feet
<b>Existing Highway</b>	Urban/Noisy Suburban - unobstructed	250 feet	600 feet
	Urban/Noisy Suburban - intervening buildings**	200 feet	350 feet
	Quiet Suburban/Rural	400 feet	1,100 feet
<b>New/ Greenfield</b>	Urban/Noisy Suburban - unobstructed	350 feet	700 feet
	Urban/Noisy Suburban - intervening buildings**	250 feet	350 feet
	Quiet Suburban/Rural	600 feet	1,300 feet

*\* Measured from centerline of guideway or rail corridor. \*\* Rows of buildings assumed to be at 200, 400, 600, 800, and 1,000 feet parallel to guideway.*  
*Source: FRA. High-Speed Ground Transportation Noise and Vibration Impact Assessment. Table 4-1.*

Once the screening distances were defined, the land uses within those areas were evaluated. Only certain land uses are considered noise sensitive receptors. Land uses for the noise analysis are generally defined as Category 1: tracts of land where quiet is an essential element in their intended purpose; Category 2: residences and buildings where people normally sleep where nighttime sensitivity to noise is greatest and of utmost importance; and Category 3: institutional land uses with primarily daytime and evening use. The noise criteria and descriptors for human annoyance are defined in more detail in Exhibit 1.3. For this Tier 1 analysis, only the evaluation criteria for human annoyance is addressed. Wildlife, stations and construction impacts were not evaluated.

**Exhibit 1.3: Land Use Categories and Metrics for High-Speed Train Noise Impact Criteria**

Land Use Category	Description of Land Use Category
<b>1</b>	Tracts of land where quiet is an essential element in their intended purpose. This category includes lands set aside for serenity and quiet, and such land uses as outdoor amphitheaters and concert pavilions, as well as National Historic Landmarks with significant outdoor use. Also included are recording studios and concert halls.
<b>2</b>	Residences and buildings where people normally sleep. This category includes homes, hospitals, and hotels where a nighttime sensitivity to noise is assumed to be of utmost importance.
<b>3</b>	Institutional land uses with primarily daytime and evening use. This category includes schools, libraries, theaters, and churches, where it is important to avoid interference with such activities as speech, meditation, and concentration on reading material. Places for meditation or study associated with cemeteries, monuments, and museums can also be considered to be in this category. Certain historical sites, parks, campgrounds, and recreational facilities are also included.

Source: FRA. High-Speed Ground Transportation Noise and Vibration Impact Assessment. Table 3-2.

## Vibration

Vibration is the oscillating motion of a structure or material that can result in perceptible movement of building floors, rattling of windows, shaking of items on shelves, and rumbling sounds. Vibration may be described in terms of the acceleration, velocity, or displacement that occurs during the oscillatory motion (FTA 2006).

FRA’s screening distances for vibration were used to assess the three project corridors. The screening method for vibration provides conservative estimates of structures that may be impacted from ground-borne vibration. Screening distances for three different train speed ranges and two general types of land use are presented in Exhibit 1.4. FRA provides two train frequency categories for evaluation. FRA defines rail corridors with a “frequent or occasional” number of pass-by events as those with 70 or more train pass-bys per day<sup>3</sup>. Based on the current proposed corridor service assumptions, the train frequency for the proposed passenger trains was classified as “infrequent,” which is less than 70 pass-bys per day.

Exhibit 1.4: Screening Distances for Vibration Assessments

Land Use	Train Frequency*	Screening Distance, feet Train Speed		
		Less than 100 mph	100 to 200 mph	200 to 300 mph
<b>Residential</b>	Frequent or Occasional	120	220	275
	Infrequent	60	100	140
<b>Institutional</b>	Frequent or Occasional	100	160	220
	Infrequent	20	70	100

\*Frequent or Occasional= greater than 70 pass-bys per day.  
 Infrequent = less than 70 pass-bys per day.  
 Source: FRA. High-Speed Ground Transportation Noise and Vibration Impact Assessment. Table 8-1.

Residential (Category 2) covers all residential land uses and any buildings where people sleep, such as hotels and hospitals. Institutional (Category 3) includes schools, places of worship (e.g., churches, synagogues, mosques), other institutions, and quiet offices that do not have vibration-sensitive equipment, but still have the potential for activity interference. A third category (Category 1) addressed high-sensitivity buildings where vibration will interfere with operations within the building, including levels that may be well below those associated with human annoyance. Typical land uses covered by Category 1 are vibration-sensitive electronic research and manufacturing equipment, hospitals with vibration-sensitive equipment, and university research operations. For the purposes of identifying Category 1 vibration sensitive buildings, “Institutional” screening distances were used. In addition, there are some buildings, such as concert halls, television and recording studios, and theaters that are very sensitive to vibration and noise but do not fit into

<sup>3</sup> Carl E. Hanson, Harris, Miller, Miller & Hanson, Inc., United States, Federal Railroad Administration, Office of Railroad Policy Development, High-Speed Ground Transportation Noise and Vibration Impact Assessment (Washington, DC: U.S. Department of Transportation, Federal Railroad Administration, Office of Railroad Policy and Development, 2012).

any of the three categories.<sup>4</sup> These more sensitive building uses are not considered in the Tier 1 screening assessment, but will be considered in the future Tier 2 NEPA assessment.

### Analysis Results

The following exhibits presents the noise and vibration impact estimates for each alternative. The estimates for the Atlanta approaches are shown separately.

Exhibit 1: Noise Receptors – Crescent Corridor – Conventional Rail

	County	Corridor Type	Existing Noise Environment	Screening Distance	Cat 1	Cat 2	Cat 3	Total	
Shared	Clayton	Railroad	Intervening Buildings	350 feet	0	0	0	0	
	Fulton	Railroad	Intervening Buildings	350 feet	0	1,627	24	1,651	
	Hall	Railroad	Unobstructed	700 feet	0	115	3	118	
	Hall	Railroad	Intervening Buildings	350 feet	0	142	5	147	
	Banks	Railroad	Unobstructed	700 feet	0	86	1	87	
	Banks	Railroad	Intervening Buildings	350 feet	0	30	0	30	
	Habersham	Railroad	Unobstructed	700 feet	0	45	1	46	
	Habersham	Railroad	Intervening Buildings	350 feet	0	161	2	163	
	Stephens	Railroad	Unobstructed	700 feet	0	74	1	75	
	Stephens	Railroad	Intervening Buildings	350 feet	0	79	1	80	
				<b>Georgia</b>	<b>Subtotal</b>	<b>0</b>	<b>2,359</b>	<b>38</b>	<b>2,397</b>
	Oconee	Railroad	Unobstructed	700 feet	0	382	4	386	
	Oconee	Railroad	Intervening Buildings	350 feet	0	220	1	221	
	Pickens	Railroad	Unobstructed	700 feet	0	214	5	219	
	Pickens	Railroad	Intervening Buildings	350 feet	0	523	8	531	
	Greenville	Railroad	Unobstructed	700 feet	0	9	0	9	
	Greenville	Railroad	Intervening Buildings	350 feet	0	748	8	756	
	Spartanburg	Railroad	Unobstructed	700 feet	0	95	4	99	
	Spartanburg	Railroad	Intervening Buildings	350 feet	0	918	12	930	
	Cherokee	Railroad	Unobstructed	700 feet	0	462	9	471	
	Cherokee	Railroad	Intervening Buildings	350 feet	0	189	5	194	
				<b>South Carolina</b>	<b>Subtotal</b>	<b>0</b>	<b>3,760</b>	<b>56</b>	<b>3,816</b>
	Cleveland	Railroad	Unobstructed	700 feet	0	173	0	173	
	Cleveland	Railroad	Intervening Buildings	350 feet	0	141	1	142	
	Gastonia	Railroad	Unobstructed	700 feet	0	62	2	64	
	Gastonia	Railroad	Intervening Buildings	350 feet	0	886	28	914	

<sup>4</sup> Carl E. Hanson, Harris, Miller, Miller & Hanson, Inc., United States, Federal Railroad Administration, Office of Railroad Policy Development, *High-Speed Ground Transportation Noise and Vibration Impact Assessment* (Washington, DC: U.S. Department of Transportation, Federal Railroad Administration, Office of Railroad Policy and Development, 2012).

	County	Corridor Type	Existing Noise Environment	Screening Distance	Cat 1	Cat 2	Cat 3	Total
	Mecklenburg	Railroad	Intervening Buildings	350 feet	0	38	0	38
	<b>North Carolina</b>			<b>Subtotal</b>	<b>0</b>	<b>1,300</b>	<b>31</b>	<b>1,331</b>
				<b>Total</b>	<b>0</b>	<b>7,419</b>	<b>125</b>	<b>7,544</b>
NS Approach	Fulton	Railroad	Intervening Buildings	350 feet	0	2,612	2	2,614
	DeKalb	Railroad	Intervening Buildings	350 feet	0	754	2	756
	Gwinnett	Railroad	Intervening Buildings	350 feet	0	439	15	454
	Gwinnett	Railroad	Intervening Buildings	350 feet	0	294	8	302
	Hall	Railroad	Unobstructed	700 feet	0	19	0	19
	Hall	Railroad	Intervening Buildings	350 feet	0	178	5	183
					<b>Total</b>	<b>0</b>	<b>4,296</b>	<b>32</b>
CSX Approach	Fulton	Railroad	Intervening Buildings	350 feet	0	1,144	2	1,146
	DeKalb	Railroad	Intervening Buildings	350 feet	0	1,334	2	1,336
	Gwinnett	Railroad	Unobstructed	700 feet	0	15	1	16
	Gwinnett	Railroad	Intervening Buildings	350 feet	0	898	8	906
	Barrow	Railroad	Unobstructed	700 feet	0	100	2	102
	Barrow	Railroad	Intervening Buildings	350 feet	0	31	0	31
	Jackson	Railroad	Unobstructed	700 feet	0	43	0	43
	Jackson	Railroad	Intervening Buildings	350 feet	0	60	3	63
	Hall	Railroad	Unobstructed	700 feet	0	24	0	24
	Hall	Railroad	Intervening Buildings	350 feet	0	98	1	99
				<b>Total</b>	<b>0</b>	<b>3,747</b>	<b>19</b>	<b>3,766</b>
<b>Crescent with NS Approach</b>				<b>Total</b>	<b>0</b>	<b>11,715</b>	<b>157</b>	<b>11,872</b>
<b>Crescent with CSX Approach</b>				<b>Total</b>	<b>0</b>	<b>11,166</b>	<b>144</b>	<b>11,310</b>

Exhibit 2: Noise Receptors – Crescent Corridor – Emerging Rail\*

	County	Corridor Type	Existing Noise Environment	Screening Distance	Cat 1	Cat 2	Cat 3	Total
Shared	Clayton	Railroad	Intervening Buildings	350 feet	0	0	0	0
	Fulton	Railroad	Intervening Buildings	350 feet	0	1,627	24	1,651
	Hall	Railroad	Unobstructed	700 feet	0	115	3	118
	Hall	Railroad	Intervening Buildings	350 feet	0	142	5	147
	Banks	Railroad	Unobstructed	700 feet	0	86	1	87
	Banks	Railroad	Intervening Buildings	350 feet	0	30	0	30
	Habersham	Railroad	Unobstructed	700 feet	0	45	1	46
	Habersham	Railroad	Intervening Buildings	350 feet	0	161	2	163
	Stephens	Railroad	Unobstructed	700 feet	0	74	1	75
	Stephens	Railroad	Intervening Buildings	350 feet	0	79	1	80

County	Corridor Type	Existing Noise Environment	Screening Distance	Cat 1	Cat 2	Cat 3	Total	
<b>Georgia</b>			<b>Subtotal</b>	<b>0</b>	<b>2,359</b>	<b>38</b>	<b>2,397</b>	
Oconee	Railroad	Unobstructed	700 feet	0	382	4	386	
Oconee	Railroad	Intervening Buildings	350 feet	0	220	1	221	
Pickens	Railroad	Unobstructed	700 feet	0	214	5	219	
Pickens	Railroad	Intervening Buildings	350 feet	0	523	8	531	
Greenville	Railroad	Unobstructed	700 feet	0	9	0	9	
Greenville	Railroad	Intervening Buildings	350 feet	0	748	8	756	
Spartanburg	Railroad	Unobstructed	700 feet	0	95	4	99	
Spartanburg	Railroad	Intervening Buildings	350 feet	0	918	12	930	
Cherokee	Railroad	Unobstructed	700 feet	0	462	9	471	
Cherokee	Railroad	Intervening Buildings	350 feet	0	189	5	194	
<b>South Carolina</b>			<b>Subtotal</b>	<b>0</b>	<b>3,760</b>	<b>56</b>	<b>3,816</b>	
Cleveland	Railroad	Unobstructed	700 feet	0	173	0	173	
Cleveland	Railroad	Intervening Buildings	350 feet	0	141	1	142	
Gastonia	Railroad	Unobstructed	700 feet	0	62	2	64	
Gastonia	Railroad	Intervening Buildings	350 feet	0	886	28	914	
Mecklenburg	Railroad	Intervening Buildings	350 feet	0	38	0	38	
<b>North Carolina</b>			<b>Subtotal</b>	<b>0</b>	<b>1,300</b>	<b>31</b>	<b>1,331</b>	
<b>Total</b>				<b>0</b>	<b>7,419</b>	<b>125</b>	<b>7,544</b>	
NS Approach	Fulton	Railroad	Intervening Buildings	350 feet	0	2,612	2	2,614
	DeKalb	Railroad	Intervening Buildings	350 feet	0	754	2	756
	Gwinnett	Railroad	Intervening Buildings	350 feet	0	439	15	454
	Gwinnett	Railroad	Intervening Buildings	350 feet	0	294	8	302
	Hall	Railroad	Unobstructed	700 feet	0	19	0	19
	Hall	Railroad	Intervening Buildings	350 feet	0	178	5	183
	<b>Total</b>				<b>0</b>	<b>4,296</b>	<b>32</b>	<b>4,328</b>
CSX Approach	Fulton	Railroad	Intervening Buildings	350 feet	0	1,144	2	1,146
	DeKalb	Railroad	Intervening Buildings	350 feet	0	1,334	2	1,336
	Gwinnett	Railroad	Unobstructed	700 feet	0	15	1	16
	Gwinnett	Railroad	Intervening Buildings	350 feet	0	898	8	906
	Barrow	Railroad	Unobstructed	700 feet	0	100	2	102
	Barrow	Railroad	Intervening Buildings	350 feet	0	31	0	31
	Jackson	Railroad	Unobstructed	700 feet	0	43	0	43
	Jackson	Railroad	Intervening Buildings	350 feet	0	60	3	63
	Hall	Railroad	Unobstructed	700 feet	0	24	0	24
	Hall	Railroad	Intervening Buildings	350 feet	0	98	1	99



County	Corridor Type	Existing Noise Environment	Screening Distance	Cat 1	Cat 2	Cat 3	Total
			<b>Total</b>	<b>0</b>	<b>3,747</b>	<b>19</b>	<b>3,766</b>
<b>Crescent with NS Approach</b>			<b>Total</b>	<b>0</b>	<b>11,715</b>	<b>157</b>	<b>11,872</b>
<b>Crescent with CSX Approach</b>			<b>Total</b>	<b>0</b>	<b>11,166</b>	<b>144</b>	<b>11,310</b>

*\*Screening distances are the same for conventional and emerging technologies for the Crescent Corridor.*

**Exhibit 3: Noise Receptors – I-85 Corridor – Regional Rail**

County	Corridor Type	Existing Noise Environment	Screening Distance	Cat 1	Cat 2	Cat 3	Total	
Shared	Clayton	Railroad	Urban/Noisy Suburban	350 feet	0	0	0	
	Fulton	Railroad	Urban/Noisy Suburban	350 feet	0	1,627	24	
	Jackson	Highway	Quiet Suburban/Rural	400 feet	0	14	0	
	Jackson	Highway	Urban/Noisy Suburban	250 feet	0	16	0	
	Banks	Highway	Quiet Suburban/Rural	400 feet	0	5	0	
	Banks	Highway	Urban/Noisy Suburban	250 feet	0	0	0	
	Franklin	Highway	Quiet Suburban/Rural	400 feet	0	13	0	
	Hart	Highway	Quiet Suburban/Rural	400 feet	0	2	0	
	<b>Georgia</b>			<b>Subtotal</b>	<b>0</b>	<b>1,677</b>	<b>24</b>	<b>1,701</b>
	Oconee	Highway	Quiet Suburban/Rural	400 feet	0	1	0	
	Anderson	Highway	Quiet Suburban/Rural	400 feet	0	198	1	
	Anderson	Highway	Urban/Noisy Suburban	250 feet	0	6	0	
	Greenville	Highway	Quiet Suburban/Rural	400 feet	0	1	1	
	Greenville	Highway	Urban/Noisy Suburban	250 feet	0	24	1	
	Spartanburg	Highway	Quiet Suburban/Rural	400 feet	0	38	1	
	Spartanburg	Highway	Urban/Noisy Suburban	250 feet	0	8	1	
	Cherokee	Highway	Quiet Suburban/Rural	400 feet	0	65	2	
	Cherokee	Highway	Urban/Noisy Suburban	250 feet	0	27	1	
	<b>South Carolina</b>			<b>Subtotal</b>	<b>0</b>	<b>368</b>	<b>8</b>	<b>376</b>
	Cleveland	Highway	Quiet Suburban/Rural	400 feet	0	11	1	
	Cleveland	Highway	Urban/Noisy Suburban	250 feet	0	0	0	
	Gastonia	Highway	Quiet Suburban/Rural	400 feet	0	4	0	
	Gastonia	Highway	Urban/Noisy Suburban	250 feet	0	1	0	
	Gastonia	Railroad	Urban/Noisy Suburban	350 feet	0	748	26	
	Mecklenburg	Railroad	Urban/Noisy Suburban	350 feet	0	38	0	
	<b>North Carolina</b>			<b>Subtotal</b>	<b>0</b>	<b>802</b>	<b>27</b>	<b>829</b>

	County	Corridor Type	Existing Noise Environment	Screening Distance	Cat 1	Cat 2	Cat 3	Total
				<b>Total</b>	<b>0</b>	<b>2,847</b>	<b>59</b>	<b>2,906</b>
NS Approach	Fulton	Railroad	Urban/Noisy Suburban	350 feet	0	2,612	2	2,614
	DeKalb	Railroad	Urban/Noisy Suburban	350 feet	0	754	2	756
	Gwinnett	Railroad	Urban/Noisy Suburban	350 feet	0	439	15	454
	Gwinnett	New	Urban/Noisy Suburban	350 feet	0	87	0	87
	Gwinnett	Highway	Urban/Noisy Suburban	250 feet	0	29	0	29
	Barrow	Highway	Quiet Suburban/Rural	400 feet	0	0	0	0
	Barrow	Highway	Urban/Noisy Suburban	250 feet	0	0	0	0
				<b>Total</b>	<b>0</b>	<b>3,921</b>	<b>19</b>	<b>3,940</b>
CSX Approach	Fulton	Railroad	Urban/Noisy Suburban	350 feet	0	1,144	2	1,146
	DeKalb	Railroad	Urban/Noisy Suburban	350 feet	0	1,334	2	1,336
	Gwinnett	Railroad	Quiet Suburban/Rural	700 feet	0	15	1	16
	Gwinnett	Railroad	Urban/Noisy Suburban	350 feet	0	898	8	906
	Barrow	Railroad	Quiet Suburban/Rural	700 feet	0	5	1	6
	Barrow	New	Quiet Suburban/Rural	600 feet	0	98	1	99
	Barrow	New	Urban/Noisy Suburban	350 feet	0	31	0	31
				<b>Total</b>	<b>0</b>	<b>3,525</b>	<b>15</b>	<b>3,540</b>
<b>I-85 with NS Approach</b>				<b>Total</b>	<b>0</b>	<b>6,768</b>	<b>78</b>	<b>6,846</b>
<b>I-85 with CSX Approach</b>				<b>Total</b>	<b>0</b>	<b>6,372</b>	<b>74</b>	<b>6,446</b>

Exhibit 4: Noise Receptors – I-85 Corridor – Express Rail

	County	Corridor Type	Existing Noise Environment	Screening Distance	Cat 1	Cat 2	Cat 3	Total	
Shared	Clayton	Railroad	Urban/Noisy Suburban	350 feet	0	0	0	0	
	Fulton	Railroad	Urban/Noisy Suburban	350 feet	0	1,627	24	1,651	
	Jackson	Highway	Quiet Suburban/Rural	1100 feet	0	68	1	69	
	Jackson	Highway	Urban/Noisy Suburban	600 feet	0	4	0	4	
	Jackson	Highway	Quiet Suburban/Rural	400 feet	0	7	0	7	
	Jackson	Highway	Urban/Noisy Suburban	250 feet	0	14	0	14	
	Banks	Highway	Quiet Suburban/Rural	400 feet	0	5	0	5	
	Banks	Highway	Urban/Noisy Suburban	250 feet	0	0	0	0	
	Franklin	Highway	Quiet Suburban/Rural	1100 feet	0	10	0	10	
	Franklin	Highway	Quiet Suburban/Rural	400 feet	0	11	0	11	
	Hart	Highway	Quiet Suburban/Rural	400 feet	0	2	0	2	
	<b>Georgia</b>				<b>Subtotal</b>	<b>0</b>	<b>1,748</b>	<b>25</b>	<b>1,773</b>
	Oconee	Highway	Quiet Suburban/Rural	1100 feet	0	8	0	8	
Oconee	Highway	Quiet Suburban/Rural	400 feet	0	0	0	0		

	County	Corridor Type	Existing Noise Environment	Screening Distance	Cat 1	Cat 2	Cat 3	Total
	Anderson	Highway	Quiet Suburban/Rural	1100 feet	0	288	2	290
	Anderson	Highway	Urban/Noisy Suburban	600 feet	0	0	0	0
	Anderson	Highway	Quiet Suburban/Rural	400 feet	0	146	1	147
	Anderson	Highway	Urban/Noisy Suburban	250 feet	0	6	0	6
	Greenville	Highway	Quiet Suburban/Rural	400 feet	0	1	1	2
	Greenville	Highway	Urban/Noisy Suburban	250 feet	0	24	1	25
	Spartanburg	Highway	Quiet Suburban/Rural	400 feet	0	38	1	39
	Spartanburg	Highway	Urban/Noisy Suburban	250 feet	0	8	1	9
	Cherokee	Highway	Quiet Suburban/Rural	400 feet	0	65	2	67
	Cherokee	Highway	Urban/Noisy Suburban	250 feet	0	27	1	28
	<b>South Carolina</b>			<b>Subtotal</b>	<b>0</b>	<b>611</b>	<b>10</b>	<b>621</b>
	Cleveland	Highway	Quiet Suburban/Rural	400 feet	0	11	1	12
	Cleveland	Highway	Urban/Noisy Suburban	250 feet	0	0	0	0
	Gastonia	Highway	Quiet Suburban/Rural	400 feet	0	4	0	4
	Gastonia	Highway	Urban/Noisy Suburban	250 feet	0	1	0	1
	Gastonia	Railroad	Urban/Noisy Suburban	350 feet	0	748	26	774
	Mecklenburg	Railroad	Urban/Noisy Suburban	350 feet	0	38	0	38
	<b>North Carolina</b>			<b>Subtotal</b>	<b>0</b>	<b>802</b>	<b>27</b>	<b>829</b>
	<b>Total</b>				<b>0</b>	<b>3,161</b>	<b>62</b>	<b>3,223</b>
NS Approach	Fulton	Railroad	Urban/Noisy Suburban	350 feet	0	2,612	2	2,614
	DeKalb	Railroad	Urban/Noisy Suburban	350 feet	0	754	2	756
	Gwinnett	Railroad	Urban/Noisy Suburban	350 feet	0	439	15	454
	Gwinnett	New	Urban/Noisy Suburban	350 feet	0	87	0	87
	Gwinnett	Highway	Urban/Noisy Suburban	250 feet	0	29	0	29
	Barrow	Highway	Quiet Suburban/Rural	400 feet	0	0	0	0
	Barrow	Highway	Urban/Noisy Suburban	250 feet	0	0	0	0
	<b>Total</b>				<b>0</b>	<b>3,921</b>	<b>19</b>	<b>3,940</b>
CSX Approach	Fulton	Railroad	Urban/Noisy Suburban	350 feet	0	1,144	2	1,146
	DeKalb	Railroad	Urban/Noisy Suburban	350 feet	0	1,334	2	1,336
	Gwinnett	Railroad	Quiet Suburban/Rural	700 feet	0	15	1	16
	Gwinnett	Railroad	Urban/Noisy Suburban	350 feet	0	898	8	906
	Barrow	Railroad	Quiet Suburban/Rural	700 feet	0	5	1	6
	Barrow	New	Quiet Suburban/Rural	1300 feet	0	232	1	233
	Barrow	New	Urban/Noisy Suburban	700 feet	0	96	1	97
<b>Total</b>				<b>0</b>	<b>3,724</b>	<b>16</b>	<b>3,740</b>	
<b>I-85 with NS Approach</b>				<b>Total</b>	<b>0</b>	<b>7,082</b>	<b>81</b>	<b>7,163</b>
<b>I-85 with CSX Approach</b>				<b>Total</b>	<b>0</b>	<b>6,885</b>	<b>78</b>	<b>6,963</b>

Exhibit 5: Noise Receptors – Greenfield Corridor – Regional Rail

	County	Corridor Type	Existing Noise Environment	Screening Distance	Cat 1	Cat 2	Cat 3	Total
Shared	Clayton	Railroad	Urban/Noisy Suburban	350 feet	0	0	0	0
	Fulton	Railroad	Urban/Noisy Suburban	350 feet	0	1,627	24	1,651
	Jackson	New	Quiet Suburban/Rural	600 feet	0	79	0	79
	Clarke	New	Quiet Suburban/Rural	600 feet	0	46	0	46
	Clarke	New	Urban/Noisy Suburban	350 feet	0	103	1	104
	Madison	New	Quiet Suburban/Rural	600 feet	0	100	1	101
	Hart	New	Quiet Suburban/Rural	600 feet	0	63	0	63
			<b>Georgia</b>	<b>Subtotal</b>	<b>0</b>	<b>2,018</b>	<b>26</b>	<b>2,044</b>
	Anderson	New	Quiet Suburban/Rural	600 feet	0	246	0	246
	Greenville	New	Quiet Suburban/Rural	600 feet	0	79	0	79
	Laurens	New	Quiet Suburban/Rural	600 feet	0	91	0	91
	Spartanburg	New	Quiet Suburban/Rural	600 feet	0	262	3	265
	Spartanburg	New	Urban/Noisy Suburban	350 feet	0	43	0	43
	Cherokee	New	Quiet Suburban/Rural	600 feet	0	79	0	79
	York	New	Quiet Suburban/Rural	600 feet	0	180	1	181
	York	New	Urban/Noisy Suburban	350 feet	0	5	0	5
			<b>South Carolina</b>	<b>Subtotal</b>	<b>0</b>	<b>985</b>	<b>4</b>	<b>989</b>
	Gastonia	New	Quiet Suburban/Rural	600 feet	0	78	0	78
	Gastonia	New	Urban/Noisy Suburban	350 feet	0	27	0	27
	Mecklenburg	Railroad	Urban/Noisy Suburban	350 feet	0	38	0	38
			<b>North Carolina</b>	<b>Subtotal</b>	<b>0</b>	<b>143</b>	<b>0</b>	<b>143</b>
				<b>Total</b>	<b>0</b>	<b>3,146</b>	<b>30</b>	<b>3,176</b>
	NS Approach	Fulton	Railroad	Urban/Noisy Suburban	350 feet	0	2,612	2
DeKalb		Railroad	Urban/Noisy Suburban	350 feet	0	754	2	756
Gwinnett		Railroad	Urban/Noisy Suburban	350 feet	0	439	15	454
Gwinnett		New	Urban/Noisy Suburban	350 feet	0	87	0	87
Gwinnett		Highway	Urban/Noisy Suburban	250 feet	0	29	0	29
Barrow		New	Quiet Suburban/Rural	600 feet	0	18	0	18
Barrow		New	Urban/Noisy Suburban	350 feet	0	12	0	12
Jackson		New	Quiet Suburban/Rural	600 feet	0	37	0	37
Jackson		New	Urban/Noisy Suburban	350 feet	0	19	1	20
				<b>Total</b>	<b>0</b>	<b>4,007</b>	<b>20</b>	<b>4,027</b>
CSX Approach	Fulton	Railroad	Urban/Noisy Suburban	350 feet	0	1,144	2	1,146
	DeKalb	Railroad	Urban/Noisy Suburban	350 feet	0	1,334	2	1,336
	Gwinnett	Railroad	Quiet Suburban/Rural	700 feet	0	15	1	16
	Gwinnett	Railroad	Urban/Noisy Suburban	350 feet	0	898	8	906
	Barrow	Railroad	Quiet Suburban/Rural	700 feet	0	5	1	6
	Barrow	New	Quiet Suburban/Rural	600 feet	0	81	0	81

County	Corridor Type	Existing Noise Environment	Screening Distance	Cat 1	Cat 2	Cat 3	Total	
Barrow	New	Urban/Noisy Suburban	350 feet	0	28	0	28	
Jackson	New	Quiet Suburban/Rural	600 feet	0	15	1	16	
<b>Total</b>				<b>0</b>	<b>3,520</b>	<b>15</b>	<b>3,535</b>	
<b>Greenfield with NS Approach</b>				<b>Total</b>	<b>0</b>	<b>7,153</b>	<b>50</b>	<b>7,203</b>
<b>Greenfield with CSX Approach</b>				<b>Total</b>	<b>0</b>	<b>6,666</b>	<b>45</b>	<b>6,711</b>

Exhibit 6: Noise Receptors – Greenfield Corridor – Express Rail

County	Corridor Type	Existing Noise Environment	Screening Distance	Cat 1	Cat 2	Cat 3	Total	
Shared	Clayton	Railroad	Urban/Noisy Suburban	350 feet	0	0	0	
	Fulton	Railroad	Urban/Noisy Suburban	350 feet	0	1,627	24	1,651
	Jackson	New	Quiet Suburban/Rural	1300 feet	0	212	3	215
	Clarke	New	Quiet Suburban/Rural	1300 feet	0	106	0	106
	Clarke	New	Urban/Noisy Suburban	700 feet	0	220	1	221
	Madison	New	Quiet Suburban/Rural	1300 feet	0	230	5	235
	Hart	New	Quiet Suburban/Rural	1300 feet	0	163	1	164
	<b>Georgia</b>			<b>Subtotal</b>	<b>0</b>	<b>2,558</b>	<b>34</b>	<b>2,592</b>
	Anderson	New	Quiet Suburban/Rural	1300 feet	0	602	2	604
	Greenville	New	Quiet Suburban/Rural	1300 feet	0	186	0	186
	Laurens	New	Quiet Suburban/Rural	1300 feet	0	206	3	209
	Spartanburg	New	Quiet Suburban/Rural	1300 feet	0	724	5	729
	Spartanburg	New	Urban/Noisy Suburban	700 feet	0	83	1	84
	Cherokee	New	Quiet Suburban/Rural	1300 feet	0	162	2	164
	York	New	Quiet Suburban/Rural	1300 feet	0	399	4	403
	York	New	Urban/Noisy Suburban	700 feet	0	10	1	11
	<b>South Carolina</b>			<b>Subtotal</b>	<b>0</b>	<b>2,372</b>	<b>18</b>	<b>2,390</b>
	Gastonia	New	Quiet Suburban/Rural	1300 feet	0	303	2	305
	Gastonia	New	Urban/Noisy Suburban	700 feet	0	186	0	186
	Mecklenburg	Railroad	Urban/Noisy Suburban	350 feet	0	38	0	38
	<b>North Carolina</b>			<b>Subtotal</b>	<b>0</b>	<b>527</b>	<b>2</b>	<b>529</b>
	<b>Total</b>				<b>0</b>	<b>5,457</b>	<b>54</b>	<b>5,511</b>
	NS Approach	Fulton	Railroad	Urban/Noisy Suburban	350 feet	0	2,612	2
DeKalb		Railroad	Urban/Noisy Suburban	350 feet	0	754	2	756
Gwinnett		Railroad	Urban/Noisy Suburban	350 feet	0	439	15	454
Gwinnett		New	Urban/Noisy Suburban	350 feet	0	87	0	87
Gwinnett		Highway	Urban/Noisy Suburban	250 feet	0	29	0	29
Barrow		New	Quiet Suburban/Rural	1300 feet	0	28	2	30
Barrow		New	Urban/Noisy Suburban	700 feet	0	20	0	20

	County	Corridor Type	Existing Noise Environment	Screening Distance	Cat 1	Cat 2	Cat 3	Total
	Jackson	New	Quiet Suburban/Rural	1300 feet	0	81	3	84
	Jackson	New	Urban/Noisy Suburban	700 feet	0	41	2	43
			<b>Total</b>		<b>0</b>	<b>4,091</b>	<b>26</b>	<b>4,117</b>
CSX Approach	Fulton	Railroad	Urban/Noisy Suburban	350 feet	0	1,144	2	1,146
	DeKalb	Railroad	Urban/Noisy Suburban	350 feet	0	1,334	2	1,336
	Gwinnett	Railroad	Quiet Suburban/Rural	700 feet	0	15	1	16
	Gwinnett	Railroad	Urban/Noisy Suburban	350 feet	0	898	8	906
	Barrow	Railroad	Quiet Suburban/Rural	700 feet	0	5	1	6
	Barrow	New	Quiet Suburban/Rural	1300 feet	0	223	0	223
	Barrow	New	Urban/Noisy Suburban	700 feet	0	83	2	85
	Jackson	New	Quiet Suburban/Rural	1300 feet	0	17	0	17
			<b>Total</b>	<b>0</b>	<b>3,719</b>	<b>16</b>	<b>3,735</b>	
<b>Greenfield with NS Approach</b>				<b>Total</b>	<b>0</b>	<b>9,548</b>	<b>80</b>	<b>9,628</b>
<b>Greenfield with CSX Approach</b>				<b>Total</b>	<b>0</b>	<b>9,176</b>	<b>70</b>	<b>9,246</b>

Exhibit 7: Vibration Receptors – Crescent Corridor – Conventional Rail

	County	State	Corridor Type	Screening Distance	Cat 1	Cat 2	Cat 3	Total
Shared	Fulton	Georgia	Railroad	20/60 feet	0	21	0	21
	Spartanburg	South Carolina	Railroad	20/60 feet	0	4	0	4
			<b>Total</b>		<b>0</b>	<b>25</b>	<b>0</b>	<b>25</b>
<b>NS Approach</b>				<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
CSX Approach	Jackson	Georgia	Railroad	20/60 feet	0	0	1	1
	Hall	Georgia	Railroad	20/60 feet	0	3	0	3
			<b>Total</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>4</b>	
<b>Crescent with NS Approach</b>				<b>Total</b>	<b>0</b>	<b>25</b>	<b>0</b>	<b>25</b>
<b>Crescent with CSX Approach</b>				<b>Total</b>	<b>0</b>	<b>28</b>	<b>1</b>	<b>29</b>

Exhibit 8: Vibration Receptors – Crescent Corridor – Emerging Rail – Shared

	County	State	Corridor Type	Screening Distance	Cat 1	Cat 2	Cat 3	Total
Shared	Fulton	Georgia	Railroad	20/60 feet	0	21	0	21
	Habersham	Georgia	Railroad	70/100 feet	0	1	0	1

	County	State	Corridor Type	Screening Distance	Cat 1	Cat 2	Cat 3	Total
	Spartanburg	South Carolina	Railroad	20/60 feet	0	4	0	4
	<b>Total</b>				<b>0</b>	<b>26</b>	<b>0</b>	<b>26</b>
NS Approach	Hall	Georgia	Railroad	70/100 feet	0	3	0	3
	<b>Total</b>				<b>0</b>	<b>3</b>	<b>0</b>	<b>3</b>
CSX Approach	Gwinnett	Georgia	Railroad	70/100 feet	0	3	0	3
	Barrow	Georgia	Railroad	70/100 feet	0	1	0	1
	Jackson	Georgia	Railroad	70/100 feet	0	2	1	3
	Hall	Georgia	Railroad	70/100 feet	0	4	0	4
<b>Total</b>				<b>0</b>	<b>10</b>	<b>1</b>	<b>11</b>	
<b>Crescent with NS Approach</b>				<b>Total</b>	<b>0</b>	<b>29</b>	<b>0</b>	<b>29</b>
<b>Crescent with CSX Approach</b>				<b>Total</b>	<b>0</b>	<b>36</b>	<b>1</b>	<b>37</b>

Exhibit 9: Vibration Receptors – I-85 Corridor – Regional Rail

	County	State	Corridor Type	Screening Distance	Cat 1	Cat 2	Cat 3	Total
Shared	Fulton	Georgia	Railroad	20/60 feet	0	21	0	21
	<b>Total</b>				<b>0</b>	<b>21</b>	<b>0</b>	<b>21</b>
NS Approach				<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
CSX Approach	Barrow	Georgia	Railroad	70/100 feet	0	2	0	2
	<b>Total</b>				<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>
<b>I-85 with NS Approach</b>				<b>Total</b>	<b>0</b>	<b>21</b>	<b>0</b>	<b>21</b>
<b>I-85 with CSX Approach</b>				<b>Total</b>	<b>0</b>	<b>23</b>	<b>0</b>	<b>23</b>

Exhibit 10: Vibration Receptors – I-85 Corridor – Express Rail – Shared

	County	State	Corridor Type	Screening Distance	Cat 1	Cat 2	Cat 3	Total
Shared	Fulton	Georgia	Railroad	20/60 feet	0	21	0	21
	<b>Total</b>				<b>0</b>	<b>21</b>	<b>0</b>	<b>21</b>
NS Approach				<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
CSX Approach	Gwinnett	Georgia	Railroad	70/100 feet	0	3	0	3
	Barrow	Georgia	Railroad	70/100 feet	0	2	0	2

County	State	Corridor Type	Screening Distance	Cat 1	Cat 2	Cat 3	Total
			<b>Total</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>5</b>
<b>I-85 with NS Approach</b>			<b>Total</b>	<b>0</b>	<b>21</b>	<b>0</b>	<b>21</b>
<b>I-85 with CSX Approach</b>			<b>Total</b>	<b>0</b>	<b>26</b>	<b>0</b>	<b>26</b>

Exhibit 11: Vibration Receptors – Greenfield Corridor – Regional Rail

County	State	Corridor Type	Screening Distance	Cat 1	Cat 2	Cat 3	Total	
Shared	Fulton	Georgia	Railroad	20/60 feet	0	21	0	21
	Jackson	Georgia	New	70/100 feet	0	5	0	5
	Clarke	Georgia	New	70/100 feet	0	2	0	2
	Madison	Georgia	New	70/100 feet	0	6	0	6
	Hart	Georgia	New	70/100 feet	0	1	0	1
	Anderson	South Carolina	New	70/100 feet	0	13	0	13
	Greenville	South Carolina	New	70/100 feet	0	7	0	7
	Laurens	South Carolina	New	70/100 feet	0	8	0	8
	Spartanburg	South Carolina	New	70/100 feet	0	12	0	12
	Cherokee	South Carolina	New	70/100 feet	0	5	0	5
	York	South Carolina	New	70/100 feet	0	2	0	2
			<b>Total</b>	<b>0</b>	<b>82</b>	<b>0</b>	<b>82</b>	
NS Approach	Jackson	Georgia	New	70/100 feet	0	2	0	2
				<b>Total</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>
CSX Approach	Barrow	Georgia	Railroad	70/100 feet	0	2	0	2
				<b>Total</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>
<b>Greenfield with NS Approach</b>			<b>Total</b>	<b>0</b>	<b>84</b>	<b>0</b>	<b>84</b>	
<b>Greenfield with CSX Approach</b>			<b>Total</b>	<b>0</b>	<b>84</b>	<b>0</b>	<b>84</b>	

Exhibit 12: Vibration Receptors – Greenfield Corridor – Express Rail

County	State	Corridor Type	Screening Distance	Cat 1	Cat 2	Cat 3	Total	
Shared	Fulton	Georgia	Railroad	20/60 feet	0	21	0	21
	Jackson	Georgia	New	100/140 feet	0	10	0	10
	Clarke	Georgia	New	100/140 feet	0	9	0	9
	Madison	Georgia	New	100/140 feet	0	8	0	8



	County	State	Corridor Type	Screening Distance	Cat 1	Cat 2	Cat 3	Total
	Hart	Georgia	New	100/140 feet	0	3	0	3
	Anderson	South Carolina	New	100/140 feet	0	19	0	19
	Greenville	South Carolina	New	100/140 feet	0	14	0	14
	Laurens	South Carolina	New	100/140 feet	0	12	0	12
	Spartanburg	South Carolina	New	100/140 feet	0	21	0	21
	Cherokee	South Carolina	New	100/140 feet	0	5	0	5
	York	South Carolina	New	100/140 feet	0	15	0	15
	Gaston	North Carolina	New	100/140 feet	0	1	0	1
				<b>Total</b>	<b>0</b>	<b>138</b>	<b>0</b>	<b>138</b>
NS Approach	Barrow	Georgia	New	100/140 feet	0	1	0	1
	Jackson	Georgia	New	100/140 feet	0	6	0	6
				<b>Total</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>7</b>
CSX Approach	Gwinnett	Georgia	Railroad	70/100 feet	0	3	0	3
	Barrow	Georgia	New	100/140 feet	0	6	0	6
	Jackson	Georgia	New	100/140 feet	0	2	0	2
				<b>Total</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>11</b>
<b>Greenfield with NS Approach</b>				<b>Total</b>	<b>0</b>	<b>145</b>	<b>0</b>	<b>145</b>
<b>Greenfield with CSX Approach</b>				<b>Total</b>	<b>0</b>	<b>149</b>	<b>0</b>	<b>149</b>

## APPENDIX D – TECHNICAL DOCUMENTATION

### Ecological Resources

Major Perennial Waterways

Federal and State Listed Protected Species

Major Perennial Waters Associated with 100-year Floodplains and Floodways

## Major Perennial Waterways within Crescent Study Corridor

State	River/Stream Name	County
Georgia	Peachtree Creek***	Fulton
Georgia	South Fork Peachtree Creek*	Fulton & DeKalb
Georgia	Burnt Fork Creek*	DeKalb
Georgia	Camp Creek*	DeKalb & Gwinnett
Georgia	Jackson Creek*	Gwinnett
Georgia	Sweetwater Creek*	Gwinnett
Georgia	Yellow River*	Gwinnett
Georgia	Redland Creek*	Gwinnett
Georgia	Cedar Creek*	Gwinnett
Georgia	Shoal Creek*	Gwinnett
Georgia	Alcovy River*	Gwinnett
Georgia	Hopkins Creek*	Gwinnett
Georgia	Suwanee Creek**	Gwinnett
Georgia	Apalachee River*	Barrow
Georgia	Rock Creek*	Barrow
Georgia	Little Mulberry River*	Barrow
Georgia	Harvey Branch*	Barrow
Georgia	Mulberry River*	Barrow & Jackson
Georgia	Lott Creek*	Jackson
Georgia	Walnut Creek*	Hall
Georgia	Candler Branch*	Hall
Georgia	Big Creek**	Hall
Georgia	Mud Creek**	Hall
Georgia	Balus Creek**	Hall
Georgia	Flat Creek**	Hall
Georgia	Hudson River	Banks
Georgia	South Fork Little Mud Creek	Habersham
Georgia	North Fork Little Mud Creek	Habersham
Georgia	South Fork Mud Creek	Habersham
Georgia	Cornelia Branch	Habersham
Georgia	Camp Creek	Habersham
Georgia	Middle Fork Broad River	Habersham
Georgia	Dicks Creek	Stephens
Georgia	North Fork Broad River	Stephens
Georgia	Walton Creek	Stephens
Georgia & South Carolina	Tugaloo River <sup>2</sup>	Stephens & Oconee
South Carolina	Toxaway Creek	Oconee
South Carolina	Chauga River	Oconee
South Carolina	Coneross Creek <sup>2</sup>	Oconee
South Carolina	Richland Creek	Oconee

State	River/Stream Name	County
South Carolina	Seneca River	Oconee & Pickens
South Carolina	Golden Creek	Pickens
South Carolina	Middle Branch Brushy Creek	Pickens
South Carolina	Georges Creek	Pickens
South Carolina	Little Georges Creek	Pickens
South Carolina	Saluda River	Pickens & Greenville
South Carolina	Reedy River	Greenville
South Carolina	Richland Creek	Greenville
South Carolina	Enoree River <sup>1</sup>	Greenville
South Carolina	South Tyger River	Spartanburg
South Carolina	Middle Tyger River <sup>1</sup>	Spartanburg
South Carolina	Jimmies Creek	Spartanburg
South Carolina	North Tyger River <sup>1</sup>	Spartanburg
South Carolina	Frey Creek	Spartanburg
South Carolina	Fair Forest Creek <sup>1</sup>	Spartanburg
South Carolina	Chinquapin Creek	Spartanburg
South Carolina	Lawsons Fork Creek <sup>2</sup>	Spartanburg
South Carolina	Pacolet River	Spartanburg
South Carolina	Little Thicketty Creek	Cherokee
South Carolina	Thicketty Creek	Cherokee
South Carolina	Cherokee Creek	Cherokee
South Carolina	Broad River <sup>1,2</sup>	Cherokee
South Carolina	Canoe Creek	Cherokee
South Carolina	Doolittle Creek	Cherokee
South Carolina	Jumping Branch	Cherokee
North Carolina	Abernethy Creek	Cleveland
North Carolina	South Fork Catawba River	Gaston
North Carolina	Catawba River	Gaston & Mecklenburg
North Carolina	Paw Creek	Mecklenburg
North Carolina	Coffey Creek	Mecklenburg
North Carolina	Taggart Creek	Mecklenburg
North Carolina	Irwin Creek	Mecklenburg
<p><i>Source: USFWS National Wetland Inventory (NWI) Maps; USGS National Hydrography Dataset (NHD); USGS Topographic Maps; US Department of State Geographer Google Earth</i></p> <p><i>*CSX Atlanta Approach; **Norfolk Southern Atlanta Approach</i></p> <p><sup>1</sup> Listed on the "Nationwide Rivers Inventory" by the National Park Service; <sup>2</sup> Designated as a "Navigable Water" by the United States Coast Guard</p>		

## Major Perennial Waterways within I-85 Study Corridor

State	River/Stream Name	County
Georgia	Peachtree Creek***	Fulton
Georgia	South Fork Peachtree Creek*	Fulton & DeKalb
Georgia	Burnt Fork Creek*	DeKalb
Georgia	Camp Creek*	DeKalb & Gwinnett
Georgia	Jackson Creek*	Gwinnett
Georgia	Sweetwater Creek*	Gwinnett
Georgia	Yellow River*	Gwinnett
Georgia	Redland Creek*	Gwinnett
Georgia	Shoal Creek*	Gwinnett
Georgia	Cedar Creek*	Gwinnett
Georgia	Alcovy River*	Gwinnett
Georgia	Hopkins Creek*	Gwinnett
Georgia	Suwanee Creek**	Gwinnett
Georgia	Ivy Creek**	Gwinnett
Georgia	Little Ivy Creek**	Gwinnett
Georgia	Duncan Creek**	Gwinnett
Georgia	Apalachee River*	Barrow
Georgia	Rock Creek*	Barrow
Georgia	Little Mulberry River*	Barrow
Georgia	Harvey Branch*	Barrow
Georgia	Wheeler Creek**	Barrow
Georgia	Mulberry River***	Barrow & Jackson
Georgia	Persimmon Branch	Jackson
Georgia	Walnut Creek	Jackson
Georgia	Middle Oconee River <sup>1</sup>	Jackson
Georgia	Mill Branch	Jackson
Georgia	North Oconee River <sup>1,2</sup>	Jackson
Georgia	Gravelly Creek	Jackson
Georgia	Crooked Creek	Banks
Georgia	Grove Creek	Banks
Georgia	Hudson River	Banks
Georgia	Carlan Creek	Banks
Georgia	Crockett Creek	Franklin
Georgia	Nails Creek	Franklin
Georgia	Indian Creek	Franklin
Georgia	Middle Fork Broad River <sup>1</sup>	Franklin
Georgia	Stephens Creek	Franklin
Georgia	Turkey Creek	Franklin
Georgia	North Fork Broad River	Franklin

State	River/Stream Name	County
Georgia	Unawatti Creek	Franklin
Georgia	Wrights Branch	Franklin
Georgia	Whitworth Creek	Franklin
Georgia & South Carolina	Tugaloo River <sup>2</sup>	Hart & Oconee
South Carolina	Fair Play Creek	Oconee
South Carolina	Beaverdam Creek	Anderson
South Carolina	Hurricane Creek	Anderson
South Carolina	Little Beaverdam Creek	Anderson
South Carolina	Seneca River	Anderson
South Carolina	Three and Twenty Creek	Anderson
South Carolina	Steel Creek	Anderson
South Carolina	Hurricane Creek	Anderson
South Carolina	Six and Twenty Creek	Anderson
South Carolina	Big Brushy Creek	Anderson
South Carolina	Craven Creek	Anderson
South Carolina	Saluda River	Anderson & Greenville
South Carolina	Brushy Creek	Anderson & Greenville
South Carolina	Reedy River	Greenville
South Carolina	Laurel Creek	Greenville
South Carolina	Rocky Creek	Greenville
South Carolina	Enoree River <sup>1</sup>	Greenville
South Carolina	Dillard Creek	Spartanburg
South Carolina	Vines Creek	Spartanburg
South Carolina	Abner Creek	Spartanburg
South Carolina	South Tyger River	Spartanburg
South Carolina	Middle Tyger River	Spartanburg
South Carolina	Jimmies Creek	Spartanburg
South Carolina	North Tyger River <sup>1</sup>	Spartanburg
South Carolina	Frey Creek	Spartanburg
South Carolina	Grays Creek	Spartanburg
South Carolina	Fair Forest Creek <sup>1</sup>	Spartanburg
South Carolina	Chinquapin Creek	Spartanburg
South Carolina	Lawsons Fork Creek <sup>2</sup>	Spartanburg
South Carolina	Betty Green Creek	Spartanburg
South Carolina	Peters Creek	Spartanburg
South Carolina	Pole Bridge Branch	Spartanburg
South Carolina	Pacolet River	Spartanburg
South Carolina	Little Thicketty Creek	Spartanburg & Cherokee
South Carolina	Thicketty Creek	Cherokee
South Carolina	Cole Creek	Cherokee
South Carolina	Cherokee Creek	Cherokee

<b>State</b>	<b>River/Stream Name</b>	<b>County</b>
South Carolina	Broad River <sup>2</sup>	Cherokee
South Carolina	Buffalo Creek	Cherokee
North Carolina	Ponders Branch	Cleveland
North Carolina	Dixon Branch	Cleveland
North Carolina	Kings Creek	Cleveland
North Carolina	McGill Creek	Gaston
North Carolina	Abernethy Creek	Gaston
North Carolina	Oates Creek	Gaston
North Carolina	South Fork Catawba River	Gaston
North Carolina	Catawba River <sup>2</sup>	Gaston & Mecklenburg
North Carolina	Paw Creek	Mecklenburg
North Carolina	Coffey Creek	Mecklenburg
North Carolina	Taggart Creek	Mecklenburg
North Carolina	Irwin Creek	Mecklenburg
<p><i>Source: USFWS NWI Maps; USGS NHD; USGS Topographic Maps; US Department of State Geographer Google Earth</i></p> <p><i>*CSX Atlanta Approach; **Norfolk Southern Atlanta Approach</i></p> <p><sup>1</sup> Listed on the "Nationwide Rivers Inventory" by the National Park Service; <sup>2</sup> Designated as a "Navigable Water" by the United States Coast Guard</p>		

## Major Perennial Waterways within Greenfield Study Corridor

State	River/Stream Name	County
Georgia	Peachtree Creek***	Fulton
Georgia	South Fork Peachtree Creek*	Fulton & DeKalb
Georgia	Burnt Fork Creek*	DeKalb
Georgia	Camp Creek*	DeKalb & Gwinnett
Georgia	Jackson Creek*	Gwinnett
Georgia	Sweetwater Creek*	Gwinnett
Georgia	Yellow River*	Gwinnett
Georgia	Redland Creek*	Gwinnett
Georgia	Shoal Creek*	Gwinnett
Georgia	Cedar Creek*	Gwinnett
Georgia	Alcovy River*	Gwinnett
Georgia	Hopkins Creek*	Gwinnett
Georgia	Suwanee Creek**	Gwinnett
Georgia	Ivy Creek**	Gwinnett
Georgia	Little Ivy Creek**	Gwinnett
Georgia	Duncan Creek**	Gwinnett
Georgia	Apalachee River*	Barrow
Georgia	Rocky Creek*	Barrow
Georgia	Wheeler Creek**	Barrow
Georgia	Mulberry River***	Barrow & Jackson
Georgia	Indian Creek***	Jackson
Georgia	Middle Oconee River <sup>1</sup>	Jackson
Georgia	Redstone Creek	Jackson
Georgia	Walton Creek	Clarke
Georgia	North Oconee River <sup>1,2</sup>	Clarke
Georgia	Sandy Creek	Clarke
Georgia	Noketchee Creek	Clarke
Georgia	West Fork Trail Creek	Clarke
Georgia	Sulphur Spring Branch	Clarke & Madison
Georgia	Biger Creek	Madison
Georgia	Brush Creek	Madison
Georgia	Double Branch	Madison
Georgia	South Fork Broad River	Madison
Georgia	Cedar Grove Branch	Madison
Georgia	Scull Shoal Creek	Madison
Georgia	Broad River <sup>1</sup>	Madison
Georgia	Mill Shoal Creek	Madison
Georgia	Butler Creek	Madison
Georgia	Beaverdam Creek	Hart



State	River/Stream Name	County
Georgia	Little Beaverdam Creek	Hart
Georgia	Coldwater Creek	Hart
Georgia	Little Coldwater Creek	Hart
Georgia	Boyds Creek	Hart
Georgia	Cedar Creek	Hart
Georgia	Little Cedar Creek	Hart
Georgia & South Carolina	Savannah River <sup>1,2</sup>	Hart & Anderson
South Carolina	Wilson Creek	Anderson
South Carolina	Nesbit Creek	Anderson
South Carolina	Beaver Creek	Anderson
South Carolina	Rocky River	Anderson
South Carolina	Cherokee Creek	Anderson
South Carolina	Hencoop Creek	Anderson
South Carolina	Broad Mouth Creek	Anderson
South Carolina	Saluda River	Anderson & Greenville
South Carolina	Mountain Creek	Greenville
South Carolina	Horse Creek	Greenville
South Carolina	Reedy River	Greenville
South Carolina	Martin Creek	Greenville
South Carolina	South Rabon Creek	Greenville
South Carolina	Stoddard Creek	Laurens
South Carolina	Reedy Creek	Laurens
South Carolina	South Durbin Creek	Laurens
South Carolina	Durbin Creek	Laurens
South Carolina	Little Durbin Creek	Laurens
South Carolina	Hunter Branch	Laurens
South Carolina	Enoree River <sup>1</sup>	Greenville, Laurens & Spartanburg
South Carolina	Vines Creek	Spartanburg
South Carolina	Dillard Creek	Spartanburg
South Carolina	Abner Creek	Spartanburg
South Carolina	South Tyger River	Spartanburg
South Carolina	North Tyger River <sup>1</sup>	Spartanburg
South Carolina	Tim Creek	Spartanburg
South Carolina	Stillhouse Branch	Spartanburg
South Carolina	Wards Creek	Spartanburg
South Carolina	Dutchman Creek	Spartanburg
South Carolina	Jennings Branch	Spartanburg
South Carolina	Smith Creek	Spartanburg
South Carolina	Lancaster Branch	Spartanburg
South Carolina	Pauline Creek	Spartanburg
South Carolina	Dugan Creek	Spartanburg

State	River/Stream Name	County
South Carolina	Fairforest Creek <sup>1</sup>	Spartanburg
South Carolina	Black Branch	Spartanburg
South Carolina	Whitestone Spring Branch	Spartanburg
South Carolina	Kennedy Creek	Spartanburg
South Carolina	Harris Creek	Spartanburg
South Carolina	Mill Creek	Spartanburg
South Carolina	Pacolet River	Spartanburg & Cherokee
South Carolina	Plum Branch	Cherokee
South Carolina	Mill Branch	Cherokee
South Carolina	Thicketty Creek	Cherokee
South Carolina	Jones Creek	Cherokee
South Carolina	Timber Ridge Branch	Cherokee
South Carolina	Polecat Creek	Cherokee
South Carolina	Minkum Creek	Cherokee
South Carolina	Dry Fork Creek	Cherokee
South Carolina	Gilkey Creek	Cherokee
South Carolina	Abingdon Creek	Cherokee
South Carolina	Service Branch	Cherokee
South Carolina	Quinton Branch	Cherokee
South Carolina	Broad River <sup>1,2</sup>	Cherokee & York
South Carolina	Wolf Creek	York
South Carolina	Clark Fork	York
South Carolina	Manning Branch	Cherokee
South Carolina	Allison Creek	York
South Carolina	Beaverdam Creek	York
North Carolina	Crowders Creek	Gaston
North Carolina	Catawba Creek	Gaston
North Carolina	South Fork Catawba River	Gaston
North Carolina	Catawba River <sup>2</sup>	Gaston & Mecklenburg
North Carolina	Paw Creek	Mecklenburg
North Carolina	Coffey Creek	Mecklenburg
North Carolina	Taggart Creek	Mecklenburg
North Carolina	Irwin Creek	Mecklenburg

Source: USFWS NWI Maps; USGS NHD; USGS Topographic Maps; US Department of State Geographer Google Earth

<sup>1</sup> Listed on the "Nationwide Rivers Inventory" by the National Park Service; <sup>2</sup> Designated as a "Navigable Water" by the United States Coast Guard

## Federal and State Listed Protected Species in Georgia

Species Scientific and Common Names	Status		County	Habitat Description	DCH
	Fed	GA			
<b>Mammals</b>					
<i>Myotis sodalis</i> Indiana bat	E	E	Hall, Banks, Habersham, Stephens, Oconee	Hibernates in suitable caves, preferably limestone caves, with standing water that maintain a relative humidity between 66 and 94% during the winter. Summer roosts include mature dead or dying hardwood trees, usually with loose, exfoliating bark or hollow, or in tree cavities. Roost sites are within wooded or semi-wooded areas, typically at the edge or in a clearing which receives direct sunlight for the majority of the day. Indiana bats forage in the surrounding riparian, floodplain, and upland forest, occasionally over open areas, ponds, and fields. Known roost trees include elm, oak, beech, hickory, maple, ash, sassafras, birch, sycamore, locust, aspen, cottonwood, pine and hemlock, especially those with exfoliating bark.	Yes
<i>Myotis septentrionalis</i> Northern long-eared bat	E	-	Gwinnett, Hall, Banks, Habersham, Stephens, Barrow, Hart, Franklin	Hibernates during the winter in large caves or mines with large passages and entrances, constant cold temperatures and high humidity. During the summer, roosts singly or in small colonies underneath bark, in cavities, or in crevices of live, damaged or dead trees. Some bats, mainly males and non-reproductive females, can be found in cooler places, such as caves and mines, during the summer months. Rarely observed in man-made structures, including barns and sheds. Northern long-eared bats forage in the understory of forested hillsides and ridges. They are reliant on large areas of intact, interior forest. Mature forested habitat with low canopy closure, high diversity and uneven age structure is preferred.	No
<b>Mussels</b>					
<i>Medionidus penicillatus</i> Gulf moccasinshell	E	E	Clayton, Fulton	Typically occupies small streams to large rivers with sandy substrates and moderate flow. Can be found in gravel and cobble sediment types.	Yes
<i>Pleurobema pyriforme</i> Oval pigtoe	E	E	Clayton, Fulton	Occupies small streams to large rivers with sand or gravel substrates and moderate flow.	Yes
<i>Elliptoideus sloatianus</i> Purple bankclimber	E	E	Clayton, Fulton	It occurs in small to large rivers with sandy to silty sediments and moderate current.	Yes
<i>Lampsilis subangulata</i> Shinyrayed pocketbook	E	E	Clayton, Fulton	Medium-sized to large rivers with sandy to muddy substrates and low to moderate flow.	Yes
<b>Fish</b>					
<i>Notropis szepticus</i> Sandbar shiner	-	R	Franklin	Typically found in flowing pools over sandy substrate within small- to medium-sized, 2 to 30 meter wide, clear creeks and small to medium rivers. Individuals occur upstream or downstream from rocky riffle habitats.	No

Species	Status		County	Habitat Description	DCH
<i>Cyprinella xaenura</i> Altamaha shiner	T	T	Jackson	Suitable habitat includes rocky and sandy pools of creeks and small rivers. Most often occurs in small- to moderate-sized, clear, cool streams; prefers pools behind obstacles along and under banks.	No
<i>Etheostoma scotti</i> Cherokee darter	-	T	Fulton	Small- to medium-sized clearer streams with clean gravel and cobble bed sediments and moderate to swift current. Adults do not occupy streams with thick silt and sediment deposits as they require clean bed sediments for spawning. Individuals may be found in the pools at the head or tail of riffles.	No
<b>Crayfish</b>					
<i>Cambarus howardi</i>	-	T	DeKalb	Clear, free-flowing waters with rocky habitat. It occupies a range of stream sizes in the Chattahoochee River watershed, from smaller tributary streams to the mainstem river. Usually found under rocks or in shallow waters.	No
<b>Plants</b>					
<i>Symphotrichum georgianum</i> Georgia aster	-	T	DeKalb; Gwinnett; Hall; Madison; Clarke	Occurs in rocky, upland oak-hickory forests usually with circumneutral soils, and the rights-of-way through these habitats.	No
<i>Amphianthus pusillus</i> Little amphianthus	T	T	DeKalb; Gwinnett; Barrow; Madison	Shallow, flat-bottomed depressions (solution pits, vernal pools) with thin, gravelly soils on granite outcrops. It requires pools in full sun with water present for several weeks.	No
<i>Rhus michauxii</i> Michaux's sumac	E	E	DeKalb	This plant grows in dry, open, rocky or sandy woodlands over mafic bedrock; often occurs on ridges or river bluffs with basic soils high in levels of calcium, magnesium, or iron.	No
<i>Isoetes melanospora</i> Black-spored quillwort	E	E	DeKalb; Gwinnett; Hall; Jackson; Banks; Barrow; Madison; Clarke	Shallow, temporarily flooded, flat-bottomed pools formed by natural erosion on granite outcrops. Pools are created by seasonal inundation and seepage from surrounding habitats during the winter and spring.	No
<i>Echinacea laevigata</i> Smooth coneflower	E	E	Banks; Habersham; Stephens; Franklin	Occurs in grassy openings and rocky glades with shallow soil over mafic bedrock and the sunny roadsides and rights-of-way through these habitats. It is often found with populations of rattlesnake-master, sunflowers, shortleaf pine, post oak, and blackjack oak.	No
<i>Trillium persistens</i> Persistent trillium	E	E	Habersham; Stephens	Grows in ravines and along streams within pine-hemlock-hardwood forests, often with populations of rosebay or Carolina rhododendron. It can also be found in low bush blueberry thickets.	No
<i>Isotria medeoloides</i> Small whorled pogonia	T	T	Habersham	It occurs on the lower slopes and stream terraces of mixed hardwood-pine forests generally in second- or third-growth successional	No

Species	Status	County	Habitat Description	DCH	
			stages with moist, acidic soils. Often found in canopy breaks and in areas with sparse to moderate ground cover.		
<i>Isoetes tegetiformans</i> Mat-forming quillwort	E	E	Jackson	Plants are found in shallow pools formed by natural erosion on granite outcrops.	No
<i>Platanthera integrilabia</i> White fringeless orchid	C	T	Habersham, Stephens	Generally grows in wet, flat, boggy areas at the head of streams or seepage slopes in acidic muck or sand and partially, but not fully shaded areas. It is often found in association with Sphagnum species and <i>Osmunda cinnamomea</i> , <i>Woodwardia areolata</i> , and <i>Thelypteris novaboracensis</i> .	No
<i>Schisandra glabra</i> Bay star-vine	-	T	DeKalb	Grows in moist, deciduous hardwood forests usually on lower slopes, stream terraces, and floodplains. It is often associated with American beech.	No
<i>Cypripedium acaule</i> Pink ladyslipper	-	U	Fulton	Found in upland pine and mixed pine-hardwood forests with acidic soils. When this plant occurs in the mountains, it is often found near edges of azalea thickets and mountain bogs.	No
<b>Birds</b>					
<i>Aimophila aestivalis</i> Bachman's sparrow	-	R	Fulton	Mature open pinewoods, regenerating clear-cuts (both pine and hardwoods), utility rights-of-way, and old pastures with a dense ground cover of grasses, (particularly wiregrass, bluestem, or broomsedge) and forbs, or palmetto scrub. This bird is often associated with mature pinewoods where red-cockaded woodpeckers are found. It does not tolerate encroachment by hardwood trees and shrubs in the understory.	No
Key: T = Threatened; E = Endangered; C = Candidate; R = Rare; U = Unusual					
Source: GADNR Rare Species Profiles <a href="http://www.georgiawildlife.com">www.georgiawildlife.com</a>					
Source: Nature Serve <a href="http://www.natureserve.org">www.natureserve.org</a>					

## Federal and State Listed Protected Species in South Carolina

Species	Status	County	Habitat Description	DCH
---------	--------	--------	---------------------	-----

Scientific and Common Names	Fed	SC			
<b>Mammals</b>					
<i>Myotis sodalis</i> Indiana bat	E	E	Oconee	Hibernates in suitable caves, preferably limestone caves, with standing water that maintain a relative humidity between 66 and 94% during the winter. Summer roosts include mature dead or dying hardwood trees, usually with loose, exfoliating bark or hollow, or in tree cavities. Roost sites are within wooded or semi-wooded areas, typically at the edge or in a clearing which receives direct sunlight for the majority of the day. Indiana bats forage in the surrounding riparian, floodplain, and upland forest, occasionally over open areas, ponds, and fields. Known roost trees include elm, oak, beech, hickory, maple, ash, sassafras, birch, sycamore, locust, aspen, cottonwood, pine and hemlock, especially those with exfoliating bark.	Yes
<i>Puma concolor cougar</i> * Eastern cougar	E	E	Pickens; Greenville	Occupies a wide variety of habitats, such as swamps, riparian woodlands and mountainous country with large coverage of brush or woodland.	No
<b>Birds</b>					
<i>Picoides borealis</i> Red-cockaded woodpecker	E	E	Laurens	Open, mature pine woodlands, rarely deciduous, or mixed pine-hardwoods located near pine woodlands. Prefers broad savanna with a scattered overstory of large pines and dense groundcover with a diversity of grass, forb and shrub species. Midstory vegetation is typically sparse or absent. Nesting and roosting occurs in the tree cavities of old, living, flat-topped pine trees. Juveniles may nest in dead trees, the underside of large limbs and forks on live pines until they can find a live tree.	No
<b>Reptiles</b>					
<i>Glyptemys muhlenbergii</i> Bog turtle	T	T (SOA)	Pickens; Greenville	Inhabits slowly flowing creeks and seepages within low mountain valleys containing soft, deep, mucky organic soil and open wet areas with shallow water. These bog habitats are typically open areas abundant in sedges and mosses that include sphagnum bogs, marshy meadows, spring seeps, wet cow pastures, and shrub swamps.	No
<b>Mussels</b>					
<i>Lasmigona decorata</i> Carolina heelsplitter	E	E	Laurens; York	Inhabits creeks to small rivers with clay or various combinations of coarse substrates and usually occurs within two meters of the shoreline.	Yes
<b>Plants</b>					
<i>Symphotrichum georgianum</i> Georgia aster	-	T	Oconee; Pickens; Cherokee; York; Laurens; Union	Occurs in rocky, upland oak-hickory forests usually with circumneutral soils, and the rights-of-way through these habitats.	No

\*USFWS has removed the extinct Eastern Cougar from the Endangered Species List effective February 22, 2018

Species Scientific and Common Names	Status		County	Habitat Description	DCH
	Fed	SC			
<i>Trillium persistens</i> Persistent trillium	E	E	Oconee	Grows in ravines and along streams within pine-hemlock-hardwood forests, often with populations of rosebay or Carolina rhododendron. It can also be found in low bush blueberry thickets.	No
<i>Isotria medeoloides</i> Small whorled pogonia	T	T	Oconee; Greenville	It occurs on the lower slopes and stream terraces of mixed hardwood-pine forests generally in second- or third-growth successional stages with moist, acidic soils. Often found in canopy breaks and in areas with sparse to moderate ground cover.	No
<i>Echinacea laevigata</i> Smooth coneflower	E	E	Oconee; Pickens; Anderson	Occurs in grassy openings and rocky glades with shallow soil over mafic bedrock and the sunny roadsides and rights-of-way through these habitats. It is often found with populations of rattlesnake-master, sunflowers, shortleaf pine, post oak, and blackjack oak.	No
<i>Hexastylis naniflora</i> Dwarf-flowered heartleaf	T	T	Pickens; Greenville; Spartanburg ; Cherokee; York	Found in oak-hickory-pine forests with acidic soils on moist to rather dry slopes of ravines. It can also be found along bluffs and hillsides in boggy areas near streams.	No
<i>Sarracenia rubra</i> ssp. <i>Jonesii</i> Mountain sweet pitcher-plant	E	E	Pickens; Greenville	Commonly grows in seepage-fed depression bogs with flat to gently sloping topography in valley bottoms that are not subject to flooding with acidic, poorly drained loam/sand/silt soils rich in organic matter. Grows preferentially in the wettest areas of the bogs and can also be found along the edges and granite rock face of waterfalls	No
<i>Sagittaria fasciculata</i> Bunched arrowhead	E	E	Greenville	Gently sloping areas of a narrow band in bluff-floodplain ecotone with some standing water refreshed by slow continuous seepage of cool water from the surrounding habitat. Typically found near, but not at, the origin of the seep.	No
<i>Helonias bullata</i> Swamp pink	T	T	Greenville	Often found at stream sources in forested wetlands that are groundwater influenced and perennially water-saturated with a low frequency of inundation. Habitat types include: headwater seepage wetlands, red maple swamps, mixed hardwood/evergreen swamps, and emergent portions of hummocks.	No
<i>Platanthera integrilabia</i> White fringeless orchid	C	N/A	Greenville	It grows in wet, flat, boggy habitats at the head of streams or seepage slopes with acidic much or sand soils and partially, but not fully shaded areas. Often found with sphagnum species among others.	No
<i>Gymnoderma lineare</i> Rock gnome lichen	E	E	Greenville	On the vertical rock faces of shady or shady moss-covered rock on high-elevation cliffs or deep river gorges at lower elevations with frequently humid, foggy conditions and some seepage from forest soils above.	No

Species Scientific and Common Names	Status		County	Habitat Description	DCH
	Fed	SC			
<i>Isoetes melanospora</i> Black-spored quillwort	E	E	Pickens	Shallow, temporarily flooded, flat-bottomed pools formed by natural erosion on granite outcrops. Pools are created by seasonal inundation and seepage from surrounding habitats during the winter and spring.	No
<i>Sisyrinchium dichotomum</i> Reflexed blue-eyed grass	E	E	Greenville	Inhabits clearings and near the edges of upland woods with thin canopy cover and rich, basic soils exposed from runoff, which has removed the litter layer from the surface.	No
<i>Amphianthus pusillus</i> Little amphianthus	T	T	Laurens; York	Shallow, flat-bottomed depressions (solution pits, vernal pools) with thin, gravelly soils on granite outcrops. It requires pools in full sun with water present for several weeks	No
<i>Helianthus schweinitzii</i> Schweinitz's sunflower	E	E	York	Grows in the edges of and clearings in upland oak-pine-hickory forests and piedmont longleaf pine forests with moist to dry sandy loams. It requires open habitat with full or partial sunlight. Currently, many populations are restricted to roadsides and power line clearings.	No
<p>Key: E = Endangered; T = Threatened; T(SOA) = Threatened due to Similarity of Appearance; C = Candidate  Source: GADNR Rare Species Profiles <a href="http://www.georgiawildlife.com">www.georgiawildlife.com</a>  Source: Nature Serve <a href="http://www.natureserve.org">www.natureserve.org</a></p>					

## Federal and State Listed Protected Species in North Carolina

Species	Status	County	Habitat Description	DCH
---------	--------	--------	---------------------	-----



Species	Status		County	Habitat Description	DCH
Scientific and Common Names	Fed	NC			
<b>Mammals</b>					
<i>Myotis septentrionalis</i> Northern long-eared bat	E	-	Cleveland, Gaston, Mecklenburg	Hibernates during the winter in large caves or mines with large passages and entrances, constant cold temperatures and high humidity. During the summer, roosts singly or in small colonies underneath bark, in cavities, or in crevices of live, damaged or dead trees. Some bats, mainly males and non-reproductive females, can be found in cooler places, such as caves and mines, during the summer months. Rarely observed in man-made structures, including barns and sheds. Northern long-eared bats forage in the understory of forested hillsides and ridges. They are reliant on large areas of intact, interior forest. Mature forested habitat with low canopy closure, high diversity and uneven age structure is preferred.	No
<b>Reptiles</b>					
<i>Glyptemys muhlenbergii</i> Bog turtle	T (SOA)	E	Gaston	Inhabits slowly flowing creeks and seepages within low mountain valleys containing soft, deep, mucky organic soil and open wet areas with shallow water. These bog habitats are typically open areas abundant in sedges and mosses that include sphagnum bogs, marshy meadows, spring seeps, wet cow pastures, and shrub swamps.	No
<b>Mussels</b>					
<i>Lasmigona decorata</i> Carolina heelsplitter	E	E	Mecklenburg	Inhabits creeks to small rivers with clay or various combinations of coarse substrates and usually occurs within two meters of the shoreline.	Yes
<b>Plants</b>					
<i>Hexastylis naniflora</i> Dwarf-flowered heartleaf	T	T	Cleveland; Gaston	Found in oak-hickory-pine forests with acidic soils on moist to rather dry slopes of ravines. It can also be found along bluffs and hillsides in boggy areas near streams.	No
<i>Symphotrichum georgianum</i> Georgia aster	-	T	Gaston; Mecklenburg	Occurs in rocky, upland oak-hickory forests usually with circumneutral soils, and the rights-of-way through these habitats.	No
<i>Helianthus schweinitzii</i> Schweinitz's sunflower	E	E	Gaston; Mecklenburg	Grows in the edges of and clearings in upland oak-pine-hickory forests and piedmont longleaf pine forests with moist to dry sandy loams. It requires open habitat with full or partial sunlight. Currently, many populations are restricted to roadsides and power line clearings.	No
<i>Rhus michauxii</i> Michaux's sumac	E	E	DeKalb; Fulton	This plant grows in dry, open, rocky or sandy woodlands over mafic bedrock; often occurs on ridges or river bluffs with basic soils high in levels of calcium, magnesium, or iron.	No

Species	Status		County	Habitat Description	DCH
<i>Echinacea laevigata</i> Smooth coneflower	E	E	Mecklenburg	Occurs in grassy openings and rocky glades with shallow soil over mafic bedrock and the sunny roadsides and rights-of-way through these habitats. It is often found with populations of rattlesnake-master, sunflowers, shortleaf pine, post oak, and blackjack oak.	No
<i>Delphinium exaltatum</i> Tall larkspur	FSC	E	Mecklenburg	Mostly grows over mafic rock on grassy balds, glades and woodlands. This species has also been found along disturbed roadsides, old fields and maintained rights-of-way corridors.	No
<i>Magnolia macrophylla</i> Bigleaf magnolia	NL	T	Gaston	Rich mesic deciduous forests.	No
<p><i>Key: T = Threatened; E = Endangered; C = Candidate; T (SOA) = Threatened due to Similarity of Appearance; FSC = Federal Species of Concern</i></p> <p><i>Source: USFWS Raleigh Ecological Services Field Office <a href="http://www.fws.gov/raleigh/species">www.fws.gov/raleigh/species</a></i></p> <p><i>Source: NCDENR Natural Heritage Program <a href="http://portal.ncdenr.org/web/nhp/database-search">http://portal.ncdenr.org/web/nhp/database-search</a></i></p> <p><i>Source: Nature Serve <a href="http://www.natureserve.org">www.natureserve.org</a></i></p>					

**Waterways and Waterbodies associated with 100-year Floodplains and Floodways  
within Crescent Study Corridor**

<b>State</b>	<b>Associated River/Stream Name</b>	<b>SFHA Zone</b>	<b>County</b>
Georgia	Flint River***	Zone AE <sup>1</sup>	Fulton
Georgia	Peachtree Creek***	Zone AE <sup>1</sup>	Fulton
Georgia	North Fork Peachtree Creek**	Zone A	Fulton
Georgia	Bromolow Creek**	Zone AE <sup>1</sup>	Gwinnett
Georgia	Chattahoochee River**	Zone AE <sup>1</sup>	Gwinnett
Georgia	Suwanee Creek**	Zone AE <sup>1</sup>	Gwinnett
Georgia	South Fork Peachtree Creek*	Zone AE <sup>1</sup>	DeKalb
Georgia	Burnt Fork Creek*	Zone A/Zone AE	DeKalb
Georgia	Camp Creek*	Zone AE <sup>1</sup>	DeKalb & Gwinnett
Georgia	Jackson Creek*	Zone AE <sup>1</sup>	Gwinnett
Georgia	Sweetwater Creek*	Zone AE <sup>1</sup>	Gwinnett
Georgia	Yellow River*	Zone AE <sup>1</sup>	Gwinnett
Georgia	Pew Creek*	Zone AE <sup>1</sup>	Gwinnett
Georgia	Redland Creek*	Zone AE <sup>1</sup>	Gwinnett
Georgia	Cedar Creek*	Zone AE <sup>1</sup>	Gwinnett
Georgia	Alcovy River*	Zone AE <sup>1</sup>	Gwinnett
Georgia	Hopkins Creek*	Zone A/Zone AE <sup>1</sup>	Gwinnett
Georgia	Apalachee River*	Zone AE <sup>1</sup>	Barrow
Georgia	Rock Creek*	Zone A	Barrow
Georgia	Little Mulberry River*	Zone A	Barrow
Georgia	Harvey Branch*	Zone A	Barrow
Georgia	Mulberry River**	Zone A	Barrow & Jackson
Georgia	Lott Creek*	Zone A	Jackson
Georgia	Walnut Creek*	Zone A/Zone AE <sup>1</sup>	Jackson
Georgia	Candler Branch*	Zone A	Jackson
Georgia	Big Creek	Zone A	Hall
Georgia	Flowery Branch	Zone A	Hall
Georgia	Mud Creek	Zone A/Zone AE <sup>1</sup>	Hall
Georgia	Balus Creek	Zone A/Zone AE <sup>1</sup>	Hall
Georgia	Flat Creek	Zone A/Zone AE <sup>1</sup>	Hall
Georgia	South Fork	Zone A	Habersham
Georgia	Cornelia Branch	Zone A	Habersham
Georgia	Dicks Creek	Zone A	Stephens
Georgia	North Fork Broad River	Zone A	Stephens
Georgia	Wards Creek	Zone A	Stephens
Georgia	Lake Louise	Zone A	Stephens
Georgia	Walton Creek	Zone A	Stephens

State	Associated River/Stream Name	SFHA Zone	County
Georgia & South Carolina	Tugaloo River	Zone A/Zone AE	Stephens & Oconee
South Carolina	Toxaway Creek	Zone A	Oconee
South Carolina	Hartwell Lake	Zone A	Oconee
South Carolina	Chauga River	Zone A	Oconee
South Carolina	Coneross Creek	Zone AE	Oconee
South Carolina	Richland Creek	Zone AE	Oconee
South Carolina	Perkins Creek	Zone AE <sup>1</sup>	Oconee
South Carolina	Keowee River	Zone AE	Oconee & Pickens
South Carolina	Eighteenmile Creek	Zone AE	Pickens
South Carolina	Georges Creek	Zone AE	Pickens
South Carolina	Little Georges Creek	Zone AE	Pickens
South Carolina	Saluda River	Zone A/Zone AE	Pickens & Greenville
South Carolina	Reedy River	Zone A/Zone AE <sup>1</sup>	Greenville
South Carolina	Brushy Creek	Zone A	Greenville
South Carolina	Enoree River	Zone AE <sup>1</sup>	Greenville
South Carolina	Mpale Creek	Zone AE <sup>1</sup>	Greenville
South Carolina	South Tyger River	Zone AE <sup>1</sup>	Spartanburg
South Carolina	Middle Tyger River	Zone AE	Spartanburg
South Carolina	North Tyger River	Zone AE <sup>1</sup>	Spartanburg
South Carolina	Grays Creek	Zone AE <sup>1</sup>	Spartanburg
South Carolina	Fair Forest Creek	Zone AE <sup>1</sup>	Spartanburg
South Carolina	Cinquapin Creek	Zone AE <sup>1</sup>	Spartanburg
South Carolina	Lawsons Fork Creek	Zone AE <sup>1</sup>	Spartanburg
South Carolina	Pacolet River	Zone AE	Spartanburg
South Carolina	Little Thicketty Creek	Zone A	Cherokee
South Carolina	Thicketty Creek	Zone A	Cherokee
South Carolina	Irene Creek	Zone A	Cherokee
South Carolina	Cherokee Creek	Zone A	Cherokee
South Carolina	Broad River	Zone A	Cherokee
South Carolina	Canoe Creek	Zone A	Cherokee
North Carolina	Duharts Creek	Zone AE	Gaston
North Carolina	South Fork Catawba River	Zone AE <sup>1</sup>	Gaston
North Carolina	Catawba River	Zone AE <sup>1</sup>	Gaston & Mecklenburg
North Carolina	Paw Creek	Zone AE <sup>1</sup>	Mecklenburg
North Carolina	Lake Wylie	Zone AE	Mecklenburg
North Carolina	Taggart Creek	Zone AE <sup>1</sup>	Mecklenburg
North Carolina	Irwin Creek	Zone AE <sup>1</sup>	Mecklenburg

*Source: FEMA NFHL GIS database; USGS NHD; USGS Topographic Maps; US Department of State Geographer Google Earth*

<sup>1</sup> Zone AE SFHA 100-year floodplain with mapped floodway

**Waterways and Waterbodies associated with 100-year Floodplains and Floodways  
within I-85 Study Corridor**

<b>State</b>	<b>Associated River/Stream Name</b>	<b>SFHA</b>	<b>County</b>
Georgia	Flint River***	Zone AE <sup>1</sup>	Fulton
Georgia	Peachtree Creek***	Zone AE <sup>1</sup>	Fulton
Georgia	North Fork Peachtree Creek**	Zone A	Fulton
Georgia	South Fork Peachtree Creek*	Zone AE <sup>1</sup>	DeKalb
Georgia	Burnt Fork Creek*	Zone A/Zone AE	DeKalb
Georgia	Camp Creek*	Zone AE <sup>1</sup>	DeKalb & Gwinnett
Georgia	Jackson Creek*	Zone AE <sup>1</sup>	Gwinnett
Georgia	Sweetwater Creek*	Zone AE <sup>1</sup>	Gwinnett
Georgia	Yellow River*	Zone AE <sup>1</sup>	Gwinnett
Georgia	Pew Creek*	Zone AE <sup>1</sup>	Gwinnett
Georgia	Redland Creek*	Zone AE <sup>1</sup>	Gwinnett
Georgia	Cedar Creek*	Zone AE <sup>1</sup>	Gwinnett
Georgia	Alcovy River*	Zone AE <sup>1</sup>	Gwinnett
Georgia	Hopkins Creek*	Zone A/Zone AE <sup>1</sup>	Gwinnett
Georgia	Bromolow Creek**	Zone AE <sup>1</sup>	Gwinnett
Georgia	Chattahoochee River**	Zone AE <sup>1</sup>	Gwinnett
Georgia	Suwanee Creek**	Zone AE <sup>1</sup>	Gwinnett
Georgia	Ivy Creek**	Zone AE <sup>1</sup>	Gwinnett
Georgia	Little Ivy Creek**	Zone AE <sup>1</sup>	Gwinnett
Georgia	Duncan Creek**	Zone A/Zone AE <sup>1</sup>	Gwinnett
Georgia	Apalachee River*	Zone AE <sup>1</sup>	Barrow
Georgia	Rock Creek*	Zone A	Barrow
Georgia	Little Mulberry River*	Zone A	Barrow
Georgia	Harvey Branch*	Zone A	Barrow
Georgia	Wheeler Creek	Zone A/Zone AE <sup>1</sup>	Barrow
Georgia	Mulberry River**	Zone A	Barrow & Jackson
Georgia	Walnut Creek	Zone A	Jackson
Georgia	Middle Oconee River	Zone A/Zone AE	Jackson
Georgia	Opossum Creek	Zone A	Jackson
Georgia	North Oconee River	Zone A	Jackson
Georgia	Gravelly Creek	Zone A	Jackson
Georgia	Crooked Creek	Zone A	Banks
Georgia	Grove Creek	Zone A	Banks
Georgia	Hudson River	Zone A	Banks
Georgia	Stephens Creek	Zone A	Franklin
Georgia	North Fork Broad River	Zone A	Franklin
Georgia & South Carolina	Tugaloo River	Zone A/Zone AE	Hart & Oconee

State	Associated River/Stream Name	SFHA	County
South Carolina	Beaverdam Creek	Zone A/Zone AE	Anderson
South Carolina	Little Beaverdam Creek	Zone AE	Anderson
South Carolina	Seneca River	Zone A	Anderson
South Carolina	Three and Twenty Creek	Zone AE	Anderson
South Carolina	Steel Creek	Zone A	Anderson
South Carolina	Lake Hartwell	Zone A/Zone AE	Anderson
South Carolina	Six and Twenty Creek	Zone AE	Anderson
South Carolina	Jones Creek	Zone AE	Anderson
South Carolina	Hurricane Creek	Zone AE	Anderson
South Carolina	Big Brushy Creek	Zone AE	Anderson
South Carolina	Saluda River	Zone AE <sup>1</sup>	Anderson & Greenville
South Carolina	Brushy Creek	Zone A/Zone AE <sup>1</sup>	Anderson & Greenville
South Carolina	Reedy River	Zone AE <sup>1</sup>	Greenville
South Carolina	Laurel Creek	Zone A/Zone AE <sup>1</sup>	Greenville
South Carolina	Rocky Creek	Zone AE <sup>1</sup>	Greenville
South Carolina	Enoree River	Zone AE <sup>1</sup>	Greenville
South Carolina	Abner Creek	Zone AE	Spartanburg
South Carolina	South Tyger River	Zone AE <sup>1</sup>	Spartanburg
South Carolina	Middle Tyger River	Zone AE <sup>1</sup>	Spartanburg
South Carolina	Jimmies Creek	Zone AE	Spartanburg
South Carolina	North Tyger River	Zone AE <sup>1</sup>	Spartanburg
South Carolina	Grays Creek	Zone AE <sup>1</sup>	Spartanburg
South Carolina	Fair Forest Creek	Zone AE <sup>1</sup>	Spartanburg
South Carolina	Lawsons Fork Creek	Zone AE <sup>1</sup>	Spartanburg
South Carolina	Pacolet River	Zone AE	Spartanburg
South Carolina	Thicketty Creek	Zone A	Cherokee
South Carolina	Cole Creek	Zone A	Cherokee
South Carolina	Irene creek	Zone A	Cherokee
South Carolina	Cherokee Creek	Zone AE <sup>1</sup>	Cherokee
South Carolina	Broad River	Zone A	Cherokee
South Carolina	Buffalo Creek	Zone A/Zone AE <sup>1</sup>	Cherokee
North Carolina	Kings Creek	Zone AE	Cleveland
North Carolina	McGill Creek	Zone AE	Gaston
North Carolina	Abernethy Creek	Zone AE <sup>1</sup>	Gaston
North Carolina	Oates Creek	Zone AE <sup>1</sup>	Gaston
North Carolina	Duharts Creek	Zone AE	Gaston
North Carolina	South Fork Catawba River	Zone AE <sup>1</sup>	Gaston
North Carolina	Catawba River	Zone AE <sup>1</sup>	Gaston & Mecklenburg
North Carolina	Paw Creek	Zone AE <sup>1</sup>	Mecklenburg
North Carolina	Lake Wylie	Zone AE	Mecklenburg

State	Associated River/Stream Name	SFHA	County
North Carolina	Taggart Creek	Zone AE <sup>1</sup>	Mecklenburg
North Carolina	Irwin Creek	Zone AE <sup>1</sup>	Mecklenburg

*Source: FEMA NFHL GIS database; USGS NHD; USGS Topographic Maps; US Department of State Geographer Google Earth*

<sup>1</sup> Zone AE SFHA 100-year floodplain with mapped floodway

**Waterways and Waterbodies associated with 100-year Floodplains and Floodways  
within Greenfield Study Corridor**

<b>State</b>	<b>Associated River/Stream Name</b>	<b>SFHA</b>	<b>County</b>
Georgia	Flint River***	Zone AE <sup>1</sup>	Fulton
Georgia	Peachtree Creek***	Zone AE <sup>1</sup>	Fulton
Georgia	North Fork Peachtree Creek**	Zone A	Fulton
Georgia	Bromolow Creek**	Zone AE <sup>1</sup>	Gwinnett
Georgia	Chattahoochee River**	Zone AE <sup>1</sup>	Gwinnett
Georgia	Suwanee Creek**	Zone AE <sup>1</sup>	Gwinnett
Georgia	South Fork Peachtree Creek*	Zone AE <sup>1</sup>	DeKalb
Georgia	Burnt Fork Creek*	Zone A/Zone AE	DeKalb
Georgia	Camp Creek*	Zone AE <sup>1</sup>	DeKalb & Gwinnett
Georgia	Jackson Creek*	Zone AE <sup>1</sup>	Gwinnett
Georgia	Sweetwater Creek*	Zone AE <sup>1</sup>	Gwinnett
Georgia	Yellow River*	Zone AE <sup>1</sup>	Gwinnett
Georgia	Pew Creek*	Zone AE <sup>1</sup>	Gwinnett
Georgia	Redland Creek*	Zone AE <sup>1</sup>	Gwinnett
Georgia	Cedar Creek*	Zone AE <sup>1</sup>	Gwinnett
Georgia	Alcovy River*	Zone AE <sup>1</sup>	Gwinnett
Georgia	Hopkins Creek*	Zone A/Zone AE <sup>1</sup>	Gwinnett
Georgia	Little Ivy Creek**	Zone AE <sup>1</sup>	Gwinnett
Georgia	Duncan Creek**	Zone A/Zone AE <sup>1</sup>	Gwinnett
Georgia	Apalachee River*	Zone AE <sup>1</sup>	Barrow
Georgia	Wheeler Creek**	Zone A/Zone AE <sup>1</sup>	Barrow
Georgia	Mulberry River***	Zone A/Zone AE	Barrow & Jackson
Georgia	Indian Creek***	Zone A	Jackson
Georgia	Rocky Creek**	Zone A	Jackson
Georgia	Middle Oconee River	Zone A	Jackson
Georgia	Redstone Creek	Zone A	Jackson
Georgia	North Oconee River	Zone AE <sup>1</sup>	Clarke
Georgia	Sandy Creek	Zone AE <sup>1</sup>	Clarke
Georgia	Noketchee Creek	Zone AE <sup>1</sup>	Clarke
Georgia	West Fork	Zone AE <sup>1</sup>	Clarke
Georgia	Biger Creek	Zone A	Madison
Georgia	Brush Creek	Zone A	Madison
Georgia	Double Branch	Zone A	Madison
Georgia	South Fork Broad River	Zone A	Madison
Georgia	Scull Shoal Creek	Zone A	Madison
Georgia	Cedar Grove Branch	Zone A	Madison
Georgia	Broad River <sup>1</sup>	Zone A	Madison



State	Associated River/Stream Name	SFHA	County
Georgia	Mill Shoal Creek	Zone A	Madison
Georgia	Beaverdam Creek	Zone A	Hart
Georgia	Little Beaverdam Creek	Zone A	Hart
Georgia	Little Cedar Creek	Zone A	Hart
Georgia & South Carolina	Savannah River	Zone A/Zone AE	Hart & Anderson
South Carolina	Wilson Creek	Zone A/Zone AE	Anderson
South Carolina	Nesbit Creek	Zone AE	Anderson
South Carolina	Beaver Creek	Zone AE <sup>1</sup>	Anderson
South Carolina	Rocky River	Zone AE	Anderson
South Carolina	Cherokee Creek	Zone A	Anderson
South Carolina	Broad Mouth Creek	Zone AE	Anderson
South Carolina	Saluda River	Zone A/Zone AE	Anderson & Greenville
South Carolina	Mountain Creek	Zone A	Greenville
South Carolina	Horse Creek	Zone A	Greenville
South Carolina	Reedy River	Zone A	Greenville
South Carolina	Martin Creek	Zone A	Greenville
South Carolina	South Rabon Creek	Zone AE <sup>1</sup>	Greenville
South Carolina	Stoddard Creek	Zone A	Laurens
South Carolina	South Durbin Creek	Zone A	Laurens
South Carolina	Durbin Creek	Zone A	Laurens
South Carolina	Little Durbin Creek	Zone A	Laurens
South Carolina	Enoree River	Zone A/Zone AE <sup>1</sup>	Greenville, Laurens & Spartanburg
South Carolina	Abner Creek	Zone AE	Spartanburg
South Carolina	Dillard Creek	Zone AE	Spartanburg
South Carolina	South Tyger River	Zone AE <sup>1</sup>	Spartanburg
South Carolina	North Tyger River	Zone AE <sup>1</sup>	Spartanburg
South Carolina	Tim Creek	Zone AE	Spartanburg
South Carolina	Stillhouse Branch	Zone AE	Spartanburg
South Carolina	Wards Creek	Zone AE	Spartanburg
South Carolina	Fair Forest Creek	Zone AE	Spartanburg
South Carolina	Pacolet River	Zone A/Zone AE	Spartanburg & Cherokee
South Carolina	Plum Branch	Zone A	Cherokee
South Carolina	Thicketty Creek	Zone A	Cherokee
South Carolina	Jones Creek	Zone A	Cherokee
South Carolina	Minkum Creek	Zone A	Cherokee
South Carolina	Dry Fork Creek	Zone A	Cherokee
South Carolina	Gilkey Creek	Zone A	Cherokee
South Carolina	Abingdon Creek	Zone A	Cherokee
South Carolina	Broad River	Zone AE	Cherokee & York
South Carolina	Wolf Creek	Zone AE	York

<b>State</b>	<b>Associated River/Stream Name</b>	<b>SFHA</b>	<b>County</b>
South Carolina	Clark Fork	Zone AE	York
South Carolina	Beaverdam Creek	Zone AE	York
North Carolina	Crowders Creek	Zone AE	Gaston
North Carolina	Catawba Creek	Zone AE <sup>1</sup>	Gaston
North Carolina	South Fork Catawba River	Zone AE <sup>1</sup>	Gaston
North Carolina	Catawba River	Zone AE <sup>1</sup>	Gaston & Mecklenburg
North Carolina	Lake Wylie	Zone AE <sup>1</sup>	Mecklenburg
North Carolina	Taggart Creek	Zone AE <sup>1</sup>	Mecklenburg
North Carolina	Irwin Creek	Zone AE <sup>1</sup>	Mecklenburg
<p><i>Source: FEMA NFHL GIS database; USGS NHD; USGS Topographic Maps; US Department of State Geographer Google Earth</i></p> <p><sup>1</sup> Zone AE SFHA 100-year floodplain with mapped floodway</p>			

## APPENDIX D – TECHNICAL DOCUMENTATION

### Land Acquisition

#### Property Acquisitions and Relocations

## Property Acquisition and Relocations

Exhibit 1 presents the property acquisition and relocations estimates for the Crescent Corridor. The estimates for each of the Atlanta approaches are shown separately. The corridor alignment would be within the existing rail ROW. Property acquisition for stations will be evaluated under subsequent Tier 2 NEPA analysis. There are no property acquisitions or relocations anticipated for the Crescent NS Atlanta Approach; however, there are an estimated 242 acres of property acquisition and 59 relocations for the Crescent CSX Atlanta Approach.

**Exhibit 1: Land Acquisition and Relocations – Crescent Corridor**

Corridor	County/State	Acreage	Relocations
Shared	Georgia	0	0
	South Carolina	0	0
	North Carolina	0	0
	Total	0	0
NS Approach	Georgia	0	0
	Total	0	0
CSX Approach	Gwinnett, GA	1.0	0
	Barrow, GA	84.3	27
	Jackson, GA	90.4	16
	Hall, GA	66.0	16
	Total	241.7	59
Crescent with NS Approach	Total	0	0
Crescent with CSX Approach	Total	241.7	59

Exhibit 2 presents the property acquisition and relocations estimates for the I-85 Corridor. The estimates for each of the Atlanta approaches are shown separately. Most of the corridor alignment would be within the existing I-85 and rail ROW. The exception would be the section of the alignment that transitions from the rail corridor to the I-85 corridor near Suwanee, which accounts for 46 of the 178 acres of acquisition. All 32 relocations are associated with this segment. The remaining 132 acres are for additional ROW for double tracking along the approaches into Atlanta and Charlotte.

**Exhibit 2: Land Acquisition and Relocations – I-85 Corridor**

Corridor	County/State	Acreage	Relocations
Shared	Fulton, GA	70.5	0
	South Carolina	0	0
	Mecklenburg, NC	32.4	0

Corridor	County/State	Acreage	Relocations
	Total	102.9	0
NS Approach	DeKalb, GA	29.6	0
	Gwinnett, GA	46.0	32
	Total	75.6	0
CSX Approach	Gwinnett, GA	1.0	0
	Barrow, GA	92.0	29
	Jackson, GA	5.4	0
	Total	98.4	29
Crescent with NS Approach	Total	178.5	32
Crescent with CSX Approach	Total	201.3	29

Exhibit 3 presents the property acquisition and relocations estimates for the Greenfield Corridor. The estimates for each of the Atlanta approaches are shown separately. Using the alignment created for this corridor, a 100-foot ROW corridor was overlaid on top of the GIS parcel data and reviewed using aerial imagery. Since most of the Greenfield Corridor is on new alignment (nearly 200 miles), there is a significant amount of property required for acquisition. Efforts were made during the corridor’s design to avoid residential and business structures but crossing some developed areas was unavoidable. This accounts for the larger amount of relocations for this corridor. Property acquisition for stations will be evaluated under subsequent Tier 2 NEPA analysis and will depend on the size of facility needed to serve the anticipated number of passengers using the station.

**Exhibit 3: Land Acquisition and Relocations – Greenfield Corridor**

Corridor	County/State	Acreage	Relocations
Shared	Fulton, GA	70.5	0
	Jackson, GA	165.6	10
	Clarke, GA	108.8	49
	Madison, GA	232.9	24
	Hart, GA	218.3	27
	Greenville, SC	137.2	14
	Anderson, SC	291.8	25
	Laurens, SC	145.2	10
	Spartanburg, SC	422.0	63
	Cherokee, SC	209.7	14
	York, SC	195.4	22
	Gaston, NC	124.1	16
	Mecklenburg, NC	32.4	0

<b>Corridor</b>	<b>County/State</b>	<b>Acreage</b>	<b>Relocations</b>
	Total	2,353.9	274
NS Approach	DeKalb, GA	29.6	0
	Gwinnett, GA	45.1	32
	Barrows, GA	25.6	8
	Jackson, GA	82.2	19
	Total	182.5	59
CSX Approach	Gwinnett, GA	1.0	0
	Barrow, GA	103.1	18
	Jackson, GA	25.5	5
	Total	129.6	23
Crescent with NS Approach	Total	2,536.4	333
Crescent with CSX Approach	Total	2,483.5	297

## APPENDIX D – TECHNICAL DOCUMENTATION

### Socioeconomic

Community Facilities Corridor Inventory

Community Facilities Station Inventory

## Community Facilities

Community facilities along the study corridor were identified from GIS data. The study corridor for the purposes of this analysis consists of 300 feet on either side of the centerline of each of the corridors and a one-half mile radius from each of the proposed stations. Exhibit 1 provides a listing of the type and number of community facilities by county for each corridor. Exhibit 2 provides a listing of the type and number of community facilities by county for each station.

## Corridor Inventory

**Exhibit 1: Community Facilities within 300 Feet of Corridors**

County	State	Facility	Count	Corridor
Fulton	GA	Church	10	Crescent
Fulton	GA	College	3	Crescent
Fulton	GA	Daycare	1	Crescent
Fulton	GA	Fire Station	1	Crescent
Fulton	GA	Golf Course	1	Crescent
Fulton	GA	Library	2	Crescent
Fulton	GA	Meeting Hall	1	Crescent
Fulton	GA	Museum	1	Crescent
Fulton	GA	Park	5	Crescent
Fulton	GA	Police Station	1	Crescent
Fulton	GA	Post Office	1	Crescent
Fulton	GA	School	5	Crescent
Fulton	GA	Theatre	2	Crescent
Hall	GA	Cemetery	1	Crescent
Hall	GA	Church	9	Crescent
Hall	GA	Fire Station	1	Crescent
Hall	GA	Hospital	1	Crescent
Hall	GA	Library	1	Crescent
Hall	GA	Park	1	Crescent
Hall	GA	Recreation Facility	1	Crescent
Hall	GA	School	1	Crescent
Banks	GA	Cemetery	1	Crescent
Habersham	GA	Cemetery	1	Crescent
Habersham	GA	Church	2	Crescent
Habersham	GA	Fire Station	1	Crescent
Habersham	GA	Park	1	Crescent
Habersham	GA	Recreation Facility	1	Crescent
Habersham	GA	School	1	Crescent



County	State	Facility	Count	Corridor
Stephens	GA	Cemetery	1	Crescent
Stephens	GA	Church	3	Crescent
Stephens	GA	Recreation Facility	1	Crescent
Oconee	SC	Cemetery	2	Crescent
Oconee	SC	Church	6	Crescent
Oconee	SC	Fire Station	1	Crescent
Oconee	SC	Library	1	Crescent
Oconee	SC	Park	2	Crescent
Oconee	SC	Post Office	1	Crescent
Oconee	SC	Recreation Facility	1	Crescent
Pickens	SC	Amphitheatre	1	Crescent
Pickens	SC	Cemetery	3	Crescent
Pickens	SC	Church	16	Crescent
Pickens	SC	City Hall	1	Crescent
Pickens	SC	Library	2	Crescent
Pickens	SC	Medical	2	Crescent
Pickens	SC	Police Station	1	Crescent
Pickens	SC	Post Office	1	Crescent
Pickens	SC	Recreation Facility	6	Crescent
Pickens	SC	School	1	Crescent
Greenville	SC	Cemetery	2	Crescent
Greenville	SC	Church	11	Crescent
Greenville	SC	Daycare	1	Crescent
Greenville	SC	Medical	1	Crescent
Greenville	SC	Park	3	Crescent
Greenville	SC	Post Office	1	Crescent
Greenville	SC	School	4	Crescent
Spartanburg	SC	Cemetery	3	Crescent
Spartanburg	SC	Church	22	Crescent
Spartanburg	SC	Fire Station	2	Crescent
Spartanburg	SC	Medical	1	Crescent
Spartanburg	SC	Park	3	Crescent
Spartanburg	SC	Recreation Facility	1	Crescent
Spartanburg	SC	School	3	Crescent
Cherokee	SC	Cemetery	5	Crescent
Cherokee	SC	Church	7	Crescent
Cherokee	SC	Fire Station	1	Crescent
Cherokee	SC	Park	1	Crescent

County	State	Facility	Count	Corridor
Cleveland	NC	Church	4	Crescent
Cleveland	NC	EMS	1	Crescent
Cleveland	NC	Fire Station	1	Crescent
Cleveland	NC	Police Station	1	Crescent
Cleveland	NC	Recreation Facility	2	Crescent
Cleveland	NC	Theatre	1	Crescent
Gaston	NC	Cemetery	1	Crescent
Gaston	NC	Church	14	Crescent
Gaston	NC	Church	6	Crescent
Gaston	NC	Daycare	3	Crescent
Gaston	NC	EMS	1	Crescent
Gaston	NC	EMS and Fire	1	Crescent
Gaston	NC	EMS and Fire	1	Crescent
Gaston	NC	Fire Station	1	Crescent
Gaston	NC	Hospital	1	Crescent
Gaston	NC	Library	1	Crescent
Gaston	NC	Medical	1	Crescent
Gaston	NC	Medical	4	Crescent
Gaston	NC	Park	2	Crescent
Gaston	NC	Park	2	Crescent
Gaston	NC	Police Station	4	Crescent
Gaston	NC	Police Station	1	Crescent
Gaston	NC	Post Office	1	Crescent
Gaston	NC	Recreation Facility	1	Crescent
Gaston	NC	School	6	Crescent
Mecklenburg	NC	Church	1	Crescent
Mecklenburg	NC	Golf Course	1	Crescent
Mecklenburg	NC	Medical	1	Crescent
Mecklenburg	NC	Park	1	Crescent
Fulton	GA	Church	1	Crescent - NS Approach
Fulton	GA	College	1	Crescent - NS Approach
Fulton	GA	Meeting Hall	1	Crescent - NS Approach
Fulton	GA	School	2	Crescent - NS Approach
DeKalb	GA	Cemetery	2	Crescent - NS Approach
DeKalb	GA	Church	1	Crescent - NS Approach
DeKalb	GA	College	2	Crescent - NS Approach
DeKalb	GA	Golf Course	1	Crescent - NS Approach

County	State	Facility	Count	Corridor
DeKalb	GA	Library	1	Crescent - NS Approach
DeKalb	GA	Park	3	Crescent - NS Approach
DeKalb	GA	Police Station	1	Crescent - NS Approach
Gwinnett	GA	Cemetery	1	Crescent - NS Approach
Gwinnett	GA	Church	7	Crescent - NS Approach
Gwinnett	GA	Church	4	Crescent - NS Approach
Gwinnett	GA	Daycare	1	Crescent - NS Approach
Gwinnett	GA	Fire Station	1	Crescent - NS Approach
Gwinnett	GA	Medical	1	Crescent - NS Approach
Gwinnett	GA	Museum	1	Crescent - NS Approach
Gwinnett	GA	Park	5	Crescent - NS Approach
Gwinnett	GA	Park	2	Crescent - NS Approach
Gwinnett	GA	Police Station	1	Crescent - NS Approach
Gwinnett	GA	School	3	Crescent - NS Approach
Gwinnett	GA	School	1	Crescent - NS Approach
Gwinnett	GA	Theatre	1	Crescent - NS Approach
Gwinnett	GA	Town Hall	1	Crescent - NS Approach
Hall	GA	Cemetery	1	Crescent - NS Approach
Hall	GA	Church	2	Crescent - NS Approach
Hall	GA	College	1	Crescent - NS Approach
Hall	GA	Daycare	1	Crescent - NS Approach
Hall	GA	Medical	2	Crescent - NS Approach
Hall	GA	Park	2	Crescent - NS Approach
Hall	GA	Police Station	1	Crescent - NS Approach
Hall	GA	Post Office	1	Crescent - NS Approach
Hall	GA	Recreation Facility	1	Crescent - NS Approach
Fulton	GA	Church	2	Crescent - CSX Approach
Fulton	GA	College	1	Crescent - CSX Approach
Fulton	GA	Hospital	1	Crescent - CSX Approach
Fulton	GA	Museum	1	Crescent - CSX Approach
Fulton	GA	Park	1	Crescent - CSX Approach
Fulton	GA	Theatre	1	Crescent - CSX Approach
DeKalb	GA	Church	5	Crescent - CSX Approach
DeKalb	GA	College	1	Crescent - CSX Approach
DeKalb	GA	Daycare	1	Crescent - CSX Approach
DeKalb	GA	Hospital	2	Crescent - CSX Approach
DeKalb	GA	Library	1	Crescent - CSX Approach

County	State	Facility	Count	Corridor
DeKalb	GA	Park	4	Crescent - CSX Approach
DeKalb	GA	Post Office	2	Crescent - CSX Approach
DeKalb	GA	Recreation Facility	3	Crescent - CSX Approach
DeKalb	GA	School	2	Crescent - CSX Approach
Gwinnett	GA	Cemetery	1	Crescent - CSX Approach
Gwinnett	GA	Church	5	Crescent - CSX Approach
Gwinnett	GA	Medical	1	Crescent - CSX Approach
Gwinnett	GA	Park	3	Crescent - CSX Approach
Gwinnett	GA	Police Station	1	Crescent - CSX Approach
Gwinnett	GA	Recreation Facility	5	Crescent - CSX Approach
Gwinnett	GA	School	1	Crescent - CSX Approach
Barrow	GA	Cemetery	1	Crescent - CSX Approach
Barrow	GA	Church	1	Crescent - CSX Approach
Barrow	GA	Church	1	Crescent - CSX Approach
Barrow	GA	School	1	Crescent - CSX Approach
Jackson	GA	Cemetery	1	Crescent - CSX Approach
Jackson	GA	Cemetery	1	Crescent - CSX Approach
Jackson	GA	Church	1	Crescent - CSX Approach
Jackson	GA	Post Office	1	Crescent - CSX Approach
Hall	GA	Church	1	Crescent - CSX Approach
Fulton	GA	Church	10	I-85
Fulton	GA	College	3	I-85
Fulton	GA	Daycare	1	I-85
Fulton	GA	Fire Station	1	I-85
Fulton	GA	Golf Course	1	I-85
Fulton	GA	Library	2	I-85
Fulton	GA	Meeting Hall	1	I-85
Fulton	GA	Museum	1	I-85
Fulton	GA	Park	5	I-85
Fulton	GA	Police Station	1	I-85
Fulton	GA	Post Office	1	I-85
Fulton	GA	School	5	I-85
Fulton	GA	Theatre	2	I-85
Jackson	GA	Cemetery	2	I-85
Jackson	GA	Church	1	I-85
Jackson	GA	Park	1	I-85
Jackson	GA	Post Office	1	I-85

County	State	Facility	Count	Corridor
Franklin	GA	Cemetery	1	I-85
Franklin	GA	Hospital	1	I-85
Oconee	SC	Park	1	I-85
Anderson	SC	Cemetery	2	I-85
Anderson	SC	Church	2	I-85
Anderson	SC	Golf Course	1	I-85
Greenville	SC	Cemetery	1	I-85
Greenville	SC	Church	1	I-85
Greenville	SC	College	1	I-85
Greenville	SC	Daycare	2	I-85
Greenville	SC	Golf Course	1	I-85
Greenville	SC	Medical	1	I-85
Greenville	SC	School	3	I-85
Spartanburg	SC	Cemetery	1	I-85
Spartanburg	SC	Church	7	I-85
Spartanburg	SC	College	1	I-85
Spartanburg	SC	Fire Station	1	I-85
Spartanburg	SC	Recreation Facility	1	I-85
Cherokee	SC	Cemetery	2	I-85
Cherokee	SC	Church	3	I-85
Cleveland	NC	Cemetery	1	I-85
Cleveland	NC	Church	2	I-85
Gaston	NC	Cemetery	1	I-85
Gaston	NC	Church	14	I-85
Gaston	NC	Church	1	I-85
Gaston	NC	Daycare	3	I-85
Gaston	NC	EMS	1	I-85
Gaston	NC	EMS and Fire	1	I-85
Gaston	NC	Fire Station	1	I-85
Gaston	NC	Hospital	1	I-85
Gaston	NC	Library	1	I-85
Gaston	NC	Medical	1	I-85
Gaston	NC	Park	2	I-85
Gaston	NC	Police Station	4	I-85
Gaston	NC	Post Office	1	I-85
Gaston	NC	Recreation Facility	1	I-85
Gaston	NC	School	6	I-85
Mecklenburg	NC	Church	1	I-85

County	State	Facility	Count	Corridor
Mecklenburg	NC	Golf Course	1	I-85
Mecklenburg	NC	Medical	1	I-85
Mecklenburg	NC	Park	1	I-85
Fulton	GA	Church	1	I-85 – NS Approach
Fulton	GA	College	1	I-85 – NS Approach
Fulton	GA	Meeting Hall	1	I-85 – NS Approach
Fulton	GA	School	2	I-85 – NS Approach
DeKalb	GA	Cemetery	2	I-85 – NS Approach
DeKalb	GA	Church	1	I-85 – NS Approach
DeKalb	GA	College	2	I-85 – NS Approach
DeKalb	GA	Golf Course	1	I-85 – NS Approach
DeKalb	GA	Library	1	I-85 – NS Approach
DeKalb	GA	Park	3	I-85 – NS Approach
DeKalb	GA	Police Station	1	I-85 – NS Approach
Gwinnett	GA	Cemetery	1	I-85 – NS Approach
Gwinnett	GA	Church	7	I-85 – NS Approach
Gwinnett	GA	Church	1	I-85 – NS Approach
Gwinnett	GA	Daycare	1	I-85 – NS Approach
Gwinnett	GA	Fire Station	1	I-85 – NS Approach
Gwinnett	GA	Golf Course	1	I-85 – NS Approach
Gwinnett	GA	Medical	1	I-85 – NS Approach
Gwinnett	GA	Museum	1	I-85 – NS Approach
Gwinnett	GA	Park	5	I-85 – NS Approach
Gwinnett	GA	Park	1	I-85 – NS Approach
Gwinnett	GA	Police Station	1	I-85 – NS Approach
Gwinnett	GA	School	3	I-85 – NS Approach
Gwinnett	GA	Theatre	1	I-85 – NS Approach
Gwinnett	GA	Town Hall	1	I-85 – NS Approach
Barrow	GA	Golf Course	1	I-85 – NS Approach
Fulton	GA	Church	2	I-85 – CSX Approach
Fulton	GA	College	1	I-85 – CSX Approach
Fulton	GA	Hospital	1	I-85 – CSX Approach
Fulton	GA	Museum	1	I-85 – CSX Approach
Fulton	GA	Park	1	I-85 – CSX Approach
Fulton	GA	Theatre	1	I-85 – CSX Approach
DeKalb	GA	Church	5	I-85 – CSX Approach

County	State	Facility	Count	Corridor
DeKalb	GA	College	1	I-85 – CSX Approach
DeKalb	GA	Daycare	1	I-85 – CSX Approach
DeKalb	GA	Hospital	2	I-85 – CSX Approach
DeKalb	GA	Library	1	I-85 – CSX Approach
DeKalb	GA	Park	4	I-85 – CSX Approach
DeKalb	GA	Post Office	2	I-85 – CSX Approach
DeKalb	GA	Recreation Facility	3	I-85 – CSX Approach
DeKalb	GA	School	2	I-85 – CSX Approach
Gwinnett	GA	Cemetery	1	I-85 – CSX Approach
Gwinnett	GA	Church	5	I-85 – CSX Approach
Gwinnett	GA	Medical	1	I-85 – CSX Approach
Gwinnett	GA	Park	3	I-85 – CSX Approach
Gwinnett	GA	Police Station	1	I-85 – CSX Approach
Gwinnett	GA	Recreation Facility	5	I-85 – CSX Approach
Gwinnett	GA	School	1	I-85 – CSX Approach
Barrow	GA	Cemetery	1	I-85 – CSX Approach
Barrow	GA	Church	1	I-85 – CSX Approach
Barrow	GA	Church	1	I-85 – CSX Approach
Barrow	GA	School	1	I-85 – CSX Approach
Fulton	GA	Church	10	Greenfield
Fulton	GA	College	3	Greenfield
Fulton	GA	Daycare	1	Greenfield
Fulton	GA	Fire Station	1	Greenfield
Fulton	GA	Golf Course	1	Greenfield
Fulton	GA	Library	2	Greenfield
Fulton	GA	Meeting Hall	1	Greenfield
Fulton	GA	Museum	1	Greenfield
Fulton	GA	Park	5	Greenfield
Fulton	GA	Police Station	1	Greenfield
Fulton	GA	Post Office	1	Greenfield
Fulton	GA	School	5	Greenfield
Fulton	GA	Theatre	2	Greenfield
Jackson	GA	Recreation Facility	1	Greenfield
Clarke	GA	Church	1	Greenfield
Madison	GA	Church	1	Greenfield
Anderson	SC	School	1	Greenfield
Laurens	SC	Fire Station	1	Greenfield

County	State	Facility	Count	Corridor
Spartanburg	SC	Church	3	Greenfield
Spartanburg	SC	Daycare	1	Greenfield
York	SC	Cemetery	1	Greenfield
York	SC	Church	1	Greenfield
Gaston	NC	EMS and Fire	1	Greenfield
Gaston	NC	Recreation Facility	1	Greenfield
Mecklenburg	NC	Church	1	Greenfield
Mecklenburg	NC	Golf Course	1	Greenfield
Mecklenburg	NC	Medical	1	Greenfield
Mecklenburg	NC	Park	1	Greenfield
Fulton	GA	Church	1	Greenfield – NS Approach
Fulton	GA	College	1	Greenfield – NS Approach
Fulton	GA	Meeting Hall	1	Greenfield – NS Approach
Fulton	GA	School	2	Greenfield – NS Approach
DeKalb	GA	Cemetery	2	Greenfield – NS Approach
DeKalb	GA	Church	1	Greenfield – NS Approach
DeKalb	GA	College	2	Greenfield – NS Approach
DeKalb	GA	Golf Course	1	Greenfield – NS Approach
DeKalb	GA	Library	1	Greenfield – NS Approach
DeKalb	GA	Park	3	Greenfield – NS Approach
DeKalb	GA	Police Station	1	Greenfield – NS Approach
Gwinnett	GA	Cemetery	1	Greenfield – NS Approach
Gwinnett	GA	Church	7	Greenfield – NS Approach
Gwinnett	GA	Church	1	Greenfield – NS Approach
Gwinnett	GA	Daycare	1	Greenfield – NS Approach
Gwinnett	GA	Fire Station	1	Greenfield – NS Approach
Gwinnett	GA	Golf Course	1	Greenfield – NS Approach
Gwinnett	GA	Medical	1	Greenfield – NS Approach
Gwinnett	GA	Museum	1	Greenfield – NS Approach
Gwinnett	GA	Park	5	Greenfield – NS Approach
Gwinnett	GA	Park	1	Greenfield – NS Approach
Gwinnett	GA	Police Station	1	Greenfield – NS Approach
Gwinnett	GA	School	3	Greenfield – NS Approach
Gwinnett	GA	Theatre	1	Greenfield – NS Approach
Gwinnett	GA	Town Hall	1	Greenfield – NS Approach
Jackson	GA	Cemetery	1	Greenfield – NS Approach
Jackson	GA	Recreation Facility	1	Greenfield – NS Approach



County	State	Facility	Count	Corridor
Fulton	GA	Church	2	Greenfield – CSX Approach
Fulton	GA	College	1	Greenfield – CSX Approach
Fulton	GA	Hospital	1	Greenfield – CSX Approach
Fulton	GA	Museum	1	Greenfield – CSX Approach
Fulton	GA	Park	1	Greenfield – CSX Approach
Fulton	GA	Theatre	1	Greenfield – CSX Approach
DeKalb	GA	Church	5	Greenfield – CSX Approach
DeKalb	GA	College	1	Greenfield – CSX Approach
DeKalb	GA	Daycare	1	Greenfield – CSX Approach
DeKalb	GA	Hospital	2	Greenfield – CSX Approach
DeKalb	GA	Library	1	Greenfield – CSX Approach
DeKalb	GA	Park	4	Greenfield – CSX Approach
DeKalb	GA	Post Office	2	Greenfield – CSX Approach
DeKalb	GA	Recreation Facility	3	Greenfield – CSX Approach
DeKalb	GA	School	2	Greenfield – CSX Approach
Gwinnett	GA	Cemetery	1	Greenfield – CSX Approach
Gwinnett	GA	Church	5	Greenfield – CSX Approach
Gwinnett	GA	Medical	1	Greenfield – CSX Approach
Gwinnett	GA	Park	3	Greenfield – CSX Approach
Gwinnett	GA	Police Station	1	Greenfield – CSX Approach
Gwinnett	GA	Recreation Facility	5	Greenfield – CSX Approach
Gwinnett	GA	School	1	Greenfield – CSX Approach
Barrow	GA	Cemetery	1	Greenfield – CSX Approach
Barrow	GA	Church	1	Greenfield – CSX Approach
Barrow	GA	School	1	Greenfield – CSX Approach

## Station Inventory

### Exhibit 2: Community Facilities in Vicinity of Stations

Station	Facility	Count	Corridor
MMPT	Arena	1	All
MMPT	Fire Station	1	All
MMPT	Library	2	All
MMPT	Meeting Hall	1	All
MMPT	Park	2	All

Charlotte Gateway Station	Cemetery	1	All
Charlotte Gateway Station	Church	1	All
Charlotte Gateway Station	College	1	All
Gainesville Amtrak Station	Church	2	Crescent
Toccoa Amtrak Station	Church	4	Crescent
Toccoa Amtrak Station	Library	1	Crescent
Toccoa Amtrak Station	Police Station	1	Crescent
Toccoa Amtrak Station	Post Office	1	Crescent
Toccoa Amtrak Station	Recreation Facility	1	Crescent
Toccoa Amtrak Station	School	2	Crescent
Toccoa Amtrak Station	Theatre	1	Crescent
Clemson Amtrak Station	Church	1	Crescent
Clemson Amtrak Station	Police Station	1	Crescent
Greenville Amtrak Station	Church	5	Crescent
Greenville Amtrak Station	Park	1	Crescent
Spartanburg Amtrak Station	Auditorium	1	Crescent
Spartanburg Amtrak Station	Cemetery	2	Crescent
Spartanburg Amtrak Station	Church	4	Crescent
Spartanburg Amtrak Station	College	1	Crescent
Spartanburg Amtrak Station	Courthouse	1	Crescent
Spartanburg Amtrak Station	Hospital	1	Crescent
Spartanburg Amtrak Station	Library	2	Crescent
Spartanburg Amtrak Station	School	2	Crescent
Gastonia Amtrak Station	Church	3	Crescent
Gastonia Amtrak Station	EMS and Fire	1	Crescent
Spartanburg I-85	Park	1	I-85
Anderson Greenfield	Cemetery	1	Greenfield
Anderson Greenfield	Church	2	Greenfield
Anderson Greenfield	School	1	Greenfield

Athens Parkway	Church	1	Greenfield
Doravlle Station	Church	2	NS Approach
Doravlle Station	Library	1	NS Approach
Doravlle Station	Medical	1	NS Approach
Doravlle Station	Park	1	NS Approach
Suwanee	Church	1	NS Approach
Suwanee	Library	1	NS Approach
Suwanee	Park	2	NS Approach
Suwanee	Police Station	1	NS Approach
I-285 and Tucker CSX	Medical	1	CSX Approach
I-285 and Tucker CSX	Police Station	1	CSX Approach

## APPENDIX D – TECHNICAL DOCUMENTATION

### Cultural Resources

Resources within NR Districts

Resources of Unknown Eligibility

**Appendix E- Cultural Resources: Crescent - Resources located in National Register Eligible  
Historic District**

<b>Site ID</b>	<b>Site Name</b>	<b>Year(s)</b>	<b>Type</b>	<b>County</b>	<b>State</b>
206774	Commercial	1956	Building	Gwinnett	GA
207042	House	1911	Building	Gwinnett	GA
207038	The Mcelroy House	1840	Building	Gwinnett	GA
207010	Unknown	1949	Building	Gwinnett	GA
207034	Unknown	1950	Building	Gwinnett	GA
207030	House	1890	Building	Gwinnett	GA
207019	Davenport House	1887	Building	Gwinnett	GA
207007	House	1880	Building	Gwinnett	GA
206924	The Lietch House	1917	Building	Gwinnett	GA
207004	Cofer House	1890	Building	Gwinnett	GA
206803	House	1947	Building	Gwinnett	GA
206921	House	1903	Building	Gwinnett	GA
206929	Brown's Glass and Mirror	1930	Building	Gwinnett	GA
206932	ANtique Tradtions	1910	Building	Gwinnett	GA
206917	Unknown	1918	Building	Gwinnett	GA
206936	Dominick's	1910	Building	Gwinnett	GA
206940	Taste of Britian/Good Things	1909	Building	Gwinnett	GA
206944	Publix Employees Cerdit Union	1951	Building	Gwinnett	GA
206782	Northern Star Cafe	1910	Building	Gwinnett	GA
206878	Commercial	1900	Building	Gwinnett	GA
206950	Tax City Rock Point Mortgage	1900	Building	Gwinnett	GA
206952	Barber Shop & Office	1900	Building	Gwinnett	GA
206862	House	1906	Building	Gwinnett	GA
207190	Betty Mauldin Park	1978	Building	Gwinnett	GA
206883	Alligator Blues Cafe	1885	Building	Gwinnett	GA
206856	House	1938	Building	Gwinnett	GA
206858	House	1900	Building	Gwinnett	GA
206860	Dr. Jack Cain House	1940	Building	Gwinnett	GA
206658	House	1900	Building	Gwinnett	GA
206759	Thrasher Park	1872	Landscape Feature	Gwinnett	GA
206768	House	1932	Building	Gwinnett	GA
206761	The Library/Women's club	1921	Building	Gwinnett	GA
206748	Buchanan House	1907	Building	Gwinnett	GA
206736	Unknown	1956	Building	Gwinnett	GA
206660	House	1923	Building	Gwinnett	GA
206742	House	1915	Building	Gwinnett	GA
206729	House	1930	Building	Gwinnett	GA
206976	House	1930	Building	Gwinnett	GA
206724	Unknown	1889	Building	Gwinnett	GA
206715	House	1910	Building	Gwinnett	GA
206845	House	1945	Building	Gwinnett	GA
206653	Dr. OO Simpson House	1895	Building	Gwinnett	GA
206696	Scott-Hornsby House	1908	Building	Gwinnett	GA
206651	House	1900	Building	Gwinnett	GA
206649	House	1910	Building	Gwinnett	GA
206689	Unknown	1949	Building	Gwinnett	GA
206641	Unknown	1949	Building	Gwinnett	GA
206710	House	1952	Building	Gwinnett	GA
206643	Garner House	1910	Building	Gwinnett	GA
207044	House	1955	Building	Gwinnett	GA
207041	Flint Hill	1850	Building	Gwinnett	GA
207032	The Bottoms House	1939	Building	Gwinnett	GA

**Appendix E- Cultural Resources: Crescent - Resources located in National Register Eligible Historic District**

Site ID	Site Name	Year(s)	Type	County	State
207062	Unknown	1904	Building	Gwinnett	GA
207029	House	1880	Building	Gwinnett	GA
207013	House	1880	Building	Gwinnett	GA
207008	Sauter Cottage	1880	Building	Gwinnett	GA
207005	Wall House	1906	Building	Gwinnett	GA
206923	House	1917	Building	Gwinnett	GA
206994	The Carlyle House	1873	Building	Gwinnett	GA
207372	House	1940	Building	Gwinnett	GA
206930	B&W Automotive Sales, Inc.	1910	Building	Gwinnett	GA
206919	Reynolds House	1872	Building	Gwinnett	GA
206934	Dominick's	1910	Building	Gwinnett	GA
206938	A.V.S. Jewelry	1910	Building	Gwinnett	GA
206942	Norcross Masonic Lodge	1909	Building	Gwinnett	GA
237349	Unknown	1980	Building	Gwinnett	GA
206945	Sweet Dreams Bakery, Family Dentistry, English Language Workshop	1950	Building	Gwinnett	GA
206877	Harrington Insurance Agency	1940	Building	Gwinnett	GA
206780	Norcross Station Cafe	1909	Building	Gwinnett	GA
206863	House	1906	Building	Gwinnett	GA
206951	Norcross Hair Salon	1900	Building	Gwinnett	GA
206880	Precious Pets	1930	Building	Gwinnett	GA
206861	Sylvester Cain House	1875	Building	Gwinnett	GA
206992	The Iron Horse Tavern	1897	Building	Gwinnett	GA
206967	Royal Home Gourmet	1900	Building	Gwinnett	GA
206885	Paizanos & SE/TZ Photo Studio	1885	Building	Gwinnett	GA
206857	Unknown	1937	Building	Gwinnett	GA
206855	House	1887	Building	Gwinnett	GA
206844	House	1890	Building	Gwinnett	GA
206859	House	1909	Building	Gwinnett	GA
206762	Rochester-Kent House	1931	Building	Gwinnett	GA
206659	Unknown	1900	Building	Gwinnett	GA
206364	Dr. Tom McDaniel House	1908	Building	Gwinnett	GA
206754	Unknown	1905	Building	Gwinnett	GA
206740	House	1943	Building	Gwinnett	GA
206745	Gus McDaniel House	1900	Building	Gwinnett	GA
206730	Morton-Horn House	1880	Building	Gwinnett	GA
207017	House	1956	Building	Gwinnett	GA
206727	House	1880	Building	Gwinnett	GA
206799	House	1945	Building	Gwinnett	GA
206713	Summerour House	1926	Building	Gwinnett	GA
206654	House	1900	Building	Gwinnett	GA
206652	House	1910	Building	Gwinnett	GA
206698	Louise Ivy House	1906	Building	Gwinnett	GA
206650	Webster House	1900	Building	Gwinnett	GA
206688	House	1930	Building	Gwinnett	GA
206690	Unknown	1900	Building	Gwinnett	GA
206648	The Nesbit House	1904	Building	Gwinnett	GA
206642	House	1917	Building	Gwinnett	GA
206590	Unknown	1925	Building	Gwinnett	GA
206589	House	1925	Building	Gwinnett	GA
206588	Unknown	1951	Building	Gwinnett	GA

**Appendix E- Cultural Resources: Crescent - Resources located in National Register Eligible Historic District**

Site ID	Site Name	Year(s)	Type	County	State
206582	House	1890	Building	Gwinnett	GA
206581	House	1940	Building	Gwinnett	GA
206580	House	1900	Building	Gwinnett	GA
207014	Unknown	1859	Building	Gwinnett	GA
207036	Lively House	1900	Building	Gwinnett	GA
206760	Unknown	1859	Building	Gwinnett	GA
58272	Toccoa Auction and Singing Time	1894	Building	Stephens	GA
58273	Toccoa Record Building	1904	Building	Stephens	GA
58274	White's Shoe Store/Willie Woodruff, Att.	1894	Building	Stephens	GA
58275	J. Morgan's	1944	Building	Stephens	GA
58276	Toccoa Health & Nutrition/Bank of Toccoa	1922	Building	Stephens	GA
58277	Franklin Financial	1922	Building	Stephens	GA
58278	Tuckasegee Mills, Inc. Outlet	1917	Building	Stephens	GA
58279	Partie Supply	1904	Building	Stephens	GA
58280	Sonshine Bible and Books	1894	Building	Stephens	GA
58281	Gem Jewelry	1894	Building	Stephens	GA
58282	Florsheim Shoes/McCurry's Men Shop	1894	Building	Stephens	GA
58283	Powell's Watch and Jewelry	1894	Building	Stephens	GA
58286	Toccoa Telephone Express; Vacant/State Farm Insurance	1922	Building	Stephens	GA
58287	Stewards Discount Drugs	1894	Building	Stephens	GA
58288	Former Star Theater/Master Cleaners	1904	Building	Stephens	GA
58386	House	1932	Building	Stephens	GA
58387	House	1922	Building	Stephens	GA
58388	House	1922	Building	Stephens	GA
58634	Unknown	1894	Building	Stephens	GA
58659	Royal Cleaners	1942	Building	Stephens	GA
58661	Roland's Beauty and Barber Supplies	1934	Building	Stephens	GA
243	Mitchell & Reeder Mercantile Co.	1902-1903	Building	Oconee	SC
CL1000	Mill House	Unknown	Building	Cleveland	NC
CL1010	Mill House	Unknown	Building	Cleveland	NC
CL1019	Mill House	Unknown	Building	Cleveland	NC
CL1028	Champion-Ware House	Unknown	Building	Cleveland	NC
CL1036	Mill House	Unknown	Building	Cleveland	NC
CL1043	Mill House	Unknown	Building	Cleveland	NC
CL1078	Ware Family House	Unknown	Building	Cleveland	NC
CL1049	McGill-Crook House	Unknown	Building	Cleveland	NC
CL1057	Neal Family House	Unknown	Building	Cleveland	NC
CL1047	(former) Margrace Mill Clubhouse	Unknown	Building	Cleveland	NC
CL1048	Margrace Mill Company Store	Unknown	Building	Cleveland	NC
GS0482	Citizens National Bank	Unknown	Building	Gaston	NC
GS1088	Railroad Express Office	c. 1908	Building	Gaston	NC

**Appendix E: Crescent - Unknown National Register Eligibility**

Site ID	Site Name	Year(s)	Type	County	State
355	House	1926	Building	Banks	Ga.
201801	House	1904	Building	Gwinnett	Ga.
206661	Unknown	1859	Building	Gwinnett	Ga.
206662	House	1932	Building	Gwinnett	Ga.
206663	House	1929	Building	Gwinnett	Ga.
206664	House	1956	Building	Gwinnett	Ga.
206773	House	1956	Building	Gwinnett	Ga.
206775	House	1950	Building	Gwinnett	Ga.
206864	House	1906	Building	Gwinnett	Ga.
207045	House	1936	Building	Gwinnett	Ga.
207046	Turner House	1953	Building	Gwinnett	Ga.
225995	The Strickland House	1898	Building	Gwinnett	Ga.
237356	Pierces Corner	1910	Structure	Gwinnett	Ga.
38372	L. A. Video Movie Rental	1940	Building	Habersham	Ga.
38373	William Shore Summer House	1937	Building	Habersham	Ga.
38375	General Store	1940	Building	Habersham	Ga.
38376	Unknown	1920	Building	Habersham	Ga.
38378	Bell's Motel	1945	Building	Habersham	Ga.
38555	Unknown	1932	Building	Habersham	Ga.
38557	Unknown	1932	Building	Habersham	Ga.
38558	Unknown	1932	Building	Habersham	Ga.
38657	Unknown	1929	Building	Habersham	Ga.
38707	Unknown	1922	Building	Habersham	Ga.
38715	Cissie Kids	1922	Building	Habersham	Ga.
38765	Unknown	1912	Building	Habersham	Ga.
38840	Unknown	1939	Building	Habersham	Ga.
38944	Unknown	1881	Building	Habersham	Ga.
38972	Unknown	1914	Building	Habersham	Ga.
39007	Unknown	1930	Building	Habersham	Ga.
39008	Unknown	1930	Building	Habersham	Ga.
39064	Unknown	1914	Building	Habersham	Ga.
39065	Unknown	1914	Building	Habersham	Ga.
39095	Alto Railroad Depot	1900	Building	Habersham	Ga.
39096	Alto water tower	1900	Site	Habersham	Ga.
39098	Unknown	1894	Building	Habersham	Ga.
39100	House	1890	Building	Habersham	Ga.
39101	House	1900	Building	Habersham	Ga.
39102	House	1900	Building	Habersham	Ga.
39103	Unknown	1910	Building	Habersham	Ga.
39104	Unknown	1910	Building	Habersham	Ga.
39106	Unknown	1915	Building	Habersham	Ga.
39107	Unknown	1915	Building	Habersham	Ga.
39108	Old Morris Place/Eula's Beauty Barn	1910	Building	Habersham	Ga.
39117	Unknown	1920	Building	Habersham	Ga.
39119	Unknown	1920	Building	Habersham	Ga.
39120	Unknown	1915	Building	Habersham	Ga.
39122	Shore Apple Warehouse	1920	Building	Habersham	Ga.
39133	Unknown	1915	Building	Habersham	Ga.
39307	Cornelia Pharmacy & Don Higgins Realty	1905	Building	Habersham	Ga.
39308	Lao Thai Grocery & Video Asian Foods	1905	Building	Habersham	Ga.



**Appendix E: Crescent - Unknown National Register Eligibility**

<b>Site ID</b>	<b>Site Name</b>	<b>Year(s)</b>	<b>Type</b>	<b>County</b>	<b>State</b>
39315	Unknown	1900	Building	Habersham	Ga.
39317	Mega Print	1910	Building	Habersham	Ga.
39318	Unknown	1930	Building	Habersham	Ga.
39320	Unknown	1940	Building	Habersham	Ga.
39321	Unknown	1940	Building	Habersham	Ga.
39322	Unknown	1920	Building	Habersham	Ga.
39323	Unknown	1910	Building	Habersham	Ga.
39324	Unknown	1910	Building	Habersham	Ga.
39325	Unknown	1910	Building	Habersham	Ga.
39326	Unknown	1910	Building	Habersham	Ga.
39327	Unknown	1920	Building	Habersham	Ga.
39328	Unknown	1910	Building	Habersham	Ga.
39331	Commercial	1920	Building	Habersham	Ga.
39332	Unknown	1920	Building	Habersham	Ga.
39333	Unknown	1910	Building	Habersham	Ga.
39334	Unknown	1920	Building	Habersham	Ga.
39335	Unknown	1930	Building	Habersham	Ga.
39338	Unknown	1910	Building	Habersham	Ga.
39339	Unknown	1920	Building	Habersham	Ga.
39340	Unknown	1910	Building	Habersham	Ga.
39341	Unknown	1920	Building	Habersham	Ga.
39342	Unknown	1930	Building	Habersham	Ga.
39343	Unknown	1930	Building	Habersham	Ga.
39347	Butterworth Law Offices	1930	Building	Habersham	Ga.
39349	Post Office; Corporate Offices Dan's Prize, Inc.	1937	Building	Habersham	Ga.
39350	Unknown	1935	Building	Habersham	Ga.
39353	L.R. Irwin Cotton & Fertilizer Warehouse	1930	Building	Habersham	Ga.
39355	Sinclair Gas Station-Meeks Plumbing	1935	Building	Habersham	Ga.
39358	Cornelia passenger & freight depot	1885	Building	Habersham	Ga.
39359	Cornelia Municipal Building	1930	Building	Habersham	Ga.
39365	House	1899	Building	Habersham	Ga.
39394	Unknown	1942	Building	Habersham	Ga.
39419	Unknown	1942	Building	Habersham	Ga.
39425	Unknown	1944	Building	Habersham	Ga.
39449	Unknown	1912	Building	Habersham	Ga.
39454	House	1912	Building	Habersham	Ga.
39455	Unknown	1915	Building	Habersham	Ga.
39493	Unknown	1924	Building	Habersham	Ga.
39501	Unknown	1924	Building	Habersham	Ga.
39509	Unknown	1919	Building	Habersham	Ga.
39512	Unknown	1919	Building	Habersham	Ga.
39513	Unknown	1919	Building	Habersham	Ga.
39525	Unknown	1939	Building	Habersham	Ga.
39529	Unknown	1939	Building	Habersham	Ga.
39530	Unknown	1940	Building	Habersham	Ga.
39547	Unknown	1924	Building	Habersham	Ga.
39549	Unknown	1924	Building	Habersham	Ga.
39550	Unknown	1924	Building	Habersham	Ga.
39552	Unknown	1924	Building	Habersham	Ga.
39553	Unknown	1924	Building	Habersham	Ga.

**Appendix E: Crescent - Unknown National Register Eligibility**

Site ID	Site Name	Year(s)	Type	County	State
39567	Unknown	1935	Building	Habersham	Ga.
39568	Unknown	1934	Building	Habersham	Ga.
39573	Unknown	1934	Building	Habersham	Ga.
39575	Unknown	1934	Building	Habersham	Ga.
39576	Unknown	1934	Building	Habersham	Ga.
39577	Unknown	1934	Building	Habersham	Ga.
39578	Unknown	1934	Building	Habersham	Ga.
39580	Unknown	1934	Building	Habersham	Ga.
39617	Unknown	1929	Building	Habersham	Ga.
39618	Unknown	1929	Building	Habersham	Ga.
39620	Unknown	1929	Building	Habersham	Ga.
39621	Unknown	1929	Building	Habersham	Ga.
39636	Unknown	1929	Building	Habersham	Ga.
39637	Unknown	1929	Building	Habersham	Ga.
39638	Unknown	1929	Building	Habersham	Ga.
39639	Unknown	1929	Building	Habersham	Ga.
39644	Unknown	1929	Building	Habersham	Ga.
39672	Unknown	1934	Building	Habersham	Ga.
39673	Unknown	1934	Building	Habersham	Ga.
39831	Mount Airy School	1920	Building	Habersham	Ga.
39835	House	1885	Building	Habersham	Ga.
39842	King house; King-Knight-Pittman house	1892	Building	Habersham	Ga.
39848	Unknown	1894	Building	Habersham	Ga.
39850	Unknown	1920	Building	Habersham	Ga.
39865	Unknown	1900	Building	Habersham	Ga.
39866	Unknown	1900	Building	Habersham	Ga.
39867	Unknown	1900	Building	Habersham	Ga.
39869	Unknown	1935	Building	Habersham	Ga.
39870	Unknown	1935	Building	Habersham	Ga.
39871	Unknown	1935	Building	Habersham	Ga.
38079	Reed House	1910	Building	Hall	Ga.
38083	House	1920	Building	Hall	Ga.
38086	House	1940	Building	Hall	Ga.
38087	Gulf Service Station	1935	Building	Hall	Ga.
38088	Unknown	Unknown	Object	Hall	Ga.
38089	Flowery Branch Train Depot	1890	Building	Hall	Ga.
38091	Chattahoochee Furniture Co. (now Country Craft Furniture)	1890	Building	Hall	Ga.
38096	Phillips Hotel and Boarding House; W.A. Black House	1895	Building	Hall	Ga.
38100	Unknown	1925	Building	Hall	Ga.
38110	Davie House	1889	Building	Hall	Ga.
38111	Mooney House	1946	Building	Hall	Ga.
38112	Unknown	1900	Building	Hall	Ga.
38113	Mooney Manufacturing Company	1936	Building	Hall	Ga.
38114	The Yacht Club Restaurant	1890	Building	Hall	Ga.
38115	Major McGill's Fish Restaurant	1917	Building	Hall	Ga.
38118	House	1890	Building	Hall	Ga.
38121	House	1950	Building	Hall	Ga.
38131	House	1900	Building	Hall	Ga.
38134	House	1920	Building	Hall	Ga.

**Appendix E: Crescent - Unknown National Register Eligibility**

Site ID	Site Name	Year(s)	Type	County	State
38135	House	1935	Building	Hall	Ga.
38138	House	1920	Building	Hall	Ga.
38142	House	1900	Building	Hall	Ga.
38144	Unknown	1935	Building	Hall	Ga.
38145	House	1940	Building	Hall	Ga.
38146	Unknown	1940	Building	Hall	Ga.
38147	Unknown	1945	Building	Hall	Ga.
38151	Unknown	1945	Building	Hall	Ga.
38180	House	1950	Building	Hall	Ga.
38184	House	1935	Building	Hall	Ga.
38185	Knight House	1890	Building	Hall	Ga.
38188	House	1935	Building	Hall	Ga.
38225	Flowery Branch Post Office (now Police Department)	1954	Building	Hall	Ga.
38229	City Hall	1955	Building	Hall	Ga.
38230	The Bank of Flowery Branch	1897	Building	Hall	Ga.
38231	Sample Pleasures Antiques	1890	Building	Hall	Ga.
38232	Voltage Hair Studio	1890	Building	Hall	Ga.
38233	Common Grounds Coffee Shoppe	1890	Building	Hall	Ga.
38234	Commercial	1910	Building	Hall	Ga.
38235	Healthquest Fitness	1910	Building	Hall	Ga.
38236	Rosewood Deli and Catering	1906	Building	Hall	Ga.
38237	Cotton Warehouse	1890	Building	Hall	Ga.
38238	Commercial	1915	Building	Hall	Ga.
207602	Big Bear Cafe	1940	Building	Hall	Ga.
214453	Unknown (HL-55)	1919	Building	Hall	Ga.
215653	House	1938	Building	Hall	Ga.
215660	House	1938	Building	Hall	Ga.
215662	House	1938	Building	Hall	Ga.
215663	House	1938	Building	Hall	Ga.
215664	House	1940	Building	Hall	Ga.
215669	House	1938	Building	Hall	Ga.
215670	House	1938	Building	Hall	Ga.
215672	House	1938	Building	Hall	Ga.
215673	House	1938	Building	Hall	Ga.
215674	House	1938	Building	Hall	Ga.
215675	House	1938	Building	Hall	Ga.
215683	House	1938	Building	Hall	Ga.
215685	House	1938	Building	Hall	Ga.
215686	House	1938	Building	Hall	Ga.
215687	House	1938	Building	Hall	Ga.
215698	House	1938	Building	Hall	Ga.
215699	House	1938	Building	Hall	Ga.
215700	House	1938	Building	Hall	Ga.
215701	House	1938	Building	Hall	Ga.
215703	House	1938	Building	Hall	Ga.
215704	House	1940	Building	Hall	Ga.
215707	House	1940	Building	Hall	Ga.
215708	House	1940	Building	Hall	Ga.
215709	House	1940	Building	Hall	Ga.
215710	House	1940	Building	Hall	Ga.
215711	House	1938	Building	Hall	Ga.

**Appendix E: Crescent - Unknown National Register Eligibility**

Site ID	Site Name	Year(s)	Type	County	State
215712	House	1938	Building	Hall	Ga.
215713	House	1940	Building	Hall	Ga.
215718	House	1950	Building	Hall	Ga.
215719	House	1950	Building	Hall	Ga.
227398	Industrial/Warehouse	1948	Building	Hall	Ga.
227399	Industrial/Warehouse	1968	Building	Hall	Ga.
227431	House	1955	Building	Hall	Ga.
227432	Industrial/Warehouse	1944	Building	Hall	Ga.
227433	House	1955	Building	Hall	Ga.
227436	House	1938	Building	Hall	Ga.
227441	House	1950	Building	Hall	Ga.
227442	House	1950	Building	Hall	Ga.
227443	House	1950	Building	Hall	Ga.
227448	House	1950	Building	Hall	Ga.
227450	House	1950	Building	Hall	Ga.
227451	House	1940	Building	Hall	Ga.
227452	House	1938	Building	Hall	Ga.
227453	House	1938	Building	Hall	Ga.
227454	House	1940	Building	Hall	Ga.
227455	House	1955	Building	Hall	Ga.
227456	House	1937	Building	Hall	Ga.
227457	House	1960	Building	Hall	Ga.
227458	House	1937	Building	Hall	Ga.
227459	House	1937	Building	Hall	Ga.
227464	Unknown	1960	Building	Hall	Ga.
227465	Industrial/Warehouse	2008	Building	Hall	Ga.
227466	Industrial/Warehouse	1952	Building	Hall	Ga.
227474	House	1940	Building	Hall	Ga.
227512	House	1938	Building	Hall	Ga.
227513	House	1938	Building	Hall	Ga.
227514	House	1938	Building	Hall	Ga.
227515	House	1938	Building	Hall	Ga.
227517	House	1955	Building	Hall	Ga.
227518	House	1940	Building	Hall	Ga.
227519	House	1955	Building	Hall	Ga.
227520	House	1955	Building	Hall	Ga.
227521	House	1938	Building	Hall	Ga.
227628	Industrial/Warehouse	1940	Building	Hall	Ga.
227629	Industrial/Warehouse	1940	Building	Hall	Ga.
227630	Industrial/Warehouse	1940	Building	Hall	Ga.
227631	Industrial/Warehouse	1939	Building	Hall	Ga.
227633	Industrial/Warehouse	1943	Building	Hall	Ga.
227634	Industrial/Warehouse	1960	Building	Hall	Ga.
227665	Industrial/Warehouse	1946	Building	Hall	Ga.
227689	Industrial/Warehouse	1970	Building	Hall	Ga.
227712	Industrial/Warehouse	1927	Building	Hall	Ga.
57971	Unkown	1929	Building	Stephens	Ga.
58061	Unkown	1930	Building	Stephens	Ga.
58330	Coats and Clark Mill	1915	Building	Stephens	Ga.
58376	House	1945	Building	Stephens	Ga.
58383	House	1942	Building	Stephens	Ga.
58422	Unknown	1929	Building	Stephens	Ga.

**Appendix E: Crescent - Unknown National Register Eligibility**

Site ID	Site Name	Year(s)	Type	County	State
58440	Unknown	1899	Building	Stephens	Ga.
58442	Unknown	1904	Building	Stephens	Ga.
58510	Unknown	1919	Building	Stephens	Ga.
58512	House	1929	Building	Stephens	Ga.
58618	Unknown	1899	Building	Stephens	Ga.
58709	Unknown	1929	Building	Stephens	Ga.
58712	Unknown	1899	Building	Stephens	Ga.
58347	House	1944	Building	Stephens	Ga.
58349	House	1934	Building	Stephens	Ga.
58350	Robert McNealy House	1894	Building	Stephens	Ga.
58374	Harrison Busha House	1925	Building	Stephens	Ga.
58377	House	1934	Building	Stephens	Ga.
58385	Unknown	1899	Building	Stephens	Ga.
58395	Brown House	1910	Building	Stephens	Ga.
58396	House	1904	Building	Stephens	Ga.
58397	Collins House	1929	Building	Stephens	Ga.
58399	Smith House	1929	Building	Stephens	Ga.
58400	Lois Ritworth House	1914	Building	Stephens	Ga.
58404	Unknown	1929	Building	Stephens	Ga.
58423	Unknown	1914	Building	Stephens	Ga.
58424	Unknown	1914	Building	Stephens	Ga.
58425	Unknown	1929	Building	Stephens	Ga.
58427	Unknown	1919	Building	Stephens	Ga.
58428	Unknown	1929	Building	Stephens	Ga.
58429	Unknown	1914	Building	Stephens	Ga.
58431	Unknown	1929	Building	Stephens	Ga.
58432	Unknown	1919	Building	Stephens	Ga.
58441	Unknown	1929	Building	Stephens	Ga.
58443	Unknown	1929	Building	Stephens	Ga.
58444	Unknown	1894	Building	Stephens	Ga.
58506	Unknown	1929	Building	Stephens	Ga.
58507	Unknown	1899	Building	Stephens	Ga.
58508	Unknown	1894	Building	Stephens	Ga.
58509	Unknown	1929	Building	Stephens	Ga.
58511	Unknown	1894	Building	Stephens	Ga.
58513	Unknown	1894	Building	Stephens	Ga.
58514	Unknown	1919	Building	Stephens	Ga.
58515	Commercial	1904	Building	Stephens	Ga.
58516	Unknown	1929	Building	Stephens	Ga.
CL0584	Grover Historic District	Unknown	District	Cleveland	N.C.
GS1572	Bessemer City Downtown Historic District	ca. 1880-1950	District	Gaston	N.C.
MK2659	South Cedar-West First Street Industrial Historic District	Unknown	District	Mecklenburg	N.C.
CL0240	Hostetler House	Unknown	Building	Cleveland	N.C.
CL0241	Houses	Unknown	Building	Cleveland	N.C.
CL0242	Glass House	Unknown	Building	Cleveland	N.C.
CL0287	Mill Hill, 308-314 Mulberry Rd (former)	Unknown	Building	Cleveland	N.C.
CL0276	White House	Unknown	Building	Cleveland	N.C.
CL0245	Commercial Buildings, 108-214 Main St	Unknown	Building	Cleveland	N.C.

**Appendix E: Crescent - Unknown National Register Eligibility**

<b>Site ID</b>	<b>Site Name</b>	<b>Year(s)</b>	<b>Type</b>	<b>County</b>	<b>State</b>
CL0247	R.E. Hambright House	Unknown	Building	Cleveland	N.C.
CL0248	Minette Mills Warehouse	Unknown	Building	Cleveland	N.C.
CL0246	Garage, 101 N. Main St	Unknown	Building	Cleveland	N.C.
CL0274	Lee Beam House	Unknown	Building	Cleveland	N.C.
CL0273	S.B. and Liz Crocker House	Unknown	Building	Cleveland	N.C.
CL0275	R.C. Tate House	Unknown	Building	Cleveland	N.C.
CL0271	Thomas Simpson Keeter House	Unknown	Building	Cleveland	N.C.
CL0286	Grover Gin Company Building	Unknown	Building	Cleveland	N.C.
GS----	Bessemer City School	Unknown	Building	Gaston	N.C.
GS0189	House (Gone?)	Unknown	Building	Gaston	N.C.
GS0269	Commercial Building	Unknown	Building	Gaston	N.C.
GS0271	A.M. Smyre Manufacturing Co. Village	Unknown	District	Gaston	N.C.
MK2106	Commercial Buildings	Unknown	Building	Mecklenburg	N.C.
MK1382	Wooley-Bigham-Berryhill House	Unknown	Building	Mecklenburg	N.C.
MK2231	N.C. Highway Comm. Garage & Warehouse	Unknown	Building	Mecklenburg	N.C.
MK2205	Queen City Foundry	Unknown	Building	Mecklenburg	N.C.

**Appendix E- Cultural Resources: I-85 - Resources located in National Register Eligible  
Historic District**

<b>Site ID</b>	<b>Site Name</b>	<b>Year(s)</b>	<b>Type</b>	<b>County</b>	<b>State</b>
206364	Dr. Tom McDaniel House	1908	Building	Gwinnett	GA
206580	House	1900	Building	Gwinnett	GA
206581	House	1940	Building	Gwinnett	GA
206582	House	1890	Building	Gwinnett	GA
206588	Unknown	1951	Building	Gwinnett	GA
206589	House	1925	Building	Gwinnett	GA
206590	Unknown1	1925	Building	Gwinnett	GA
206641	Unknown	1949	Building	Gwinnett	GA
206642	House	1917	Building	Gwinnett	GA
206643	Garner House	1910	Building	Gwinnett	GA
206648	The Nesbit House	1904	Building	Gwinnett	GA
206649	House	1910	Building	Gwinnett	GA
206650	Webster House	1900	Building	Gwinnett	GA
206651	House	1900	Building	Gwinnett	GA
206652	House	1910	Building	Gwinnett	GA
206653	Dr. OO Simpson House	1895	Building	Gwinnett	GA
206654	House	1900	Building	Gwinnett	GA
206658	House	1900	Building	Gwinnett	GA
206659	Unknown	1900	Building	Gwinnett	GA
206660	House	1923	Building	Gwinnett	GA
206688	House	1930	Building	Gwinnett	GA
206689	Unknown	1949	Building	Gwinnett	GA
206690	Unknown	1900	Building	Gwinnett	GA
206696	Scott-Hornsby House	1908	Building	Gwinnett	GA
206698	Louise Ivy House	1906	Building	Gwinnett	GA
206710	House	1952	Building	Gwinnett	GA
206713	Summerour House	1926	Building	Gwinnett	GA
206715	House	1910	Building	Gwinnett	GA
206724	Unknown	1889	Building	Gwinnett	GA
206727	House	1880	Building	Gwinnett	GA
206729	House	1930	Building	Gwinnett	GA
206730	Morton-Horn House	1880	Building	Gwinnett	GA
206736	Unknown	1956	Building	Gwinnett	GA
206740	House	1943	Building	Gwinnett	GA
206742	House	1915	Building	Gwinnett	GA
206745	Gus McDaniel House	1900	Building	Gwinnett	GA
206748	Buchanan House	1907	Building	Gwinnett	GA
206754	Unknown	1905	Building	Gwinnett	GA
			Landscape		
206759	Thrasher Park	1872	Feature	Gwinnett	GA
206760	Unknown	1859	Building	Gwinnett	GA
206761	The Library/Women's club	1921	Building	Gwinnett	GA
206762	Rochester-Kent House	1931	Building	Gwinnett	GA
206768	House	1932	Building	Gwinnett	GA
206774	Commercial	1956	Building	Gwinnett	GA
206780	Norcross Station Cafe	1909	Building	Gwinnett	GA
206782	Northern Star Cafe	1910	Building	Gwinnett	GA
206799	House	1945	Building	Gwinnett	GA
206803	House	1947	Building	Gwinnett	GA
206844	House	1890	Building	Gwinnett	GA
206845	House	1945	Building	Gwinnett	GA
206855	House	1887	Building	Gwinnett	GA

**Appendix E- Cultural Resources: I-85 - Resources located in National Register Eligible  
Historic District**

<b>Site ID</b>	<b>Site Name</b>	<b>Year(s)</b>	<b>Type</b>	<b>County</b>	<b>State</b>
206856	House	1938	Building	Gwinnett	GA
206857	Unknown	1937	Building	Gwinnett	GA
206858	House	1900	Building	Gwinnett	GA
206859	House	1909	Building	Gwinnett	GA
206860	Dr. Jack Cain House	1940	Building	Gwinnett	GA
206861	Sylvester Cain House	1875	Building	Gwinnett	GA
206862	House	1906	Building	Gwinnett	GA
206863	House	1906	Building	Gwinnett	GA
206877	Harrington Insurance Agency	1940	Building	Gwinnett	GA
206878	Commercial	1900	Building	Gwinnett	GA
206880	Precious Pets	1930	Building	Gwinnett	GA
206883	Alligator Blues Cafe	1885	Building	Gwinnett	GA
206885	Paizanos & SE/TZ Photo Studio	1885	Building	Gwinnett	GA
206917	Unknown	1918	Building	Gwinnett	GA
206919	Reynolds House	1872	Building	Gwinnett	GA
206921	House	1903	Building	Gwinnett	GA
206923	House	1917	Building	Gwinnett	GA
206924	The Lietch House	1917	Building	Gwinnett	GA
206929	Brown's Glass and Mirror	1930	Building	Gwinnett	GA
206930	B&W Automotive Sales, Inc.	1910	Building	Gwinnett	GA
206932	ANtique Tradtions	1910	Building	Gwinnett	GA
206934	Dominick's	1910	Building	Gwinnett	GA
206936	Dominick's	1910	Building	Gwinnett	GA
206938	A.V.S. Jewelry	1910	Building	Gwinnett	GA
206940	Taste of Britian/Good Things	1909	Building	Gwinnett	GA
206942	Norcross Masonic Lodge	1909	Building	Gwinnett	GA
206944	Publix Employees Cerdit Union	1951	Building	Gwinnett	GA
206945	Sweet Dreams Bakery, Family Dentistry, English Language Workshop	1950	Building	Gwinnett	GA
206950	Tax City Rock Point Mortgage	1900	Building	Gwinnett	GA
206951	Norcross Hair Salon	1900	Building	Gwinnett	GA
206952	Barber Shop & Office	1900	Building	Gwinnett	GA
206967	Royal Home Gourmet	1900	Building	Gwinnett	GA
206976	House	1930	Building	Gwinnett	GA
206992	The Iron Horse Tavern	1897	Building	Gwinnett	GA
206994	The Carlyle House	1873	Building	Gwinnett	GA
207004	Cofer House	1890	Building	Gwinnett	GA
207005	Wall House	1906	Building	Gwinnett	GA
207007	House	1880	Building	Gwinnett	GA
207008	Sauter Cottage	1880	Building	Gwinnett	GA
207010	Unknown	1949	Building	Gwinnett	GA
207013	House	1880	Building	Gwinnett	GA
207014	House	1859	Building	Gwinnett	GA
207017	House	1956	Building	Gwinnett	GA
207019	Davenport House	1887	Building	Gwinnett	GA
207029	House	1880	Building	Gwinnett	GA
207030	House	1890	Building	Gwinnett	GA
207032	The Bottoms House	1939	Building	Gwinnett	GA
207034	Unknown	1950	Building	Gwinnett	GA
207036	Lively House	1900	Building	Gwinnett	GA
207038	The Mcelroy House	1840	Building	Gwinnett	GA
207041	Flint Hill	1850	Building	Gwinnett	GA



**Appendix E- Cultural Resources: I-85 - Resources located in National Register Eligible  
Historic District**

<b>Site ID</b>	<b>Site Name</b>	<b>Year(s)</b>	<b>Type</b>	<b>County</b>	<b>State</b>
207042	House	1911	Building	Gwinnett	GA
207044	House	1955	Building	Gwinnett	GA
207062	Unknown	1904	Building	Gwinnett	GA
207190	Betty Mauldin Park	1978	Building	Gwinnett	GA
207372	House	1940	Building	Gwinnett	GA
237349	Unknown	1980	Building	Gwinnett	GA

**Appendix E- Cultural Resources: I-85 - Unknown National Register Eligibility**

<b>Site ID</b>	<b>Site Name</b>	<b>Year(s)</b>	<b>Type</b>	<b>County</b>	<b>State</b>
206661	Unknown	1859	Building	Gwinnett	Ga.
206662	House	1932	Building	Gwinnett	Ga.
206663	House	1929	Building	Gwinnett	Ga.
206664	House	1956	Building	Gwinnett	Ga.
206773	House	1956	Building	Gwinnett	Ga.
206775	House	1950	Building	Gwinnett	Ga.
206864	House	1906	Building	Gwinnett	Ga.
207045	House	1936	Building	Gwinnett	Ga.
207046	Turner House	1953	Building	Gwinnett	Ga.
225995	The Strickland House	1898	Building	Gwinnett	Ga.
237356	Pierces Corner	1910	Structure	Gwinnett	Ga.
100756	House	Unknown	Building	Jackson	Ga.
102140	House	1914	Building	Jackson	Ga.
103445	Donnahoo Cemetery	1884	Site	Jackson	Ga.
104653	House	1854	Building	Jackson	Ga.
233813	House	1924	Building	Franklin	Ga.
CL0233	Glenn McDaniel House	Unknown	Building	Cleveland	N.C.
MK1382	Wooley-Bigham-Berryhill House	Unknown	Building	Mecklenburg	N.C.
MK2106	Commercial Buildings	Unknown	Building	Mecklenburg	N.C.
MK2205	Queen City Foundry	Unknown	Building	Mecklenburg	N.C.
MK2231	N.C. Highway Comm. Garage & Warehouse	Unknown	Building	Mecklenburg	N.C.
MK2659	South Cedar-West First Street Industrial Historic District	Unknown	District	Mecklenburg	N.C.

**Appendix E- Cultural Resources: Greenfield - Resources located in National Register Eligible Historic District**

Site ID	Site Name	Year(s)	Type	County	State
206364	Dr. Tom McDaniel House	1908	Building	Gwinnett	Ga.
206580	House	1900	Building	Gwinnett	Ga.
206581	House	1940	Building	Gwinnett	Ga.
206582	House	1890	Building	Gwinnett	Ga.
206588	Unknown	1951	Building	Gwinnett	Ga.
206589	House	1925	Building	Gwinnett	Ga.
206590	Unknown	1925	Building	Gwinnett	Ga.
206641	Unknown	1949	Building	Gwinnett	Ga.
206642	House	1917	Building	Gwinnett	Ga.
206643	Garner House	1910	Building	Gwinnett	Ga.
206648	The Nesbit House	1904	Building	Gwinnett	Ga.
206649	House	1910	Building	Gwinnett	Ga.
206650	Webster House	1900	Building	Gwinnett	Ga.
206651	House	1900	Building	Gwinnett	Ga.
206652	House	1910	Building	Gwinnett	Ga.
206653	Dr. OO Simpson House	1895	Building	Gwinnett	Ga.
206654	House	1900	Building	Gwinnett	Ga.
206658	House	1900	Building	Gwinnett	Ga.
206659	Unknown	1900	Building	Gwinnett	Ga.
206660	House	1923	Building	Gwinnett	Ga.
206688	House	1930	Building	Gwinnett	Ga.
206689	Unknown	1949	Building	Gwinnett	Ga.
206690	Unknown	1900	Building	Gwinnett	Ga.
206696	Scott-Hornsby House	1908	Building	Gwinnett	Ga.
206698	Louise Ivy House	1906	Building	Gwinnett	Ga.
206710	House	1952	Building	Gwinnett	Ga.
206713	Summerour House	1926	Building	Gwinnett	Ga.
206715	House	1910	Building	Gwinnett	Ga.
206724	Unknown	1889	Building	Gwinnett	Ga.
206727	House	1880	Building	Gwinnett	Ga.
206729	House	1930	Building	Gwinnett	Ga.
206730	Morton-Horn House	1880	Building	Gwinnett	Ga.
206736	Unknown	1956	Building	Gwinnett	Ga.
206740	House	1943	Building	Gwinnett	Ga.
206742	House	1915	Building	Gwinnett	Ga.
206745	Gus McDaniel House	1900	Building	Gwinnett	Ga.
206748	Buchanan House	1907	Building	Gwinnett	Ga.
206754	Unknown	1905	Building	Gwinnett	Ga.
			Landscape		
206759	Thrasher Park	1872	Feature	Gwinnett	Ga.
206760	Unknown	1859	Building	Gwinnett	Ga.
206761	The Library/Women's club	1921	Building	Gwinnett	Ga.
206762	Rochester-Kent House	1931	Building	Gwinnett	Ga.
206768	House	1932	Building	Gwinnett	Ga.
206774	Commercial	1956	Building	Gwinnett	Ga.
206780	Norcross Station Cafe	1909	Building	Gwinnett	Ga.
206782	Northern Star Cafe	1910	Building	Gwinnett	Ga.
206799	House	1945	Building	Gwinnett	Ga.
206803	House	1947	Building	Gwinnett	Ga.
206844	House	1890	Building	Gwinnett	Ga.
206845	House	1945	Building	Gwinnett	Ga.
206855	House	1887	Building	Gwinnett	Ga.

**Appendix E- Cultural Resources: Greenfield - Resources located in National Register  
Eligible Historic District**

Site ID	Site Name	Year(s)	Type	County	State
206856	House	1938	Building	Gwinnett	Ga.
206857	Unknown	1937	Building	Gwinnett	Ga.
206858	House	1900	Building	Gwinnett	Ga.
206859	House	1909	Building	Gwinnett	Ga.
206860	Dr. Jack Cain House	1940	Building	Gwinnett	Ga.
206861	Sylvester Cain House	1875	Building	Gwinnett	Ga.
206862	House	1906	Building	Gwinnett	Ga.
206863	House	1906	Building	Gwinnett	Ga.
206877	Harrington Insurance Agency	1940	Building	Gwinnett	Ga.
206878	Commercial	1900	Building	Gwinnett	Ga.
206880	Precious Pets	1930	Building	Gwinnett	Ga.
206883	Alligator Blues Cafe	1885	Building	Gwinnett	Ga.
206885	Paizanos & SE/TZ Photo Studio	1885	Building	Gwinnett	Ga.
206917	Unknown	1918	Building	Gwinnett	Ga.
206919	Reynolds House	1872	Building	Gwinnett	Ga.
206921	House	1903	Building	Gwinnett	Ga.
206923	House	1917	Building	Gwinnett	Ga.
206924	The Lietch House	1917	Building	Gwinnett	Ga.
206929	Brown's Glass and Mirror	1930	Building	Gwinnett	Ga.
206930	B&W Automotive Sales, Inc.	1910	Building	Gwinnett	Ga.
206932	ANTique Tradtions	1910	Building	Gwinnett	Ga.
206934	Dominick's	1910	Building	Gwinnett	Ga.
206936	Dominick's	1910	Building	Gwinnett	Ga.
206938	A.V.S. Jewelry	1910	Building	Gwinnett	Ga.
206940	Taste of Britian/Good Things	1909	Building	Gwinnett	Ga.
206942	Norcross Masonic Lodge	1909	Building	Gwinnett	Ga.
206944	Publix Employees Cerdit Union	1951	Building	Gwinnett	Ga.
206945	Sweet Dreams Bakery, Family Dentistry, English Language Workshop	1950	Building	Gwinnett	Ga.
206950	Tax City Rock Point Mortgage	1900	Building	Gwinnett	Ga.
206951	Norcross Hair Salon	1900	Building	Gwinnett	Ga.
206952	Barber Shop & Office	1900	Building	Gwinnett	Ga.
206967	Royal Home Gourmet	1900	Building	Gwinnett	Ga.
206976	House	1930	Building	Gwinnett	Ga.
206992	The Iron Horse Tavern	1897	Building	Gwinnett	Ga.
206994	The Carlyle House	1873	Building	Gwinnett	Ga.
207004	Cofer House	1890	Building	Gwinnett	Ga.
207005	Wall House	1906	Building	Gwinnett	Ga.
207007	House	1880	Building	Gwinnett	Ga.
207008	Sauter Cottage	1880	Building	Gwinnett	Ga.
207010	Unknown	1949	Building	Gwinnett	Ga.
207013	House	1880	Building	Gwinnett	Ga.
207014	Unknown	1859	Building	Gwinnett	Ga.
207017	House	1956	Building	Gwinnett	Ga.
207019	Davenport House	1887	Building	Gwinnett	Ga.
207029	House	1880	Building	Gwinnett	Ga.
207030	House	1890	Building	Gwinnett	Ga.
207032	The Bottoms House	1939	Building	Gwinnett	Ga.
207034	Unknown	1950	Building	Gwinnett	Ga.
207036	Lively House	1900	Building	Gwinnett	Ga.
207038	The Mcelroy House	1840	Building	Gwinnett	Ga.
207041	Flint Hill	1850	Building	Gwinnett	Ga.

**Appendix E- Cultural Resources: Greenfield - Resources located in National Register  
Eligible Historic District**

<b>Site ID</b>	<b>Site Name</b>	<b>Year(s)</b>	<b>Type</b>	<b>County</b>	<b>State</b>
207042	House	1911	Building	Gwinnett	Ga.
207044	House	1955	Building	Gwinnett	Ga.
207062	Unknown	1904	Building	Gwinnett	Ga.
207190	Betty Mauldin Park	1978	Building	Gwinnett	Ga.
207372	House	1940	Building	Gwinnett	Ga.
237349	Unknown	1980	Building	Gwinnett	Ga.

**Appendix E: Greenfield - Unknown National Register Eligibility**

<b>Site ID</b>	<b>Site Name</b>	<b>Year(s)</b>	<b>Type</b>	<b>County</b>	<b>State</b>
206661	Unknown	1859	Building	Gwinnett	Ga.
206662	House	1932	Building	Gwinnett	Ga.
206663	House	1929	Building	Gwinnett	Ga.
206664	House	1956	Building	Gwinnett	Ga.
206773	House	1956	Building	Gwinnett	Ga.
206775	Unknown	1950	Building	Gwinnett	Ga.
206864	House	1906	Building	Gwinnett	Ga.
207045	House	1936	Building	Gwinnett	Ga.
207046	Turner House	1953	Building	Gwinnett	Ga.
225995	The Strickland House	1898	Building	Gwinnett	Ga.
237356	Pierces Corner	1910	Structure	Gwinnett	Ga.
103941	Unknown	1924	Building	Jackson	Ga.
102491	Unknown	1904	Building	Jackson	Ga.
102684	Unknown	1944	Building	Jackson	Ga.
103842	Unknown	1939	Building	Jackson	Ga.
104093	Unknown	1944	Building	Jackson	Ga.
100780	Unknown	Unknown	Building	Jackson	Ga.
100781	House	1894	Building	Jackson	Ga.
103615	Unknown	1884	Building	Jackson	Ga.
100633	Unknown	1864	Building	Jackson	Ga.
47908	House	1918	Building	Madison	Ga.
47909	Unknown	1947	Building	Madison	Ga.
47628	J.W.A. Brooks house	1906	Building	Madison	Ga.
47646	Christian house	1897	Building	Madison	Ga.
47647	House	1879	Building	Madison	Ga.
47648	House	1840	Building	Madison	Ga.
47707	House	1890	Building	Madison	Ga.
47711	House	1895	Building	Madison	Ga.
47570	Liberty Methodist Church	1890	Building	Madison	Ga.
208963	House	1838	Building	Hart	Ga.
—	Town of Starr	1865; 1920	Site/Unknown	Anderson	S.C.
MK1382	Wooley-Bigham-Berryhill House	Unknown	Building	Mecklenburg	N.C.
MK2231	N.C. Highway Comm. Garage & Warehouse	Unknown	Building	Mecklenburg	N.C.
MK2106	Commercial Buildings	Unknown	Building	Mecklenburg	N.C.
MK2205	Queen City Foundry	Unknown	Building	Mecklenburg	N.C.
MK2659	South Cedar-West First Street Industrial Historic District	Unknown	District	Mecklenburg	N.C.