

***FCC NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) REPORT***



September 10, 2019

Prepared For:

GST Capital Partners, LLC



**Colbert-Fort Valley  
GA-2018004**


Richardson Mill Road, Fort Valley, Crawford County, Georgia 31030  
Latitude 32° 41' 26.62" N, Longitude 83° 51' 45.59" W

Delta Oaks Group Project ENV19-03489-03  
Revision 0



FCC NEPA Screening Checklist				
<b>Site Type:</b> <input type="checkbox"/> Raw Land <input type="checkbox"/> Collocation <input checked="" type="checkbox"/> Replacement Tower	<b>Site Location:</b> Richardson Mill Road Fort Valley, NC 31030	<b>Site Name:</b> Colbert-Fort Valley <b>Site ID:</b> GA-2018004 <b>Latitude:</b> 32° 41' 26.62" N <b>Longitude:</b> 83° 51' 45.59" W		
FCC NEPA Category		Yes	No	Exempt from Review
1. Is the facility located in an officially designated wilderness area? [47 CFR 1.1307 (a)(1)]		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2. Is the facility located in an officially designated wildlife preserve? [47 CFR 1.1307 (a)(2)]		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. Will the facility: (i) affect listed threatened or endangered species or designated critical habitats; or (ii) jeopardize the continued existence of any proposed endangered or threatened species; or is it likely to result in the destruction or adverse modification of proposed critical habitats, as determined by the Secretary of the Interior pursuant to the Endangered Species Act of 1973? [47 CFR 1.1307 (a)(3)]		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4. Will the facility affect districts, sites, buildings, structures, or objects significant in American history, architecture, archeology, engineering or culture, that are listed, or are eligible for listing on the State or National Registers of Historic Places? [47 CFR 1.1307 (a)(4)]		<input type="checkbox"/>	<input type="checkbox"/>	Section 106 Exclusion applies: <input checked="" type="checkbox"/>
5. Will the facility affect an Indian religious site? [47 CFR 1.1307 (a)(5)]		<input type="checkbox"/>	<input type="checkbox"/>	Section 106 Exclusion applies: <input checked="" type="checkbox"/>
6. Will the facility be located in a "floodplain"? [47 CFR 1.1307 (a)(6)]		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7. Will the construction of the facility involve significant change in surface features (e.g. wetland fill, deforestation, or water diversion)? [47 CFR 1.1307 (a)(7)]		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
8. Will the antenna tower or supporting structure be equipped with high intensity white lights and located in a residential neighborhood, as defined by the applicable zoning law? [47 CFR 1.1307 (a)(8)]		<input type="checkbox"/>	<input checked="" type="checkbox"/>	

If any of the above questions results in a POSITIVE screening, an Environmental Assessment (EA) must be prepared and filed with the Federal Communications Commission (FCC). Construction may not start on any of these sites prior to receipt of a "Finding of No Significant Impact" (FONSI) from the FCC.

  
 Signature

September 10, 2019  
 Date

Brandon Waller  
 Name

Director of Civil Engineering and A&E Services  
 Title



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## *EXECUTIVE SUMMARY*

This report documents the findings of the Federal Communications Commission (FCC) limited National Environmental Policy Act (NEPA) compliance review performed by Delta Oaks Group for the proposed GST Capital Partners, LLC (GST) wireless telecommunications facility located at Richardson Mill Road, Fort Valley, Crawford County, Georgia and identified as GST Site Name: Colbert-Fort Valley and Site ID: GA-2018004.

The FCC NEPA compliance review was performed to assess whether the proposed project is categorically excluded from environmental processing under FCC's procedures for implementing the NEPA Act of 1969, as outlined in Title 47 of the Code of Federal Regulations (Part 1, Subpart I, rules sections 1.1307 paragraph (a) 1-8), or if the proposed project would result in actions that may have a significant environmental effect, for which Environmental Assessments (EAs) must be prepared.

Additionally, the site has been evaluated with regard to its applicability to Appendix C to Part 1--Nationwide Programmatic Agreement Regarding the Section 106 National Historic Preservation Act Review Process contained in 47 CFR 1.1307, specifically, the commonly referred to Replacement Tower exclusion (Section III - Undertakings Excluded From Section 106 Review).

This review identified no conditions for which the performance of an Environmental Assessment (EA) is recommended.

The conclusions provided by Delta Oaks Group are based solely on the information obtained by visual inspection of the Subject Property, information obtained from Federal, State, local and tribal agencies, and information provided by the applicant. While the accuracy of this data was considered of utmost importance during the preparation of this review, the accuracy of conclusions contained herein are limited to information available and not subject to conditions that are hidden, undocumented, or otherwise unknown.

It is our understanding that this report is to be used and distributed exclusively for purposes connected with permitting for the wireless telecommunications facility. This report was prepared for the sole use and benefit of, and may be relied upon by, GST, and any of its affiliates. The report may not be relied upon by any other person or entity without authorization by GST and Delta Oaks Group.

This report should be read in its entirety to gain a full understanding of the potential environmental effects of the proposed project.





## 1 INTRODUCTION

Delta Oaks Group was retained by GST Capital Partners, LLC (GST) to perform a Federal Communications Commission (FCC) National Environmental Policy Act (NEPA) compliance review for the construction of a proposed wireless telecommunications facility located at Richardson Mill Road, Fort Valley, Crawford County, Georgia and identified as GST Site Name: Colbert-Fort Valley and Site ID: GA-2018004.

### 1.1 PURPOSE

Building a new tower or collocating an antenna on an existing structure requires compliance with the FCC's rules for environmental review. These rules ensure that licensees and registrants take appropriate measures to protect environmental and historic resources, and that the FCC meets its obligations under the National Environmental Policy Act (NEPA) to consider the potential environmental impact of its actions, as well as under other environmental statutes such as the National Historic Preservation Act (NHPA) and the Endangered Species Act (ESA).

The FCC considers registering and licensing towers and facilities to be actions that trigger agency NEPA obligations. Consequently, FCC rules impose enforceable duties on licensees and applicants in order to meet the agency's NEPA obligations. All facilities constructed by or for FCC licensees must comply with agency environmental regulations implementing NEPA as outlined in Title 47 of the Code of Federal Regulations, Part 1, Subpart I, rules sections 1.1307 paragraph (a) 1 through 8 (47 CFR 1.1307).

In accordance with 47 CFR 1.1307 the proposed project was evaluated to determine if the project would result in actions that may have a significant environmental effect, for which Environmental Assessments (EAs) must be prepared.

The categories of facilities requiring Environmental Assessments (EAs) include those facilities:

1. Located in a wilderness area (most likely on federal land);
2. Located in a wildlife preserve (likely on federal land);
3. That might affect threatened and endangered species or their habitat;
4. That might affect properties included in or eligible for inclusion in the National Register of Historic Places (NRHP) or Indian religious and cultural sites;
5. That might affect Indian religious and cultural sites;
6. That will be in a floodplain;
7. Whose construction will involve "significant changes in surface features" (e.g., in wetlands, water diversions, significant ground disturbance, deforestation);
8. That involve high intensity lighting in a residential.

*It should be noted that a determination as to whether the proposed project will result in radio frequency (RF) radiation in excess of FCC-established limits (per 47 CFR section 1.1307 paragraph (b)) is beyond the scope of this report. This determination must be provided by the applicant.*



Section 2 of this report summarizes the results of the Federal Communications Commission (FCC) National Environmental Policy Act (NEPA) compliance review performed by Delta Oaks Group on behalf of GST Capital Partners, LLC for the proposed wireless telecommunications facility.

## **1.2 PROPOSED ACTION**

The Subject Property is an approximate 100-foot x 100-foot lease area (0.23-acre portion total) on the approximate 178-acre parent parcel currently owned by Eldries J Colbert. Currently the parent parcel contains a 400-foot tall guyed tower that will be decommissioned and replaced by a new 400-foot guyed tower. The existing guyed tower is structurally deficient and has deteriorated beyond the point where tower and foundation modifications are feasible to bring it into compliance with current structural codes. The condition necessitates the replacement of the current tower with a new structure.

The proposed guyed tower will be located within a proposed 60-foot x 60-foot fenced area within the existing lease area. The proposed facility will consist of a fenced compound containing a 400-foot tall guyed tower and associated equipment. The facility will be accessed by the existing dirt/gravel access drive extending from the existing compound to Richardson Mill Road. The latitude and longitude of the proposed telecommunications tower, as provided by the applicant, are 32° 41' 26.62" N, 83° 51' 45.59" W. Refer to figures contained in Appendix 4.1 for overall site layout, site survey, and tower elevation.

## **2 SUBJECT PROPERTY EVALUATION**

In accordance with 47 CFR 1.1307 paragraph (a) 1 through 8, the proposed project was evaluated to determine if the project would result in actions that may have a significant environmental effect, for which Environmental Assessments (EAs) must be prepared.

Additionally, the site has been evaluated with regard to its applicability to Appendix C to Part 1--Nationwide Programmatic Agreement Regarding the Section 106 National Historic Preservation Act Review Process contained in 47 CFR 1.1307, specifically, the commonly referred to Replacement Tower exclusion (Section III - Undertakings Excluded From Section 106 Review).

The following sections summarize the conclusions made by Delta Oaks Group which are based on information obtained through review of information obtained from Federal, State, and local agencies, and information provided by the applicant.

### **2.1 WILL THE FACILITY BE LOCATED IN AN OFFICIALLY DESIGNATED WILDERNESS AREA?**

#### **2.1.1 DESIGNATED WILDERNESS AREAS**

Delta Oaks Group reviewed the 2017 United States Geological Survey (USGS) Byron, Georgia Quadrangle, 7.5-Minute Series topographic map, information provided through the National Wilderness Preservation System (NWPS) located at [www.wilderness.net](http://www.wilderness.net), and other appropriate sources to determine if the Subject Site is located within an officially designated wilderness area. Based on review of these resources, the Subject Property is not located within an officially designated wilderness area. Supporting documentation is included in Appendix 4.2.

#### **2.1.2 NATIONAL SCENIC TRAILS**

Delta Oaks Group performed a review of information contained within the National Park Service (NPS) National Trails System to determine if the Subject Property is within 1-mile of a National Scenic Trail. Based on this review, the Subject Property is not located within one mile of a National Scenic or Historic Trail. Supporting documentation is included in Appendix 4.2.

### **2.2 WILL THE FACILITY BE LOCATED IN AN OFFICIALLY DESIGNATED WILDLIFE PRESERVE?**

Delta Oaks Group reviewed the 2017 United States Geological Survey (USGS) Byron, Georgia Quadrangle, 7.5-Minute Series topographic map, information provided through the National Wildlife Refuge (NWR) System located at [www.fws.gov/refuges](http://www.fws.gov/refuges), and other appropriate sources to determine if the Subject Site is located within an officially designated wildlife preserve or refuge. Based on review of these resources, the Subject Property is not located within an officially designated wildlife preserve or refuge. Supporting documentation is included in Appendix 4.3.





***2.3 WILL THE FACILITY AFFECT LISTED THREATENED OR ENDANGERED SPECIES OR DESIGNATED CRITICAL HABITATS; OR LIKELY JEOPARDIZE THE CONTINUED EXISTENCE OF ANY PROPOSED ENDANGERED OR THREATENED SPECIES OR LIKELY RESULT IN THE DESTRUCTION OR ADVERSE MODIFICATION OF PROPOSED CRITICAL HABITATS, AS DETERMINED BY THE SECRETARY OF THE INTERIOR PURSUANT TO THE ENDANGERED SPECIES ACT OF 1973?***

Delta Oaks Group reviewed the information provided through online resources including USFWS Critical Habitat Portal ([www.fws.gov/crithab](http://www.fws.gov/crithab)), the USFWS Information for Planning and Conservation (IPaC) online project planning tool ([www.ecos.fws.gov/ipac](http://www.ecos.fws.gov/ipac)), and correspondence with USFWS Georgia Ecological Field Office, to determine what effect, if any, the proposed project may have on threatened or endangered species and designated critical habitats. Based on review of these resources, Delta Oaks Group determined that the Subject Property is not located within a designated USFWS critical habitat and that no listed or threatened endangered species are expected to occur at the site. In addition, no critical habitats were identified on the Subject Site. No adverse impacts to listed and/or proposed, threatened and endangered species or critical habitats resulting from the proposed project are anticipated.

On July 22, 2019, the USFWS Georgia Ecological Field Office issued Delta Oaks Group a written response concurring with the finding of may affect, but not likely to adversely affect federally listed species or their habitats. Supporting documentation is included in Appendix 4.4.

***2.4 WILL THE FACILITY AFFECT DISTRICTS, SITES, BUILDINGS, STRUCTURES, OR OBJECTS SIGNIFICANT IN AMERICAN HISTORY, ARCHITECTURE, ARCHEOLOGY, ENGINEERING, OR CULTURE THAT ARE LISTED, OR ARE ELIGIBLE FOR LISTING ON THE STATE OR NATIONAL REGISTERS OF HISTORIC PLACES?***

The National Historic Preservation Act (NHPA) of 1966 is implemented through the FCC's environmental rules. Section 106 of the NHPA requires federal agencies to consider the effects of federal undertakings on historic properties. The FCC considers the construction of any communications tower of any height or the collocation of communications equipment using FCC-licensed spectrum a federal undertaking.

FCC licensees and applicants are delegated the responsibility for initiating the Section 106 review process for proposed facilities, identifying and evaluating historic properties, and assessing effects. This process includes consultation with the appropriate State Historic Preservation Officer (SHPO) and Tribal Nations that have expressed an interest in the proposed project. For the Tribal Nations, either a Tribal Historic Preservation Office (THPO) or a cultural preservation office have been established at each Tribal Nation and designated the point-of-contact for the Section 106 process.

After consultation with the FCC, it has been determined that the proposed project is exempt from Section 106 Review.

Section III entitled "Undertakings Excluded from Section 106 Review" in Appendix C of 47 CFR 1 Part 1 states that the construction of a replacement for an existing communications



tower and any associated excavation that does not substantially increase the size of the existing tower and that does not expand the boundaries of the leased or owned property surrounding the tower by more than 30 feet in any direction or involve excavation outside these expanded boundaries or outside any existing access or utility easement related to the site is excluded from Section 106 review. This exemption applies for existing towers (that are to be replaced) that were constructed prior to March 16, 2001.

Based on information provided by the existing tower owner (Family Life Broadcasting, Inc.) and FCC records, the existing tower appears to have been constructed prior to March 16, 2001. Although the historic aerial photographs are inconclusive, a search of FCC Antenna Structure Registrations indicates the existing tower had a construction date of January 1, 1987.

Additionally, construction drawings provided by GST indicate that the installation of the new tower will not require an increase to the size of the parcel or expansion of the existing tower compound by more than 30-feet in any direction. The proposed height of the new tower will not exceed that of the existing guyed tower nor will the proposed footprint of the new tower be significantly greater than the existing.

Based on review of the readily available documentation noted herein, regarding the proposed development at the site, the commonly referred to Replacement Tower exclusion (Section III(B)) contained within the NPA applies to this project. Therefore, State Historic Preservation Office and/or Tribal Historic Preservation Office review was not performed.

All supporting documentation for the Exemption of Section 106 Review is included in Appendix 4.5.

## 2.5 WILL THE FACILITY AFFECT INDIAN RELIGIOUS AND CULTURAL SITES?

As part of the Section 106 review process, NHPA requires that applicants consult with any federally-recognized Tribal Nation that may attach religious and cultural significance to historic properties that may be effected by the proposed project.

As discussed in Section 2.4 above and as stated in section III of the NPA, "Undertakings that fall within the provisions listed in the following sections III.A. through III.F. are excluded from Section 106 review by the SHPO/THPO, the Commission, and the Council, and, accordingly, shall not be submitted to the SHPO/THPO for review." Additionally, the commonly referred to Replacement Tower exclusion contained Section III(B) of the NPA does not require consultation with Indian Tribes and/or NHO's, as long as the site is not located on tribal lands. The site is not located on tribal lands, therefore, consultation with Indian Tribes and/or NHOs, was not performed.

**However, should any archaeological materials, including human remains, be discovered during construction or future ground disturbing activities, those activities should cease immediately and all applicable THPOs, and appropriate government agencies, should be contacted.**



All supporting documentation for the Exemption of Section 106 Review is included in Appendix 4.5.

## ***2.6 WILL THE FACILITY BE LOCATED IN A FLOODPLAIN?***

Based on review of the September 26, 2008 National Flood Insurance Program Flood Insurance Rate Map (FIRM) for the area (Community Map Number 13079C0180B), the Subject Property is not located within a special flood hazard area as determined by the Federal Emergency Management Agency (FEMA). Supporting documentation is included in Appendix 4.7.

## ***2.7 WILL THE FACILITY CONSTRUCTION INVOLVE SIGNIFICANT CHANGES IN SURFACE FEATURES (E.G., WETLAND FILLING, DEFORESTATION, SURFACE WATER DIVERSION)?***

Based on review of the National Wetlands Inventory (NWI) map, obtained from the United States Fish and Wildlife Services on-line mapper, the Subject Property does not contain nor is it located in a nationally or state recognized wetlands area.

Based on the information noted above, the proposed project is not anticipated to result in a significant change or modification to surface features such as fill in jurisdictional wetlands, deforestation, or surface water diversion. Supporting documentation is provided in Appendix 4.8.

## ***2.8 WILL THE FACILITY BE EQUIPPED WITH HIGH INTENSITY WHITE LIGHTS IF IT IS TO BE LOCATED IN A RESIDENTIAL NEIGHBORHOOD (AS DEFINED BY THE APPLICABLE ZONING LAW)?***

The proposed tower is 400-ft. tall and the use of high intensity white lights should not be necessary and the proposed tower is anticipated to be equipped with dual mode lighting system that utilizes medium intensity lights. Additionally, the Subject Property is not located in a residential neighborhood as defined by the local zoning laws.



### 3 CONCLUSIONS

Delta Oaks Group conducted this limited FCC NEPA compliance review in general accordance with 47 CFR 1.1307 for the Subject Property, identified as GST Site Name: Colbert-Fort Valley and Site ID: GA-2018004 located at Richardson Mill Road, Fort Valley, Crawford County, Georgia. Based on information obtained from Federal, State, local and tribal agencies, and information provided by the applicant, Delta Oaks Group identified no conditions for which the performance of an Environmental Assessment (EA) is recommended.

PREPARED BY:

Allie Butler  
Delta Oaks Group  
Engineering Technician/Project Scientist

REVIEWED BY:

Brandon Waller, P.E.  
Delta Oaks Group  
Director of Civil Engineering and A&E Services



## 4 APPENDICES



**4.1 SUBJECT PROPERTY VICINITY MAPS**

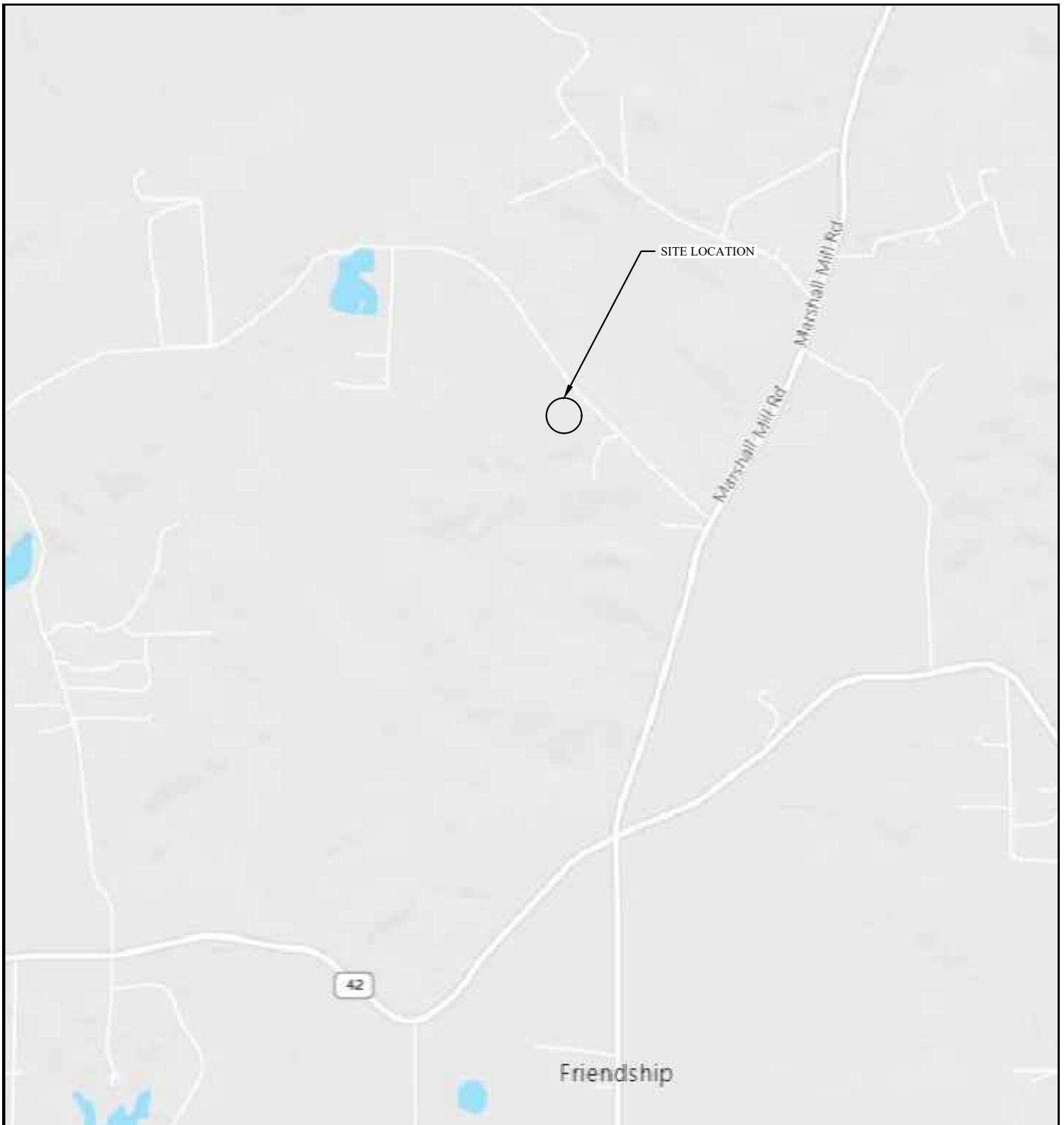
4.1a SITE LOCATION MAP

4.1b CURRENT AERIAL PHOTOGRAPH

4.1c CURRENT USGS TOPOGRAPHIC MAP

4.1d SUBJECT PROPERTY SURVEY

4.1e EDR NEPASEARCH MAP REPORT



# **BING MAPS - STREET MAP**

PREPARED FOR:



GST CAPITAL PARTNERS, LLC  
330 MARSHALL STREET, STE 300  
SHREVEPORT, LA 71101  
PHONE: (318) 614-3369

PREPARED BY:



DELTA OAKS GROUP  
4904 PPROFESSIONAL COURT, SECOND FLOOR  
RALEIGH, NC 27609  
PHONE: (919) 342-8247

## **SITE NAME:**

COLBERT-FORT VALLEY

## **SITE ID:**

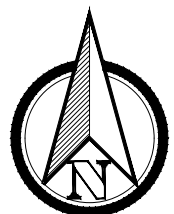
GA-2018004

## **SITE ADDRESS:**

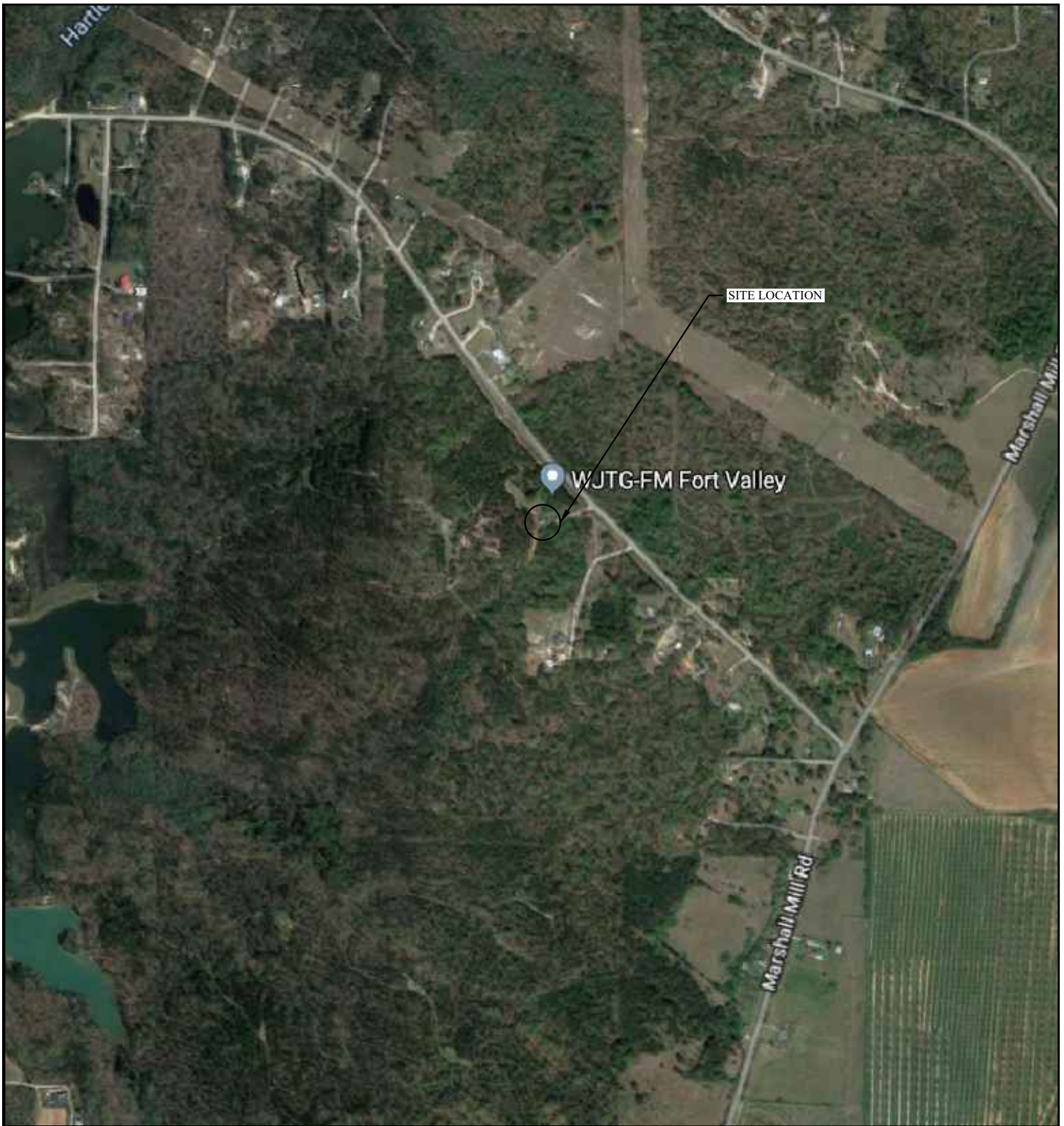
RICHARDSON MILL ROAD  
FORT VALLEY, GA 31030

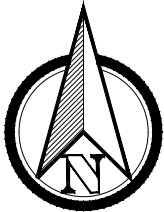


## **COORDINATES:**

LAT: 32° 41' 26.62" N  
LONG: 83° 51' 45.59" W

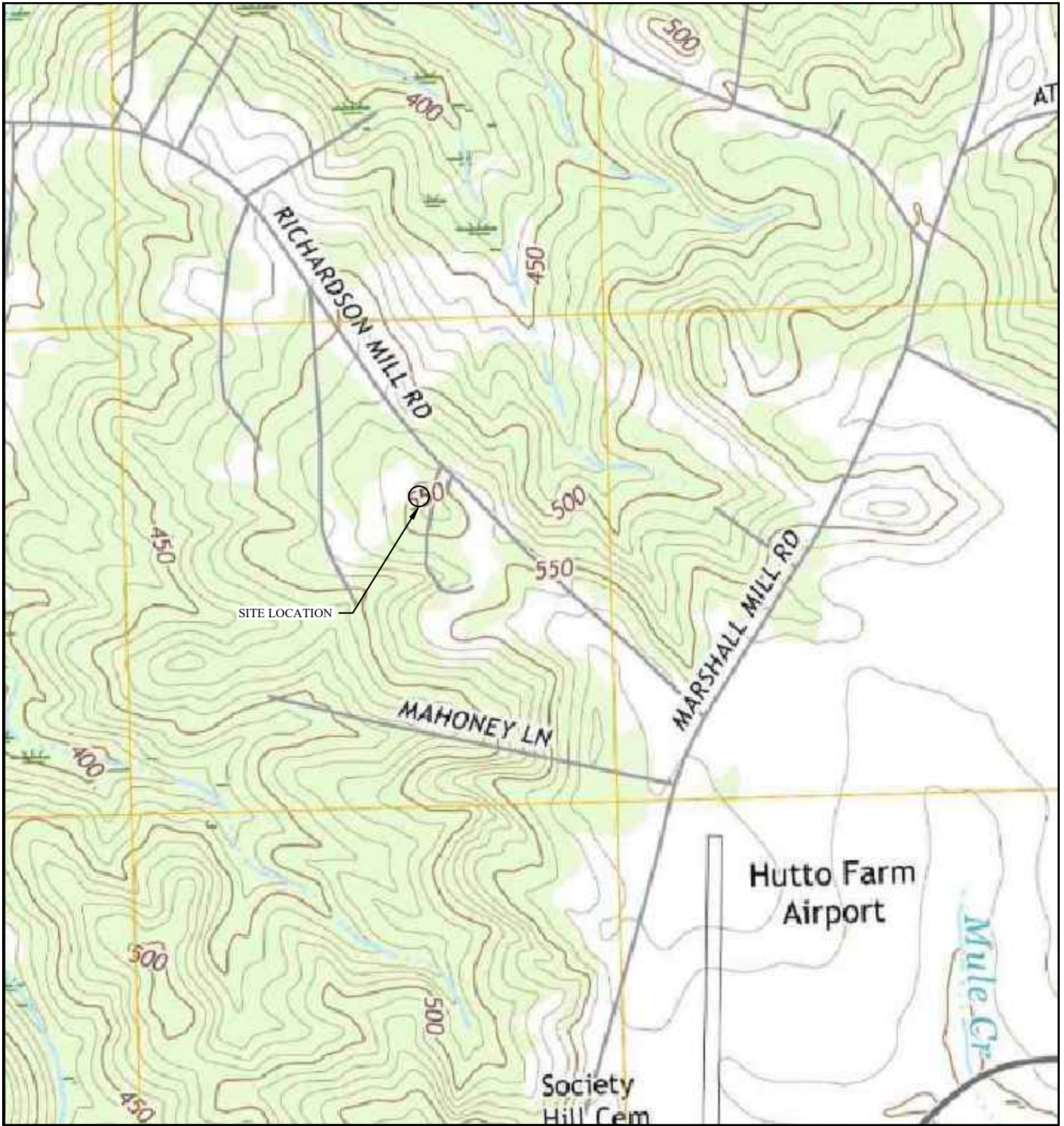


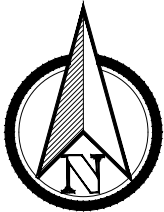


**NORTH**



GOOGLE MAPS - AERIAL PHOTOGRAPH		<b><u>SITE NAME:</u></b> COLBERT-FORT VALLEY	 <u>NORTH</u>
PREPARED FOR:	PREPARED BY:	<b><u>SITE ID:</u></b> GA-2018004	
 GST CAPITAL PARTNERS, LLC 330 MARSHALL STREET, STE 300 SHREVEPORT, LA 71101 PHONE: (318) 614-3369	 DELTA OAKS GROUP 4904 PPROFESSIONAL COURT, SECOND FLOOR RALEIGH, NC 27609 PHONE: (919) 342-8247	<b><u>SITE ADDRESS:</u></b> RICHARDSON MILL ROAD FORT VALLEY, GA 31030	
		<b><u>COORDINATES:</u></b> LAT: 32° 41' 26.62" N LONG: 83° 51' 45.59" W	





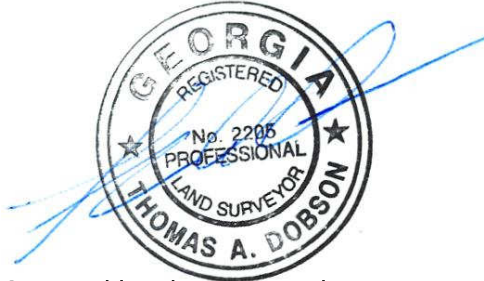
USGS - TOPOGRAPHIC MAP		<u>SITE NAME:</u> COLBERT-FORT VALLEY	 <u>NORTH</u>
PREPARED FOR:	PREPARED BY:	<u>SITE ID:</u> GA-2018004	
 GST CAPITAL PARTNERS, LLC 330 MARSHALL STREET, STE 300 SHREVEPORT, LA 71101 PHONE: (318) 614-3369	 DELTA OAKS GROUP 4904 PPROFESSIONAL COURT, SECOND FLOOR RALEIGH, NC 27609 PHONE: (919) 342-8247	<u>SITE ADDRESS:</u> RICHARDSON MILL ROAD FORT VALLEY, GA 31030	
		<u>COORDINATES:</u> LAT: 32° 41' 26.62" N LONG: 83° 51' 45.59" W	

NORTH ORIENTATION/GPS DATA

GEORGIA WEST STATE PLANE COORDINATE SYSTEM  
Based on GPS Survey relative to NGS CORS Network  
NAD83 (2011) EPOCH 2010.0000, GEOID 12B  
Method: Static (OPUS, CORS)  
Confidence Level: 95%  
Positional Accuracy: HZ ± 0.10'  
Survey Date: 04-24-2019

SURVEYOR'S CERTIFICATION:

This Survey is a SPECIFIC PURPOSE SURVEY and does not subdivide or create any new Parcels, or make changes to real property boundaries. The recording information of the documents, maps, plats or other instruments which created the parcel or parcels are stated hereon. RECORDATION OF THIS PLAT DOES NOT IMPLY APPROVAL OF ANY LOCAL JURISDICTION, AVAILABILITY OF PERMITS OR COMPLIANCE WITH LOCAL REGULATIONS OR REQUIREMENTS, OR SUITABILITY FOR ANY USE OR PURPOSE OF THE LAND. Furthermore, the undersigned land surveyor certifies this plat complies with the minimum technical standards for property surveys in Georgia as set forth in the rules and regulations of the Georgia Board for Professional Engineers and Land Surveyors as set forth in O.C.G.A Section 15-6-67.



Surveyed by Thomas A. Dobson  
Georgia RLS No. 2205  
Georgia COA No. LSF001190

SURVEY RELEASE DATA

#	DETAILS	DATE	DRAWN	APP
0	Original Survey Issue	05-11-2019	NB	TLS

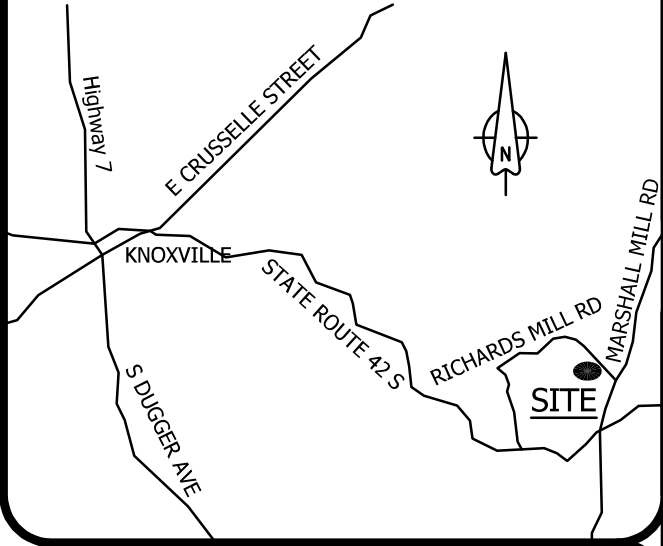
PROPOSED TOWER DATA

Latitude: 32.690727° (32° 41' 26.62") NORTH  
Longitude: 83.862664° (83° 51' 45.59") WEST  
Ground Elevation: 553.8 feet AMSL NAVD88  
CORS Benchmark: DH4140 GACR

GENERAL NOTES

- This Specific Purpose Survey is for the Leased Premises and/or Easements only, and was prepared for the exclusive use of Verizon Wireless and exclusively for the transfer of the proposed Leased Premises and/the Rights of Easements shown hereon, and shall not be used as an exhibit or evidence in the fee simple transfer of the Parent Parcel nor any portion or portions thereof. Boundary information shown hereon has been compiled from ax Maps and Deed descriptions only. No Boundary of the Parent Parcel was performed. This drawing does not represent a Boundary Survey.
- NORTH ORIENTATION: Georgia (West) State Plane Coordinate System, NAD 83 (CORS), determined by GPS Survey
- ELEVATION DATUM: NAVD88, relative to Continuously Operating Reference Station (CORS) Benchmark as noted hereon. Onsite benchmark is as shown hereon
- Instruments Used: Topcon GTS 212 and Prism, Topcon Hiperlite Plus GPS, TDS Nomad and/or Carlson Surveyor Data Collector.
- Survey shown hereon conforms to the Minimum Requirements as set forth by the State Board for a Suburban Survey as stated in Certification. Field traverse did not require adjustment.
- Improvements (Utilities, Buildings, Trees, Fences, etc) not located, unless specifically shown hereon in the vicinity of surveyed property.
- No underground utilities, underground encroachments or building foundations were measured or located as a part of this survey, unless otherwise shown.
- This Survey is prepared for the sole purpose of representing site conditions and to allow the preparation of Lease Agreements; and is presented in the format required by Clients. Clients are advised that Official Jurisdictions may require the Survey to be presented in another format with additional notes and certifications. In the event other formats, notes or certifications are requested by applicable jurisdictions, it is the responsibility of the Client to request same be prepared by Surveyor.
- Date of Field Survey: 04-24-2019
- Title Examination was not available at time of Survey.
- FLOOD ZONE DATA: By graphic plotting only, Lessee's Lease Area and Easement(s) appear to lie within ZONE "X" per F.E.M.A Flood Insurance Rate Map Community Panel No. 13079C0180B with an effective date of 09-26-2008. Zone "X": "Areas of Minimal Flood Hazard".

LOCATION MAP  
NOT TO SCALE



LEGEND

- UTILITY POLE
- GUY ANCHOR
- GATE POST

- R/W RIGHT-OF-WAY
- POC POINT OF COMMENCEMENT
- POB POINT OF BEGINNING
- ESMT EASEMENT
- Sq Ft SQUARE FEET
- AU ACCESS UTILITY ESMT

- PAVEMENT EDGE
- GRAVEL EDGE
- OHU OVERHEAD UTILITY LINES
- FENCE
- DITCH
- 5' CONTOURS
- 1' CONTOURS
- TREE LINE
- PUBLIC R/W
- TAX PARCEL BOUNDARY
- R/W CENETRLINE
- TIE LINE
- ACCESS/UTILITY ESMT
- GUY ESMT
- LEASE AREA

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(423) 304-6722  
Georgia C.O.A. No. LSF001190

PREPARED FOR

DELTA OAKS GROUP  
4904 Professional Court  
Raleigh, NC 27609

GST CAPITAL PARTNERS, LLC  
330 Marshall Street, Ste 300,  
Shreveport, LA 71101

SITE SURVEY

SITE NAME:

COLBERT-FORT VALLEY

Site Number: GA 2018004

Richardson Mill Road, Fort Valley, GA 31030

Land Lot 59, 6th District,  
Crawford County, Georgia

REVISION #: 0

ISSUE DATE: 05-11-2019

SEE SHEET #1

COVER SHEET

SHEET 1 OF 5



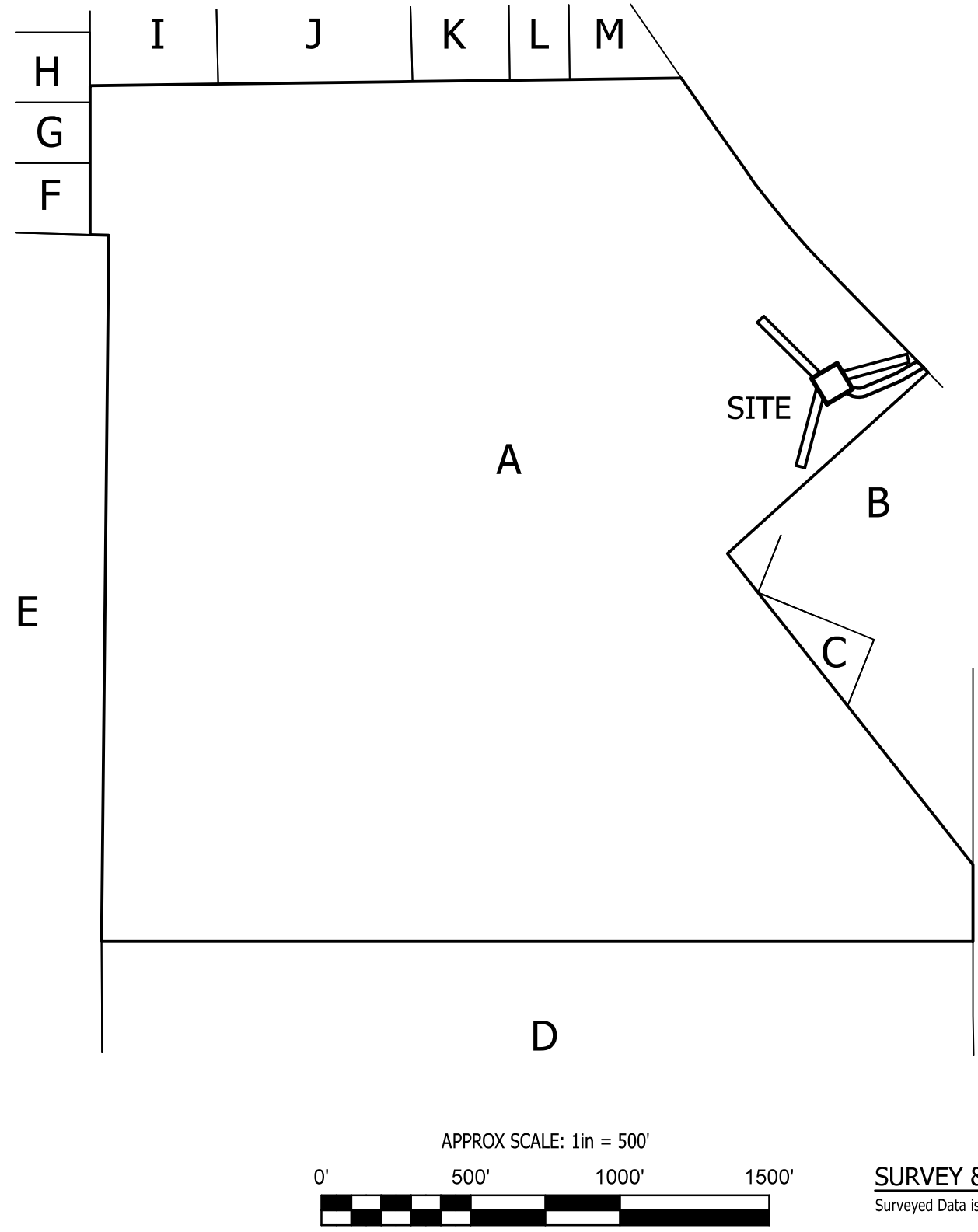
PROPERTY INFORMATION

PARENT PARCEL

- A. ELDRIES J. COLBERT  
TAX PARCEL: C100 021  
Deed Book 124, Page 504

ADJOINING TAX PARCELS

- B. COLBERT, ELDRIES J & LISA G  
TAX PARCEL: C110 017  
Deed Book 212, Page 784
- C. MATHIS, PATRICIA  
TAX PARCEL: C110 015  
Deed Book 113, Page 246  
Plat Book 10, Page 48
- D. FRAZIER, STEPHEN  
TAX PARCEL: C101 154  
Deed Book 326, Page 200  
Plat Book 9, Page 61
- E. DAVIS, W A (AL)  
TAX PARCEL: C100 007  
Deed Book 131, Page 378  
Plat Book 11, Page 168
- F. BRUCE, STANLEY & RACHEL  
TAX PARCEL: C100 022  
Deed Book 220, Page 49  
Plat Book 9, Page 4
- G. ROLAND, ROBERT KEITH  
TAX PARCEL: C100 023  
Deed Book 293, Page 188  
Plat Book 9, Page 4
- H. BERTA, JAMES A SR & DUNITA LYNNE  
TAX PARCEL: C100 024  
Deed Book 102, Page 528  
Plat Book 9, Page 4
- I. BAKERSMITH, MARILYN M & APRIL  
TAX PARCEL: C100 027  
Deed Book 213, Page 755  
Plat Book 9, Page 289
- J. LYLES, MICHAEL E  
TAX PARCEL: C100 032C  
Deed Book 277, Page 182  
Plat Book 14, Page 520
- K. GIBSON, J M  
TAX PARCEL: C100 034  
Deed Book 137, Page 261  
Plat Book 9, Page 289
- L. COBB, LAURIE DENISE  
TAX PARCEL: C100 035  
Deed Book 354, Page 511  
Plat Book 9, Page 289
- M. WHITTLE, DIANE W  
TAX PARCEL: C100 036  
Deed Book 084, Page 836



SURVEY & MAP CAVEATS:

Surveyed Data is as shown on Survey Map Sheets herein.

This is not a Boundary Survey of Parent Tax Parcel or adjoiners. Parent Parcel Property lines are shown based Tax Map Data. Relevant Portion of R/W Shown per Surveyed Centerlines.

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(423) 304-6722  
Georgia C.O.A. No. LSF001190

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4904 Professional Court  
Raleigh, NC 27609

GST CAPITAL PARTNERS, LLC  
330 Marshall Street, Ste 300,  
Shreveport, LA 71101

SITE SURVEY

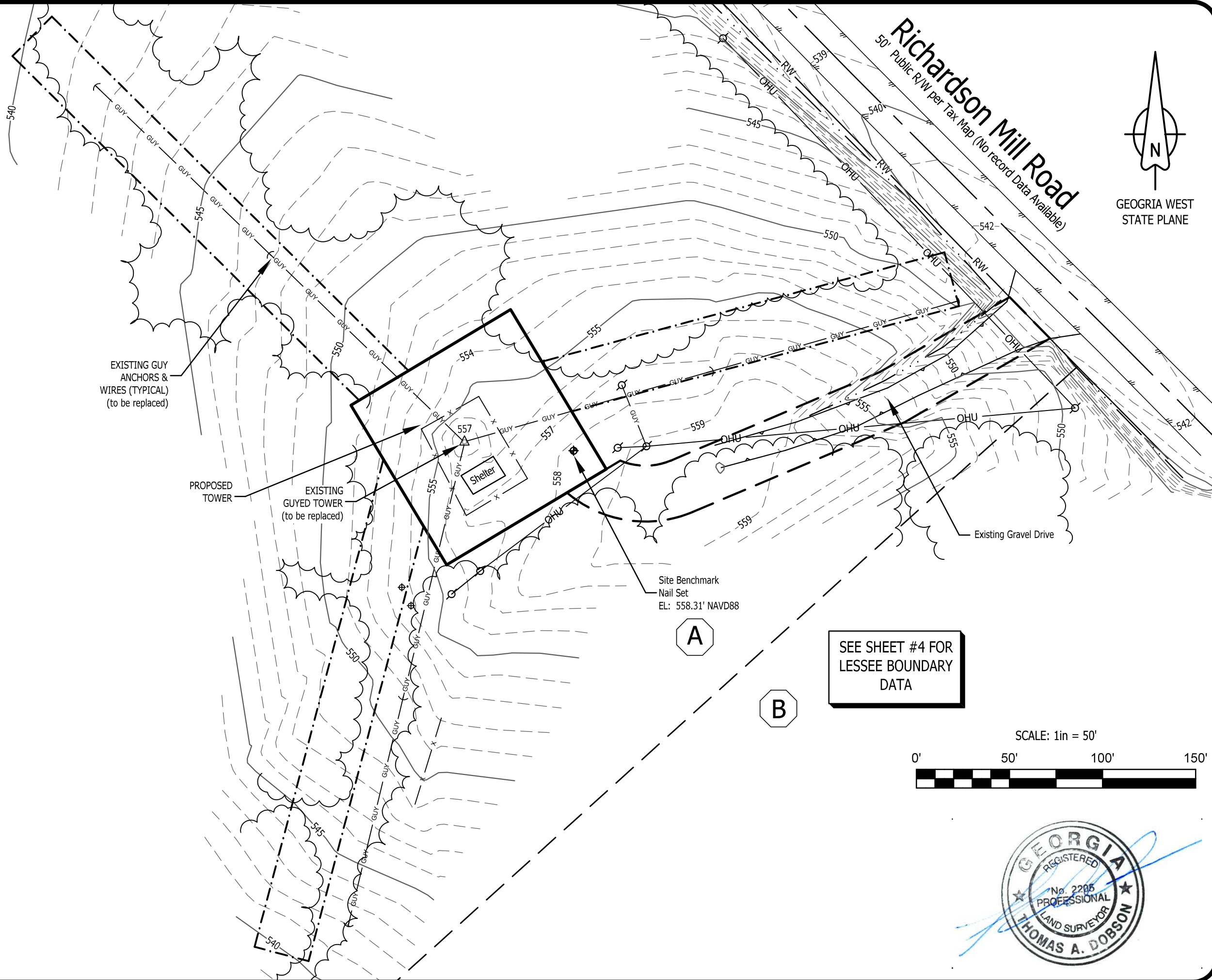
SITE NAME:  
**COLBERT-FORT VALLEY**

Site Number: GA 2018004  
Richardson Mill Road, Fort Valley, GA 31030  
Land Lot 59, 6th District,  
Crawford County, Georgia

REVISION #: 0  
ISSUE DATE: 05-11-2019  
SEE SHEET #1

OVERVIEW

SHEET 2 OF 5



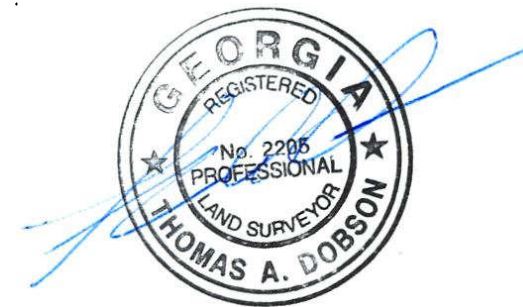
  
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**SITE TOPO**  
SHEET 3 OF 5



CURVE DATA TABLE						
CURVE	RADIUS	ARC LEN	TANGENT	DELTA ANGLE	CHORD BEARING	CHORD LEN
C1	35.00'	27.89'	14.73'	45°39'24"	N 89°51'45" E	27.16'
C2	65.00'	71.93'	40.15'	63°24'14"	N 81°15'50" W	68.32'

LINE DATA TABLE		
LINE	BEARING	DISTANCE
L1	N 30°56'34" W	100.00'
L2	N 59°03'26" E	100.00'
L3	S 30°56'34" E	100.00'
L4	S 59°03'26" W	100.00'
L5	N 59°03'26" E	75.38'
L6	N 59°03'26" E	33.41'
L7	N 67°02'03" E	121.88'
L8	N 60°00'33" E	80.55'
L9	S 44°17'14" E	30.96'
L10	S 60°00'33" W	90.04'
L11	S 67°02'03" W	123.72'
L12	N 30°56'34" W	24.21'
L13	S 14°47'57" W	241.75'
L14	N 75°12'03" W	30.00'
L15	N 14°47'57" E	270.98'
L16	S 30°56'34" E	41.89'
L17	N 59°03'26" E	5.11'
L18	N 45°12'03" W	262.42'
L19	N 44°47'57" E	30.00'
L20	S 45°12'03" E	270.04'
L21	S 59°03'26" W	30.95'
L22	S 30°56'34" E	32.69'
L23	N 74°47'57" E	224.08'
L24	S 15°12'03" E	30.00'
L25	S 74°47'57" W	215.63'
L26	N 30°56'34" W	31.17'

CENTERLINE OF PROPOSED TOWER  
LAT (NAD83): 32° 41' 26.62"  
LON (NAD83): 83° 51' 45.59"  
GROUND ELEV (NAVD88): 553.8'

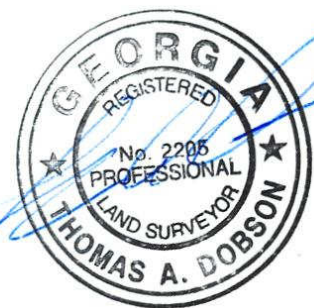
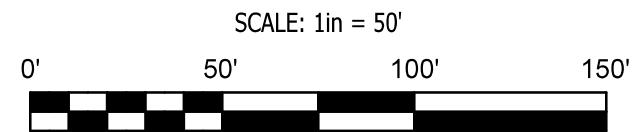
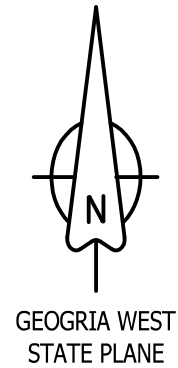
LESSEE'S 30' GUY  
EASEMENT #1  
7,691 Sq. Ft. - 0.18± Ac

LESSEE'S  
LEASE AREA  
10,000 Sq. Ft.  
0.23± Ac

LESSEE'S 30' GUY  
EASEMENT #3  
6,596 Sq. Ft. - 0.15± Ac

LESSEE'S 30'  
ACCESS & UTILITY  
EASEMENT  
7,746 Sq. Ft. - 0.18± Ac

Richardson Mill Road  
50' Public R/W per Tax Map (No record Data Available)



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330 Marshall Street, Ste 300,  
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SITE SURVEY  
SITE NAME:  
**COLBERT-FORT VALLEY**  
Site Number: GA 2018004  
Richardson Mill Road, Fort Valley, GA 31030  
Land Lot 59, 6th District,  
Crawford County, Georgia

REVISION #: 0  
ISSUE DATE: 05-11-2019  
SEE SHEET #1

LESSEE  
BOUNDARIES  
SHEET 4 OF 5



LESSEE'S 30' ACCESS & UTILITY EASEMENT (PROPOSED)

Being a 30’ Access & Utility Easement of 7,746 square feet, situated in Land Lot 59, 6th District, Crawford County, Georgia, and being a portion of the property now or formerly conveyed to Eldries J. Colbert., of record in Deed Book 124, Page 504, Clerk's Office, Crawford County, Georgia, (COCC), and being more particularly described as follows:

COMMENCE at the intersection of the centerlines of Richardson Mill Road and Marshall Mill Road;  
Thence along a Chord Tie Line having a Bearing of N 54°41'01" W, a distance of 2,359.75 feet;  
Thence N 59°03'26" E, a distance of 75.38 feet to the Point of Beginning;

Thence N 59°03'26" E, a distance of 33.41 feet;  
Thence with a curve to the left with an arc length of 27.89 feet, with a radius of 35.00 feet, with a chord bearing of N 89°51'45" E, with a chord length of 27.16 feet;  
Thence N 67°02'03" E, a distance of 121.88 feet;  
Thence N 60°00'33" E, a distance of 80.55 feet to a point on the Southeastern Right-of-Way Line of Richardson Mill Road;  
Thence S 44°17'14" E, along said Right-of-Way Line, a distance of 30.96 feet;  
Thence S 60°00'33" W, leaving said Right-of-Way Line, a distance of 90.04 feet;  
Thence S 67°02'03" W, a distance of 123.72 feet;  
Thence with a curve to the right with an arc length of 71.93 feet, with a radius of 65.00 feet, with a chord bearing of N 81°15'50" W, with a chord length of 68.32 feet to the Point of Beginning and containing 0.18 Acres (7,746 Square Feet) more or less.

LESSEE'S 30' GUY EASEMENT #1 (PROPOSED)

Being a 30’ Guy Easement of 7,691 square feet, situated in Land Lot 59, 6th District, Crawford County, Georgia, and being a portion of the property now or formerly conveyed to Eldries J. Colbert., of record in Deed Book 124, Page 504, Clerk's Office, Crawford County, Georgia, (COCC), and being more particularly described as follows:

COMMENCE at the intersection of the centerlines of Richardson Mill Road and Marshall Mill Road;  
Thence along a Chord Tie Line having a Bearing of N 54°41'01" W, a distance of 2,359.75 feet;  
Thence N 30°56'34" W, a distance of 24.21 feet to the Point of Beginning;

Thence S 14°47'57" W, a distance of 241.75 feet;  
Thence N 75°12'03" W, a distance of 30.00 feet;  
Thence N 14°47'57" E, a distance of 270.98 feet;  
Thence S 30°56'34" E, a distance of 41.89 feet to the Point of Beginning and containing 0.18 Acres (7,691 Square Feet) more or less.

LESSEE'S 30' GUY EASEMENT #2 (PROPOSED)

Being a 30’ Guy Easement of 7,987 square feet, situated in Land Lot 59, 6th District, Crawford County, Georgia, and being a portion of the property now or formerly conveyed to Eldries J. Colbert., of record in Deed Book 124, Page 504, Clerk's Office, Crawford County, Georgia, (COCC), and being more particularly described as follows:

COMMENCE at the intersection of the centerlines of Richardson Mill Road and Marshall Mill Road;  
Thence along a Chord Tie Line having a Bearing of N 54°41'01" W, a distance of 2,359.75 feet;  
Thence N 30°56'34" W, a distance of 100.00 feet;  
Thence N 59°03'26" E, a distance of 5.11 feet to the Point of Beginning;

Thence N 45°12'03" W, a distance of 262.42 feet;  
Thence N 44°47'57" E, a distance of 30.00 feet;  
Thence S 45°12'03" E, a distance of 270.04 feet;  
Thence S 59°03'26" W, a distance of 30.95 feet to the Point of Beginning and containing 0.18 Acres (7,987 Square Feet) more or less.

LESSEE'S LEASE AREA (PROPOSED)

Being a Lease Area of 10,000 square feet, situated in Land Lot 59, 6th District, Crawford County, Georgia, and being a portion of the property now or formerly conveyed to Eldries J. Colbert., of record in Deed Book 124, Page 504, Clerk's Office, Crawford County, Georgia, (COCC), and being more particularly described as follows:

COMMENCE at the intersection of the centerlines of Richardson Mill Road and Marshall Mill Road;  
Thence along a Chord Tie Line having a Bearing of N 48°33'08" E, a distance of 320.36 feet to the Point of Beginning of the Lessee's Lease Area described herein;

Thence N 30°56'34" W, a distance of 100.00 feet;  
Thence N 59°03'26" E, a distance of 100.00 feet;  
Thence S 30°56'34" E, a distance of 100.00 feet;  
Thence S 59°03'26" W, a distance of 100.00 feet to the Point of Beginning and containing 0.23 Acres (10,000 Square Feet) more or less.

LESSEE'S 30' GUY EASEMENT #3 (PROPOSED)

Being a 30’ Guy Easement of 6,596 square feet, situated in Land Lot 59, 6th District, Crawford County, Georgia, and being a portion of the property now or formerly conveyed to Eldries J. Colbert., of record in Deed Book 124, Page 504, Clerk's Office, Crawford County, Georgia, (COCC), and being more particularly described as follows:

COMMENCE at the intersection of the centerlines of Richardson Mill Road and Marshall Mill Road;  
Thence along a Chord Tie Line having a Bearing of N 54°41'01" W, a distance of 2,359.75 feet;  
Thence N 30°56'34" W, a distance of 100.00 feet;  
Thence N 59°03'26" E, a distance of 100.00 feet;  
Thence S 30°56'34" E, a distance of 32.69 feet to the Point of Beginning;

Thence N 74°47'57" E, a distance of 224.08 feet;  
Thence S 15°12'03" E, a distance of 30.00 feet;  
Thence S 74°47'57" W, a distance of 215.63 feet;  
Thence N 30°56'34" W, a distance of 31.17 feet to the Point of Beginning and containing 0.15 Acres (6,596 Square Feet) more or less.





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PREPARED FOR



DELTA OAKS GROUP  
4904 Professional Court  
Raleigh, NC 27609



GST CAPITAL PARTNERS, LLC  
330 Marshall Street, Ste 300,  
Shreveport, LA 71101

SITE SURVEY

SITE NAME:

COLBERT-FORT VALLEY

Site Number: GA 2018004

Richardson Mill Road, Fort Valley, GA 31030

Land Lot 59, 6th District,  
Crawford County, Georgia

REVISION #: 0

ISSUE DATE: 05-11-2019

SEE SHEET #1

SURVEYOR'S  
DESCRIPTIONS

SHEET 5 OF 5

**Colbert-Fort Valley GA-2018004**

Richardson Mill Road  
Fort Valley, GA 31030

Inquiry Number: 5672217.1s  
June 04, 2019

## EDR NEPASearch™ Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)



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<b>Natural Areas.....</b>	<b>3</b>
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<b>FCC &amp; FAA Sites.....</b>	<b>33</b>
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***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EDR NEPASearch DESCRIPTION

The National Environmental Policy Act of 1969 (NEPA) requires that Federal agencies include in their decision-making processes appropriate and careful consideration of all environmental effects and actions, analyze potential environmental effects of proposed actions and their alternatives for public understanding and scrutiny, avoid or minimize adverse effects of proposed actions, and restore and enhance environmental quality as much as possible.

The EDR NEPASearch Map Report provides information which may be used, in conjunction with additional research, to determine whether a proposed site or action will have significant environmental effect.

### TARGET PROPERTY ADDRESS

COLBERT-FORT VALLEY GA-2018004  
RICHARDSON MILL ROAD  
FORT VALLEY, GA 31008

Inquiry #: 5672217.1s  
Date: 6/4/19

### TARGET PROPERTY COORDINATES

Latitude (North):	32.690727 - 32° 41' 26.6"
Longitude (West):	83.862663 - 83° 51' 45.6"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	231600.1
UTM Y (Meters):	3620435.0

The report provides maps and data for the following items (where available). Search results are provided in the Map Findings Summary on page 2 of this report.

### **Section**

### **Regulation**

#### **Natural Areas Map**

- Federal Lands Data:
  - Officially designated wilderness areas
  - Officially designated wildlife preserves, sanctuaries and refuges
  - Wild and scenic rivers
  - Fish and Wildlife
- Threatened or Endangered Species, Fish and Wildlife, Critical Habitat Data (where available)

47 CFR 1.1307(1)  
47 CFR 1.1307(2)  
40 CFR 6.302(e)  
40 CFR 6.302  
47 CFR 1.1307(3); 40 CFR 6.302

#### **Historic Sites Map**

- National Register of Historic Places
- State Historic Places (where available)
- Indian Reservations

47 CFR 1.1307(4); 40 CFR 6.302

#### **Flood Plain Map**

- National Flood Plain Data (where available)

47 CFR 1.1307(6); 40 CFR 6.302

#### **Wetlands Map**

- National Wetlands Inventory Data (where available)

47 CFR 1.1307(7); 40 CFR 6.302

#### **FCC & FAA Map**

- FCC antenna/tower sites, FAA Markings and Obstructions, Airports, Topographic gradient

47 CFR 1.1307(8)

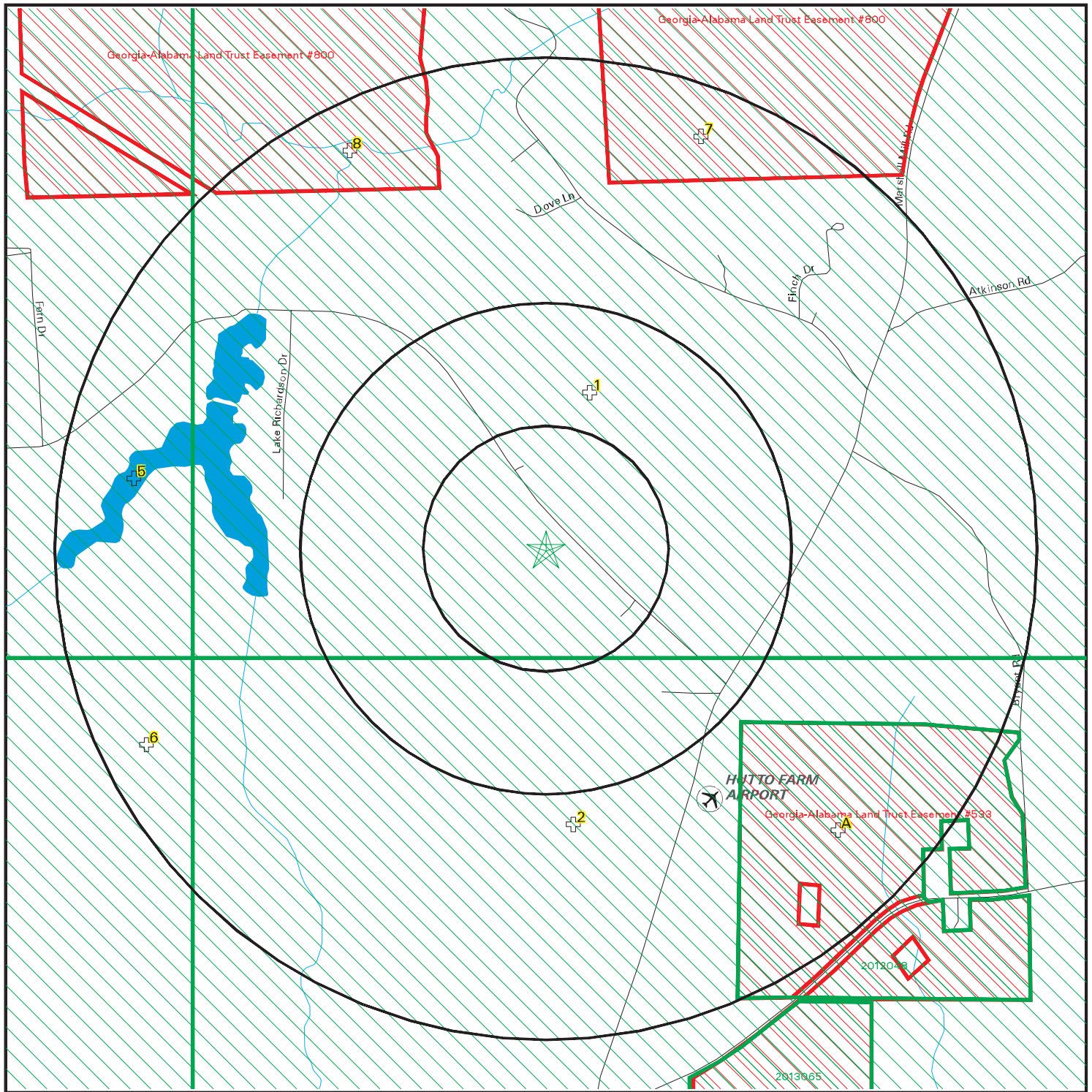
### **Key Contacts and Government Records Searched**

## MAP FINDINGS SUMMARY

The databases searched in this report are listed below. Database descriptions and other agency contact information is contained in the Key Contacts and Government Records Searched section on page 39 of this report.

Applicable Regulation from 47 CFR/FCC Checklist	Database	Search Distance (Miles)	Within Search	Within 1/8 Mile
<b>NATURAL AREAS MAP</b>				
1.1307a (1) Officially Designated Wilderness Area	US Federal Lands	1.00	NO	NO
	US Wilderness Preservation	1.00	NO	NO
1.1307a (2) Officially Designated Wildlife Preserve	US Federal Lands	1.00	NO	NO
	GA Public Lands	1.00	NO	NO
	GA DNR Managed Lands	1.00	NO	NO
	US ACEC	1.00	NO	NO
	GA Natural Resources Conservat	1.00	YES	NO
	US Scenic River	1.00	NO	NO
	GA Fish/Wildlife Lands	1.00	NO	NO
	GA Forest Lands	1.00	NO	NO
	US NCED	1.00	YES	NO
	US Critical Water Habitat	1.00	NO	NO
	US Critical Land Habitat	1.00	NO	NO
1.1307a (3) Threatened or Endangered Species or Critical Habitat	US Endangered Species	County	YES	N/A
1.1307a (3) Threatened or Endangered Species or Critical Habitat	GA Endangered Species	1.00	YES	YES
<b>HISTORIC SITES MAP</b>				
1.1307a (4) Listed or eligible for National Register	GA Historic Sites	1.00	NO	NO
1.1307a (4) Listed or eligible for National Register	Natchez Trace National Scenic	1.00	NO	NO
1.1307a (4) Listed or eligible for National Register	Potomac Heritage National Scen	1.00	NO	NO
	Indian Reservations	1.00	NO	NO
1.1307a (4) Listed or eligible for National Register	US Trails	1.00	NO	NO
1.1307a (4) Listed or eligible for National Register	National Register of Hist. Pla	1.00	NO	NO
<b>FLOODPLAIN MAP</b>				
1.1307 (6) Located in a Flood Plain	FLOODPLAIN	1.00	NO	NO
<b>WETLANDS MAP</b>				
1.1307 (7) Change in surface features (wetland fill)	NWI	1.00	YES	NO
	GA COASTAL ZONE	20.00	NO	NO
<b>FCC &amp; FAA SITES MAP</b>				
	Cellular	1.00	NO	NO
	Antenna Structure Registration	1.00	YES	YES
	AM Antenna	1.00	NO	NO
	FM Antenna	1.00	YES	YES
	FAA DOF	1.00	YES	YES
	Airports	1.00	YES	---
	Power Lines	1.00	YES	---

# Natural Areas Map



- |                   |                           |
|-------------------|---------------------------|
| ★ Target Property | ⊕ Locations               |
| ∩ Roads           | ▨ Federal Areas           |
| ≡ County Boundary | ▨ Federal Linear Features |
| ∩ Waterways       | ▨ State Areas             |
| ■ Water           | ▨ State Linear Features   |
| ✈ Airports        |                           |



**SITE NAME:** Colbert-Fort Valley GA-2018004  
**ADDRESS:** Richardson Mill Road  
 Fort Valley GA 31030  
**LAT/LONG:** 32.690728 / 83.862664

**CLIENT:** Delta Oaks Group  
**CONTACT:** Allie Butler  
**INQUIRY #:** 5672217.1s  
**DATE:** June 4, 2019

TC5672217.1s Page 3 of 46

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CRAWFORD County

#### Group:Clams

Common Name: Gulf moccasinshell Status: Endangered	Scientific Name: Medionidus penicillatus
Common Name: Purple bankclimber (mussel) Status: Threatened	Scientific Name: Elliptoideus sloatianus
Common Name: Oval pigtoe Status: Endangered	Scientific Name: Pleurobema pyriforme
Common Name: Shinyrayed pocketbook Status: Endangered	Scientific Name: Lampsilis subangulata
Common Name: Altamaha Spnymussel Status: Endangered	Scientific Name: Elliptio spinosa

#### Group:Flowering Plants

Common Name: Fringed campion Status: Endangered	Scientific Name: Silene polypetala
Common Name: Relict trillium Status: Endangered	Scientific Name: Trillium reliquum

#### Group:Reptiles

Common Name: Gopher tortoise Status: Candidate	Scientific Name: Gopherus polyphemus
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### Federal Endangered Species from the U.S. Fish and Wildlife for GA State

#### Group:Amphibians

Common Name: Tennessee cave salamander Status: Under Review	Scientific Name: Gyrinophilus palleucus
Common Name: Patch-nosed salamander Status: Under Review	Scientific Name: Ursperperes brucei
Common Name: Chamberlain's Dwarf salamander Status: Under Review	Scientific Name: Eurycea chamberlaini
Common Name: Eastern Hellbender Status: Species of Concern	Scientific Name: Cryptobranchus alleganiensis alleganiensis
Common Name: One-toed Amphiuma Status: Under Review	Scientific Name: Amphiuma pholeter
Common Name: Hellbender Status: Under Review	Scientific Name: Cryptobranchus alleganiensis
Common Name: Carolina crawfish frog Status: Species of Concern	Scientific Name: Rana areolata capito
Common Name: Florida crawfish frog Status: Species of Concern	Scientific Name: Rana areolata aesopus

#### Group:Birds



## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for GA State (Continued...)

Common Name: Migrant loggerhead shrike Status: Species of Concern	Scientific Name: <i>Lanius ludovicianus migrans</i>
Common Name: Eastern painted bunting Status: Species of Concern	Scientific Name: <i>Passerina ciris ciris</i>
Common Name: Florida sandhill crane Status: Under Review	Scientific Name: <i>Grus canadensis ssp. pratensis</i>
Common Name: Black Rail Status: Under Review	Scientific Name: <i>Laterallus jamaicensis</i>
Common Name: Golden-winged warbler Status: Under Review	Scientific Name: <i>Vermivora chrysoptera</i>
Common Name: Black-capped petrel Status: Under Review	Scientific Name: <i>Pterodroma hasitata</i>

#### Group:Clams

Common Name: Apalachicola floater Status: Under Review	Scientific Name: <i>Anodonta heardi</i>
Common Name: Alabama spike Status: Under Review	Scientific Name: <i>Elliptio arca</i>
Common Name: Brother spike Status: Under Review	Scientific Name: <i>Elliptio fraterna</i>
Common Name: Delicate spike Status: Under Review	Scientific Name: <i>Elliptio arcata</i>
Common Name: Round hickorynut Status: Under Review	Scientific Name: <i>Obovaria subrotunda</i>
Common Name: Longsolid Status: Under Review	Scientific Name: <i>Fusconaia subrotunda</i>
Common Name: Cumberland moccasinshell Status: Under Review	Scientific Name: <i>Medionidus conradicus</i>
Common Name: Inflated floater Status: Status Undefined	Scientific Name: <i>Pyganodon gibbosa</i>
Common Name: Southern elktoe Status: Under Review	Scientific Name: <i>Alasmidonta triangulata</i>
Common Name: Rayed creekshell Status: Under Review	Scientific Name: <i>Anodontoides radiatus</i>
Common Name: Alabama rainbow Status: Under Review	Scientific Name: <i>Villosa nebulosa</i>
Common Name: Winged spike Status: Species of Concern	Scientific Name: <i>Elliptio nigella</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for GA State (Continued...)

Common Name: Tennessee heelsplitter Status: Under Review	Scientific Name: Lasmigona holstonia
Common Name: Tennessee pigtoe Status: Under Review	Scientific Name: Pleuronaia barnesiana
Common Name: Inflated spike Status: Under Review	Scientific Name: Elliptio purpurella
Common Name: Altamaha arc-mussel Status: Status Undefined	Scientific Name: Alasmidonta arcula
Common Name: Lined pocketbook Status: Species of Concern	Scientific Name: Lampsilis binominata
Common Name: Altamaha lance Status: Species of Concern	Scientific Name: Elliptio shepardiana
Common Name: Coosa creekshell Status: Under Review	Scientific Name: Villosa umbrans

#### Group:Conifers and Cycads

Common Name: Carolina hemlock Status: Under Review	Scientific Name: Tsuga caroliniana
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#### Group:Crustaceans

Common Name: Tallapoosa River crayfish Status: Species of Concern	Scientific Name: Cambarus englishi
Common Name: Hiwassee crayfish Status: Species of Concern	Scientific Name: Cambarus hiwasseeensis
Common Name: Chickamauga crayfish Status: Under Review	Scientific Name: Cambarus extraneus
Common Name: Little Tennessee crayfish Status: Under Review	Scientific Name: Cambarus georgiae
Common Name: Dougherty Plain Cave crayfish Status: Under Review	Scientific Name: Cambarus cryptodytes
Common Name: Chauga crayfish Status: Under Review	Scientific Name: Cambarus chaugaensis
Common Name: Conasauga Blue burrower Status: Under Review	Scientific Name: Cambarus cymatilis
Common Name: Piedmont Blue burrower Status: Under Review	Scientific Name: Cambarus harti
Common Name: Chattooga River crayfish Status: Under Review	Scientific Name: Cambarus scotti
Common Name: Beautiful crayfish	Scientific Name: Cambarus speciosus

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for GA State (Continued...)

Status: Under Review

Common Name: Lean crayfish

Scientific Name: *Cambarus strigosus*

Status: Under Review

Common Name: Blackbarred crayfish

Scientific Name: *Cambarus unestami*

Status: Under Review

Common Name: Broad River Burrowing crayfish

Scientific Name: *Distocambarus devexus*

Status: Under Review

Common Name: Coosawattae crayfish

Scientific Name: *Cambarus coosawattae*

Status: Under Review

Common Name: Etowah crayfish

Scientific Name: *Cambarus fasciatus*

Status: Under Review

#### Group: Ferns and Allies

Common Name: Winter quillwort

Scientific Name: *Isoetes hyemalis*

Status: Under Review

Common Name: [Unnamed] spleenwort

Scientific Name: *Asplenium heteroresiliens*

Status: Species of Concern

Common Name: Hornwort

Scientific Name: *Megaceros aenigmaticus*

Status: Under Review

#### Group: Fishes

Common Name: Popeye shiner

Scientific Name: *Notropis ariomus*

Status: Under Review

Common Name: Bridled darter

Scientific Name: *Percina kusha*

Status: Under Review

Common Name: Robust redhorse

Scientific Name: *Moxostoma robustum*

Status: Under Review

Common Name: Holiday darter

Scientific Name: *Etheostoma brevirostrum*

Status: Under Review

Common Name: Frecklebelly madtom

Scientific Name: *Noturus munitus*

Status: Under Review

Common Name: Lake sturgeon

Scientific Name: *Acipenser fulvescens*

Status: Species of Concern

Common Name: Broadstripe shiner

Scientific Name: *Pteronotropis euryzonus*

Status: Under Review

Common Name: Ashy darter

Scientific Name: *Etheostoma cinereum*

Status: Under Review

Common Name: Halloween darter

Scientific Name: *Percina crypta*

Status: Under Review

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for GA State (Continued...)

Common Name: Coldwater darter Status: Species of Concern	Scientific Name: Etheostoma ditrema
Common Name: Flame chub Status: Species of Concern	Scientific Name: Hemitemia flammea
Common Name: Ocmulgee shiner Status: Species of Concern	Scientific Name: Cyprinella callisema
Common Name: Altamaha shiner Status: Status Undefined	Scientific Name: Cyprinella xaenura
Common Name: Highscale shiner Status: Species of Concern	Scientific Name: Notropis hypsilepis
Common Name: Trispot darter Status: Under Review	Scientific Name: Etheostoma trisella

#### Group: Flowering Plants

Common Name: No common name Status: Species of Concern	Scientific Name: Neviusia alabamensis
Common Name: Awned meadowbeauty Status: Species of Concern	Scientific Name: Rhexia aristosa
Common Name: No common name Status: Species of Concern	Scientific Name: Myriophyllum laxum
Common Name: Ciliate-leaf tickseed Status: Under Review	Scientific Name: Coreopsis integrifolia
Common Name: Godfrey's privet Status: Under Review	Scientific Name: Forestiera godfreyi
Common Name: Long Beach seedbox Status: Under Review	Scientific Name: Ludwigia brevipes
Common Name: Spathulate seedbox Status: Under Review	Scientific Name: Ludwigia spathulata
Common Name: Carolina bishopweed Status: Under Review	Scientific Name: Ptilimnium ahlesii
Common Name: Mountain Purple pitcherplant Status: Under Review	Scientific Name: Sarracenia purpurea var. montana
Common Name: Porter's goldenrod Status: Species of Concern	Scientific Name: Solidago porteri
Common Name: Purpuledisk honeycombhead Status: Species of Concern	Scientific Name: Balduina atropurpurea
Common Name: Pineland plantain Status: Species of Concern	Scientific Name: Plantago sparsiflora

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for GA State (Continued...)

Common Name: Variable leaf Indian plaitain Status: Under Review	Scientific Name: Arnoglossum diversifolium
Common Name: Pineland hoary-pea Status: Species of Concern	Scientific Name: Tephrosia mohrii
Common Name: No common name Status: Species of Concern	Scientific Name: Smilax pseudochina
Common Name: [Unnamed] horse-nettle Status: Species of Concern	Scientific Name: Solanum carolinense hirsutum
Common Name: [Unnamed] onion Status: Species of Concern	Scientific Name: Allium speculae
Common Name: Needleleaf waternymph Status: Under Review	Scientific Name: Najas filifolia
Common Name: No common name Status: Species of Concern	Scientific Name: Aureolaria patula
Common Name: Nevius' stonecrop Status: Species of Concern	Scientific Name: Sedum nevii
Common Name: [Unnamed] beaked-rush Status: Species of Concern	Scientific Name: Rhynchospora culixa
Common Name: No common name Status: Species of Concern	Scientific Name: Lotus purshianus helleri
Common Name: Carolina birds-in-a-nest Status: Under Review	Scientific Name: Macbridea caroliniana
Common Name: No common name Status: Species of Concern	Scientific Name: Cephaloziella obtusilobula
Common Name: [Unnamed] sedge Status: Species of Concern	Scientific Name: Carex communis amplisquama
Common Name: No common name Status: Species of Concern	Scientific Name: Zizia trifoliata
Common Name: Coyote-thistle aster Status: Species of Concern	Scientific Name: Eurybia eryngiifolia
Common Name: No common name Status: Species of Concern	Scientific Name: Clinopodium ashei
Common Name: Georgia lead-plant Status: Under Review	Scientific Name: Amorpha georgiana georgiana
Common Name: Franklin tree Status: Species of Concern	Scientific Name: Franklinia alatamaha
Common Name: Shoals spider-lily Status: Species of Concern	Scientific Name: Hymenocallis coronaria

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for GA State (Continued...)

Common Name: Gray's saxifrage Status: Species of Concern	Scientific Name: Saxifraga caroliniana
Common Name: Ocmulgee skullcap Status: Under Review	Scientific Name: Scutellaria ocmulgee
Common Name: Savannah campylopus Status: Species of Concern	Scientific Name: Campylopus carolinae
Common Name: No common name Status: Species of Concern	Scientific Name: Oxypolis ternata
Common Name: Thorne's beaked-rush Status: Under Review	Scientific Name: Rhynchospora thornei
Common Name: Small-headed pipewort Status: Under Review	Scientific Name: Eriocaulon kornickianum
Common Name: Florida hartwrightia Status: Under Review	Scientific Name: Hartwrightia floridana
Common Name: Hall's bullrush Status: Under Review	Scientific Name: Schoenoplectus hallii
Common Name: Piedmont ragwort Status: Species of Concern	Scientific Name: Packera millefolia
Common Name: No common name Status: Species of Concern	Scientific Name: Lejeunea blomquistii
Common Name: Oconee-bells Status: Species of Concern	Scientific Name: Shortia galacifolia
Common Name: [Unnamed] arrowwood Status: Species of Concern	Scientific Name: Viburnum bracteatum
Common Name: [Unnamed] mint Status: Species of Concern	Scientific Name: Dicerandra radfordiana
Common Name: [Unnamed] haw Status: Species of Concern	Scientific Name: Crataegus harbisonii
Common Name: [Unnamed] beaked-rush Status: Species of Concern	Scientific Name: Rhynchospora punctata
Common Name: Drummond's yellow-eyed grass Status: Species of Concern	Scientific Name: Xyris drummondii
Common Name: [Unnamed] beaked-rush Status: Species of Concern	Scientific Name: Rhynchospora decurrens
Common Name: Smooth bog-asphodel Status: Species of Concern	Scientific Name: Tofieldia glabra
Common Name: No common name Status: Species of Concern	Scientific Name: Crataegus triflora

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for GA State (Continued...)

Common Name: Southern meadowrue Status: Under Review	Scientific Name: <i>Thalictrum debile</i>
Common Name: Piedmont barren strawberry Status: Under Review	Scientific Name: <i>Waldsteinia lobata</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Hypericum adpressum</i>
Common Name: Harper's dodder Status: Species of Concern	Scientific Name: <i>Cuscuta harperi</i>
Common Name: Incised groovebur Status: Species of Concern	Scientific Name: <i>Agrimonia incisa</i>
Common Name: Wireleaf dropseed Status: Under Review	Scientific Name: <i>Sporobolus teretifolius</i>
Common Name: Sandhills milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus michauxii</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Thalictrum macrostylum</i>
Common Name: Pickering's morning-glory Status: Species of Concern	Scientific Name: <i>Stylisma pickeringii</i>
Common Name: Barbed rattlesnake root Status: Species of Concern	Scientific Name: <i>Prenanthes barbata</i>

#### Group:Insects

Common Name: American sandburrowing mayfly Status: Species of Concern	Scientific Name: <i>Dolania americana</i>
Common Name: Appalachian snaketail Status: Under Review	Scientific Name: <i>Ophiogomphus incurvatus</i>
Common Name: Alleghany snaketail Status: Under Review	Scientific Name: <i>Ophiogomphus incurvatus alleghaniensis</i>
Common Name: Tapered cave beetle Status: Species of Concern	Scientific Name: <i>Pseudanophthalmus fastigatus</i>
Common Name: Margarita River skimmer Status: Under Review	Scientific Name: <i>Macromia margarita</i>
Common Name: Elusive clubtail Status: Species of Concern	Scientific Name: <i>Stylurus notatus</i>
Common Name: Diana fritillary Status: Species of Concern	Scientific Name: <i>Speyeria diana</i>
Common Name: Eastern beard grass Skipper Status: Species of Concern	Scientific Name: <i>Atrytone arogos arogos</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for GA State (Continued...)

Common Name: [Unnamed] looper moth Status: Species of Concern	Scientific Name: <i>Lytrosia permagnaria</i>
Common Name: Argo ephemereylan mayfly Status: Species of Concern	Scientific Name: <i>Ephemerella argo</i>
Common Name: Wallace's deepwater mayfly Status: Species of Concern	Scientific Name: <i>Spinadis simplex</i>
Common Name: Berner's two-winged mayfly Status: Species of Concern	Scientific Name: <i>Heterocleon berneri</i>
Common Name: Barrens Dagger Moth Status: Species of Concern	Scientific Name: <i>Acronicta albarufa</i>
Common Name: Georgian cave beetle Status: Species of Concern	Scientific Name: <i>Pseudanophthalmus georgiae</i>
Common Name: Tawny crescent Status: Species of Concern	Scientific Name: <i>Phyciodes batesii</i>
Common Name: Blackwater sandfiltering mayfly Status: Species of Concern	Scientific Name: <i>Homoeoneuria dolani</i>
Common Name: Onthophagus tortoise commensal scarab Status: Species of Concern	Scientific Name: <i>Onthophagus polyphemi</i>
Common Name: Black lordithon rove beetle Status: Species of Concern	Scientific Name: <i>Lordithon niger</i>
Common Name: Monarch butterfly Status: Under Review	Scientific Name: <i>Danaus plexippus plexippus</i>
Common Name: Setose Cream and Brown Mottle microcaddisfly Status: Under Review	Scientific Name: <i>Oxyethira setosa</i>
Common Name: Rare skipper Status: Under Review	Scientific Name: <i>Problema bulenta</i>
Common Name: Okefenokee zale moth Status: Species of Concern	Scientific Name: <i>Zale perculata</i>
Common Name: Ford's aphodius scarab Status: Species of Concern	Scientific Name: <i>Aphodius fordii</i>

#### Group:Mammals

Common Name: Blackbeard Island white-tailed deer Status: Species of Concern	Scientific Name: <i>Odocoileus virginianus nigribarb</i>
Common Name: Cumberland pocket gopher Status: Species of Concern	Scientific Name: <i>Geomys cumberlandius</i>
Common Name: Southern Appalachian eastern woodrat Status: Species of Concern	Scientific Name: <i>Neotoma floridana haematorea</i>



## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for GA State (Continued...)

Common Name: Southeastern myotis  
Status: Species of Concern

Scientific Name: *Myotis austroriparius*

#### Group: Reptiles

Common Name: Southern hognose snake  
Status: Under Review

Scientific Name: *Heterodon simus*

Common Name: Mississippi diamondback terrapin  
Status: Species of Concern

Scientific Name: *Malaclemys terrapin pileata*

Common Name: Island glass lizard  
Status: Species of Concern

Scientific Name: *Ophisaurus compressus*

Common Name: Eastern diamondback rattlesnake  
Status: Under Review

Scientific Name: *Crotalus adamanteus*

Common Name: Mimic glass lizard  
Status: Species of Concern

Scientific Name: *Ophisaurus mimicus*

Common Name: Alabama Map turtle  
Status: Under Review

Scientific Name: *Graptemys pulchra*

Common Name: Northern pine snake  
Status: Species of Concern

Scientific Name: *Pituophis melanoleucus melanoleucus*

#### Group: Snails

Common Name: Skirted hornsnail  
Status: Under Review

Scientific Name: *Pleurocera pyrenella*

Common Name: Savannah pebblesnail  
Status: Species of Concern

Scientific Name: *Somatogyrus tenax*

Common Name: Black-crest elimia  
Status: Species of Concern

Scientific Name: *Elimia albanyensis*

Common Name: Upland hornsnail  
Status: Species of Concern

Scientific Name: *Pleurocera showalteri*

Common Name: Beaver pond marstonia  
Status: Species of Concern

Scientific Name: *Pyrgulopsis castor*

Common Name: Spindle elimia  
Status: Species of Concern

Scientific Name: *Elimia capillaris*

Common Name: [Unnamed] hornsnail  
Status: Species of Concern

Scientific Name: *Pleurocera viridulum*

Common Name: Flaxen elimia  
Status: Species of Concern

Scientific Name: *Elimia boykiniana*

Common Name: Boulder snail  
Status: Species of Concern

Scientific Name: *Leptoxis crassa*

Common Name: Ocmulgee marstonia

Scientific Name: *Marstonia agarhecta*

# NATURAL AREAS MAP FINDINGS

## Federal Endangered Species from the U.S. Fish and Wildlife for GA State (Continued...)

Status: Under Review

Common Name: Beaverpond marstonia  
Status: Under Review

Scientific Name: Marstonia castor

Common Name: Reverse pepplesnail  
Status: Under Review

Scientific Name: Somatogyrus alcoviensis

Common Name: Ocmulgee marstonia  
Status: Species of Concern

Scientific Name: Pyrgulopsis agarhcta

Map ID  
Direction  
Distance  
Distance (ft.)

EDR ID  
Database

1  
North  
0-1/8 mi  
0

GANAE000001001  
GA Endangered Species

Common Name: Dwarf Waterdog  
Scientific Name: Necturus punctatus  
GRank: G5  
SRank: S2  
Area Name: Byron, GA, NW  
Animal/Plant: Animal  
Element Group: Amphibians  
Habitat: Sluggish streams with substrate of leaf litter or woody debris  
Last Observed: 2007-05-15

2  
South  
1/8-1/4 mi  
1175

GANAE000000971  
GA Endangered Species

Common Name: Florida Senna  
Scientific Name: Chamaecrista deeringiana  
GRank: G2G4Q  
SRank: S1?  
Area Name: Byron, GA, SW  
Animal/Plant: Plant  
Element Group: Vascular Plants  
Habitat: Sandhill scrub; longleaf pine-wiregrass savannas  
Last Observed: 1915-07

A3  
SE  
1/2-1 mi  
2807

GANACL000004987  
GA Natural Resources Conservation

## NATURAL AREAS MAP FINDINGS

Site Name: 2012048  
Owner: private conservation land with easement or covenant  
Managing Agency: Georgia Land Trust

A4  
SE  
1/2-1 mi  
2808

USNACE100202471  
US NCED

Easement ID: 405  
Site Name: Georgia-Alabama Land Trust Easement #533  
Easement Holder: Georgia-Alabama Land Trust  
Easement Entity: Non-Governmental Organization  
Owner Type: Private  
2nd Easement Holder: Not Reported  
3rd Easement Holder: Not Reported  
Conservation Purpose: Environmental System  
Public Access: Restricted  
Easement Duration: Permanent  
Total Acres: 200  
GAP Category: 2-Managed for biodiversity - disturbance events suppressed  
IUCN Category: Unassigned  
Comments: .  
Report Link: <a href='https://www.conservationeasement.us/adv-search/query/id/926213' target='\_blank'>View Report Page</a>

5  
West  
1/2-1 mi  
3797

GANAE0000001000  
GA Endangered Species

Common Name: Sweet Pitcherplant  
Scientific Name: Sarracenia rubra  
GRank: G4  
SRank: S2  
Area Name: Knoxville, GA, NE  
Animal/Plant: Plant  
Element Group: Vascular Plants  
Habitat: Atlantic white cedar swamps; wet meadows  
Last Observed: 1994-01-01

Common Name: Wading Bird Colony  
Scientific Name: Wading Bird Colony  
GRank: G5  
SRank: SU  
Area Name: Knoxville, GA, NE  
Animal/Plant: Other

## NATURAL AREAS MAP FINDINGS

Element Group:	OTHER ELEMENTS
Habitat:	Georgia habitat information not available
Last Observed:	Not Reported

6  
WSW  
1/2-1 mi  
3974

GANAE000000974  
GA Endangered Species

Common Name:	Florida Senna
Scientific Name:	Chamaecrista deeringiana
GRank:	G2G4Q
SRank:	S1?
Area Name:	Knoxville, GA, SE
Animal/Plant:	Plant
Element Group:	Vascular Plants
Habitat:	Sandhill scrub; longleaf pine-wiregrass savannas
Last Observed:	1915-07

7  
North  
1/2-1 mi  
3993

USNACE100202272  
US NCED

Easement ID:	22
Site Name:	Georgia-Alabama Land Trust Easement #800
Easement Holder:	Georgia-Alabama Land Trust
Easement Entity:	Non-Governmental Organization
Owner Type:	Private
2nd Easement Holder:	Not Reported
3rd Easement Holder:	Not Reported
Conservation Purpose:	Environmental System
Public Access:	Restricted
Easement Duration:	Permanent
Total Acres:	938.172
GAP Category:	4-No known mandate for biodiversity protection
IUCN Category:	Unassigned
Comments:	Not Reported
Report Link:	<a href="https://www.conservationeasement.us/adv-search/query/id/18981" target="_blank">View Report Page</a>

8  
NNW  
1/2-1 mi  
4043

USNACE100202280  
US NCED

## NATURAL AREAS MAP FINDINGS

Easement ID: 22  
Site Name: Georgia-Alabama Land Trust Easement #800  
Easement Holder: Georgia-Alabama Land Trust  
Easement Entity: Non-Governmental Organization  
Owner Type: Private  
2nd Easement Holder: Not Reported  
3rd Easement Holder: Not Reported  
Conservation Purpose: Environmental System  
Public Access: Restricted  
Easement Duration: Permanent  
Total Acres: 938.172  
GAP Category: 4-No known mandate for biodiversity protection  
IUCN Category: Unassigned  
Comments: Not Reported  
Report Link: <a href='https://www.conservationeasement.us/adv-search/query/id/18981' target='\_blank'>View Report Page</a>

# Endangered Species Codes

**Global Imperilment Rank Codes - GRANK:** Priority rank (1-5) based on number of occurrences through element's range.

G1 - Critically imperiled globally because of extreme rarity (5 or fewer occurrences or very few remaining individuals or acres) or because of some factor(s) making it especially vulnerable to extinction.

G2 - Imperiled globally because of rarity (6-20 occurrences or few remaining individuals or acres) or because of some factor(s) making it especially vulnerable to extinction.

G3 - Vulnerable. Either very rare and local throughout its range or found locally (even abundantly at some of its locations) in a restricted range. (e.g., a single western state, a physiographic region in the East) or because of other factors making it vulnerable to extinction throughout its range; in terms of occurrences, in the range of 21 - 100.

G4 - Apparently secure globally, though it may be quite rare in parts of its range, especially at the periphery.

G5 - Demonstrably secure globally, though it may be quite rare in parts of its range, especially at the periphery.

GH - Possibly extinct or eliminated. Of historical occurrence throughout its range, i.e., formerly part of the established biota, with the expectation that it may be rediscovered (e.g., Bachman's Warbler). For historic and ecological communities, no likelihood for rediscovery, but possibility of restoration (e.g., American Chestnut Forest).

GNA - Not applicable to the element at a global level. Includes Hybrids, Invasive species, species of Domestic Origin, Cultural communities, and communities that have been managed.

GNR - Rank not assigned.

GU - Unrankable. Possibly in peril range-wide but status uncertain; more information is needed.

GX - Believed to be extinct throughout range (e.g., Passenger Pigeon) with virtually no likelihood that it will be rediscovered. For an ecological community, no restoration potential.

G#G# - Rank with a range. Used to show the range of uncertainty, will not skip more than 1 rank.

T-RANKS - T subranks are given to global ranks when a subspecies, variety, or race is considered at the state level. The subrank is made up of a "T" plus a number or letter (1, 2, 3, 4, 5, H, U, X) with the same ranking rules as a full species.

**State Rank Codes - SRANK:** Priority rank (1-5) based on number of occurrences through element's range.

S1 - Critically imperiled, Extremely rare. Typically 5 or fewer estimated occurrences in the state, or only a few remaining individuals, may be especially vulnerable to extirpation.

S2 - Imperiled, very rare. Typically between 5 and 20 estimated occurrences or with many individuals in fewer occurrences, often susceptible to becoming extirpated.

S3 - Vulnerable, rare to uncommon. Typically between 21 and 100 estimated occurrences, may have fewer occurrences but with large number of individuals in some populations, may be susceptible to large-scale disturbances.

S4 - Common, apparently secure under present conditions. Typically 100 or more estimated occurrences, but may be fewer with many large populations, may be restricted to only a portion of the state, usually not susceptible to immediate threats.

S5 - Demonstrably widespread, common, and secure in the state and essentially ineradicable under present conditions.

SA - Accidental.

SH - Historically known from the state, but not verified for an extended period, usually 15 years.

SU - Unrankable, not assessed. Possibly in peril in the state, but status uncertain, more information is needed. When possible, the most likely rank is assigned and a question mark is added to show uncertainty.

SX - Apparently extirpated from state.

SNR - Unranked. The state rank not yet assessed.

SRF - Reported falsely in the state.

SE - Exotic for local area.

SZ - Birds that migrate through the state but have no identifiable location.

S#S# - State level of G#G#.

# Endangered Species Codes, (Continued...)

## General Ranking Notes

Q - A "Q" in the global rank indicates the element's taxonomic classification as a species is a matter of conjecture among scientists.

A - Accidental - far outside usual range

C - Captive or Cultivated only

HYB - Element represents an interspecific hybrid, not a species

R - Reported but not confirmed

Z - Zero Occurrences

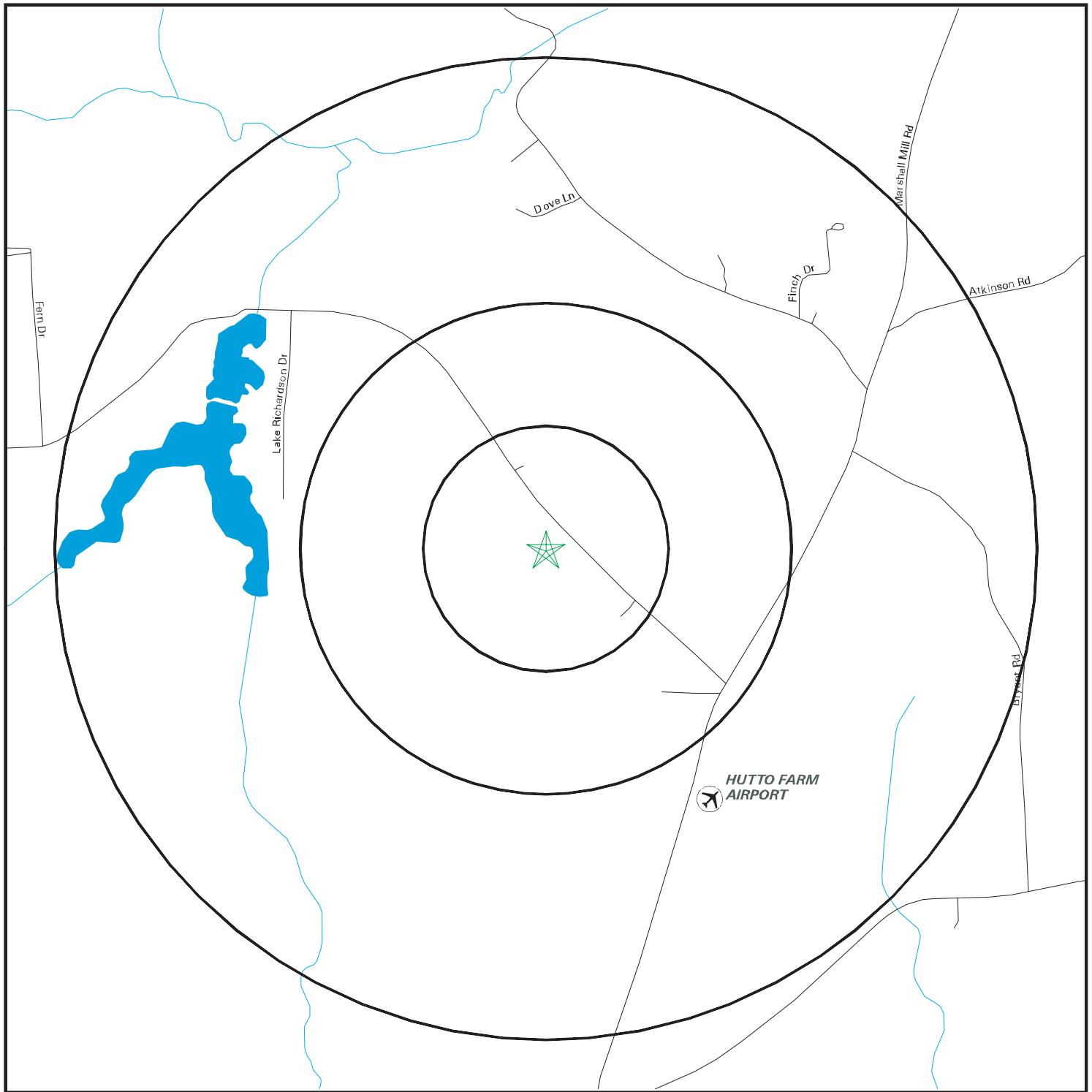
## Breeding Status Qualifiers (animals only)

B - Breeding population of the element

N - Nonbreeding population of the element

M - Migrant population

# Historic Sites Map



- |  |                 |  |                        |
|--|-----------------|--|------------------------|
|  | Target Property |  | Historic Sites         |
|  | Streets         |  | Federal Historic Areas |
|  | County Boundary |  | State Historic Areas   |
|  | Waterways       |  | US Indian Reservations |
|  | Water           |  | Scenic Trail           |
|  | Airports        |  |                        |

SITE NAME: Colbert-Fort Valley GA-2018004  
 ADDRESS: Richardson Mill Road  
 Fort Valley GA 31030  
 LAT/LONG: 32.690728 / 83.862664

CLIENT: Delta Oaks Group  
 CONTACT: Allie Butler  
 INQUIRY #: 5672217.1s  
 DATE: June 4, 2019

TC5672217.1s Page 20 of 46



## HISTORIC SITES MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)

EDR ID  
Database

No mapped sites were found in EDR's search of available government records within the search radius around the target property.

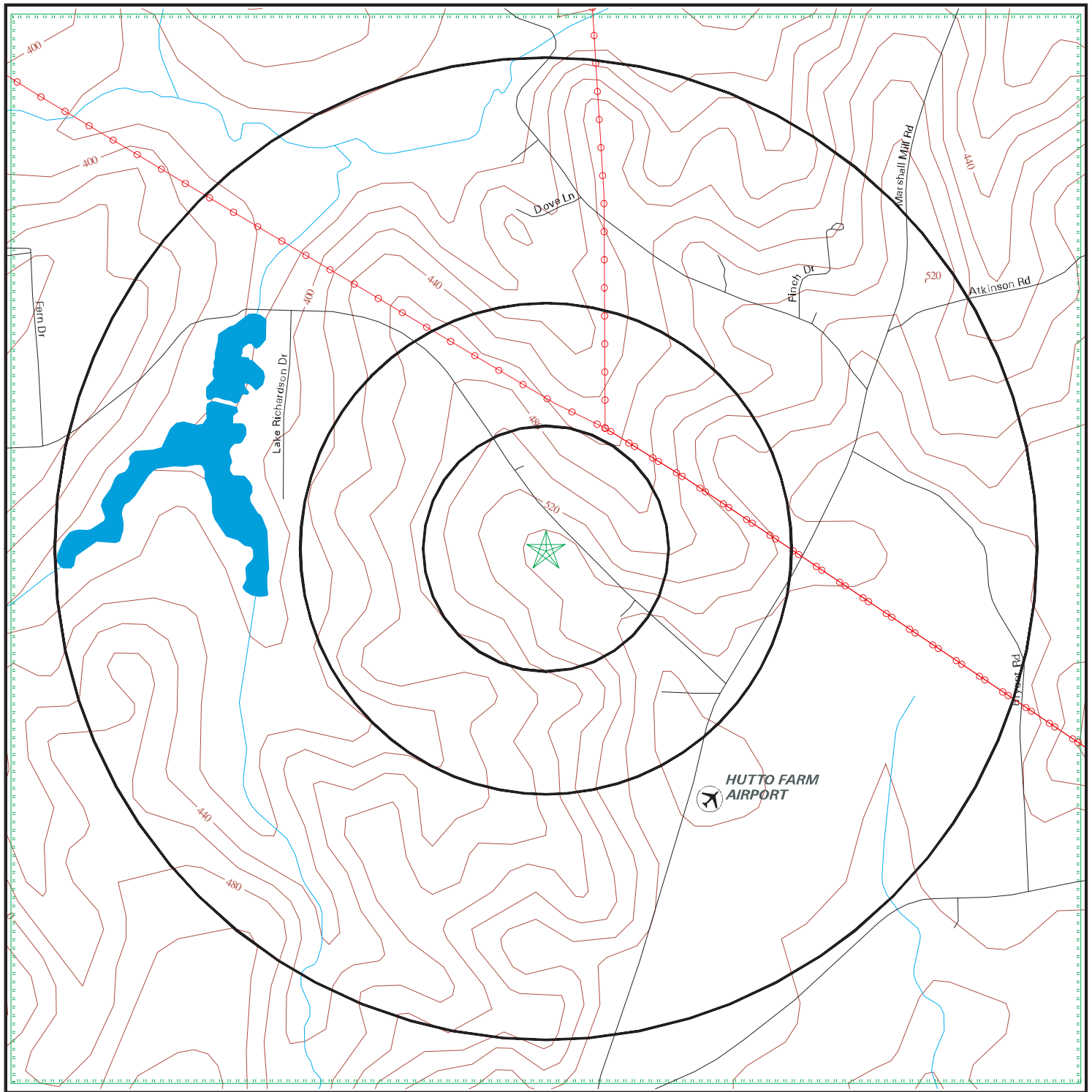
# UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

Status  
EDR ID  
Database

No unmapped sites were found in EDR's search of available government records.

# Flood Plain Map



- |                 |             |                                    |
|-----------------|-------------|------------------------------------|
| Major Roads     | Power Lines | Water                              |
| Contour Lines   | Pipe Lines  | 100-year flood zone                |
| Waterways       | Fault Lines | 500-year flood zone                |
| County Boundary |             | Electronic FEMA data available     |
| Airports        |             | Electronic FEMA data not available |

SITE NAME: Colbert-Fort Valley GA-2018004  
 ADDRESS: Richardson Mill Road  
 Fort Valley GA 31030  
 LAT/LONG: 32.690728 / 83.862664

CLIENT: Delta Oaks Group  
 CONTACT: Allie Butler  
 INQUIRY #: 5672217.1s  
 DATE: June 4, 2019

TC5672217.1s Page 23 of 46

## FLOOD PLAIN MAP FINDINGS

Source: FEMA FIRM Flood Data, FEMA Q3 Flood Data

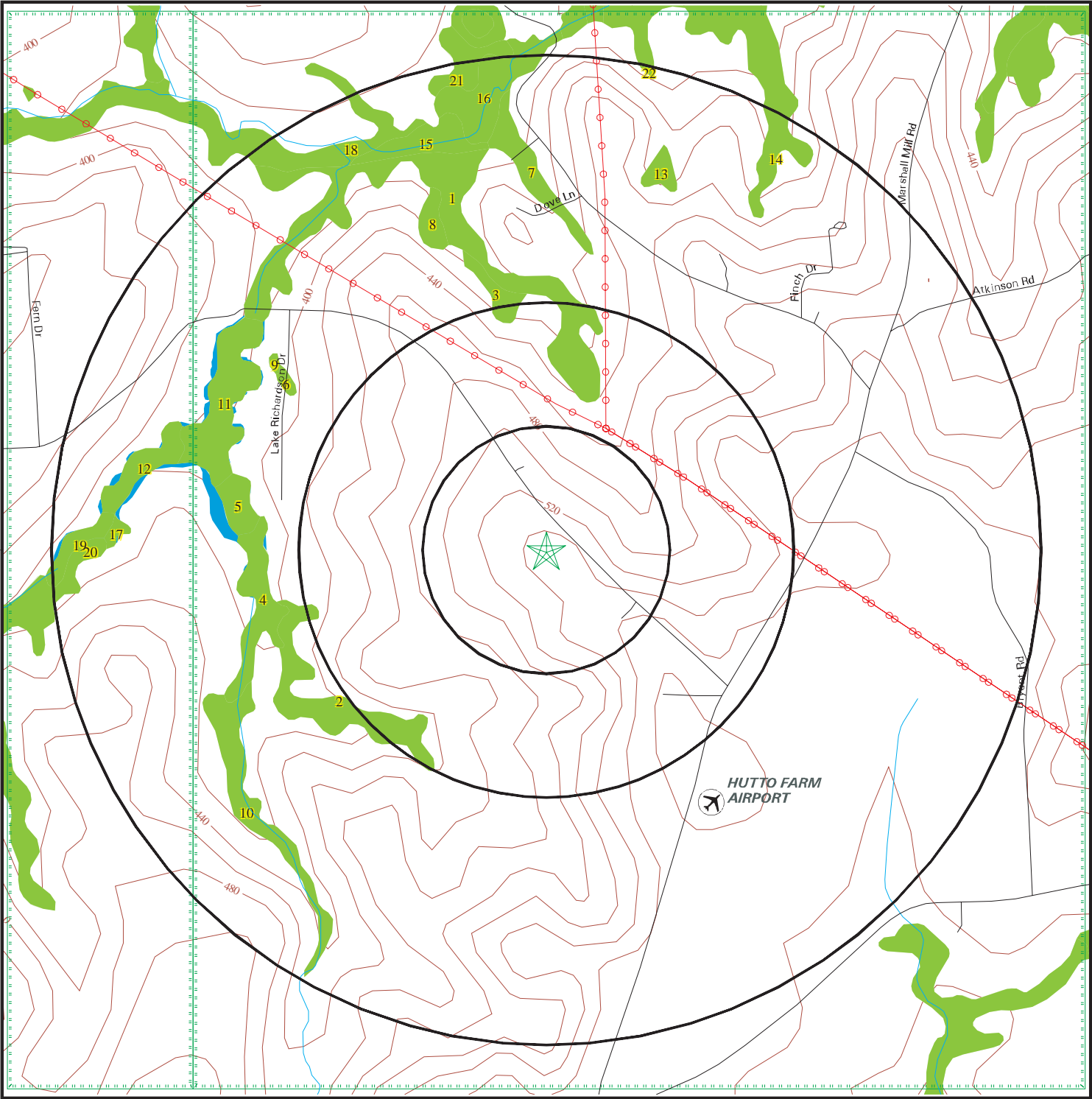
Flood Panel Number	FEMA Source Type
--------------------	------------------






---

Flood Plain panel at target property:  
13225C0025C (FEMA FIRM Flood data)

Additional Flood Plain panel(s) in search area:  
1303020175A (FEMA Q3 Flood data)

National Wetlands Inventory Map





- 

Major Roads






Contour Lines

Waterways

County Boundary

Airports
- 

Power Lines

Fault Lines
- 

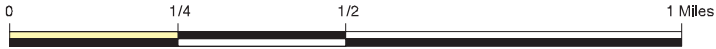
Water

National Wetlands Inventory

State Wetlands

Electronic NWI data available

Electronic NWI data not available



SITE NAME: Colbert-Fort Valley GA-2018004  
ADDRESS: Richardson Mill Road  
Fort Valley GA 31030  
LAT/LONG: 32.690728 / 83.862664

CLIENT: Delta Oaks Group  
CONTACT: Allie Butler  
INQUIRY #: 5672217.1s  
DATE: June 4, 2019



## WETLANDS MAP FINDINGS

Source: Fish and Wildlife Service NWI data

NWI hardcopy map at target property: Byron

Additional NWI hardcopy map(s) in search area:  
Knoxville

Map ID

Direction

Distance

Distance (ft.)

Code and Description\*

Database

1	PFO1/3B	NWI
NNE	[P] Palustrine [FO] Forested [1] Broad-Leaved Deciduous / [3B] Unknown Class	
1/4-1/2 mi		
1632	Lat/Lon: 32.695053 / -83.861267	
2	PFO3/1B	NWI
SW	[P] Palustrine [FO] Forested [3] Broad-Leaved Evergreen / [1B] Unknown Class	
1/4-1/2 mi		
2190	Lat/Lon: 32.685909 / -83.866928	
3	PFO7B	NWI
North	[P] Palustrine [FO] Forested [7] Evergreen [B] Saturated	
1/4-1/2 mi		
2449	Lat/Lon: 32.697369 / -83.863922	
4	PFO1Fb	NWI
WSW	[P] Palustrine [FO] Forested [1] Broad-Leaved Deciduous [F] Semipermanently Flooded	
1/2-1 mi	[b] Beaver	
2814	Lat/Lon: 32.688995 / -83.871574	
5	PEM1Fb	NWI
West	[P] Palustrine [EM] Emergent [1] Persistent [F] Semipermanently Flooded [b] Beaver	
1/2-1 mi		
3071	Lat/Lon: 32.691711 / -83.872574	
6	PFO1Ah	NWI
WNW	[P] Palustrine [FO] Forested [1] Broad-Leaved Deciduous [A] Temporarily Flooded [h]	
1/2-1 mi	Diked/Impounded	
3151	Lat/Lon: 32.695347 / -83.871323	
7	PFO3/1B	NWI
North	[P] Palustrine [FO] Forested [3] Broad-Leaved Evergreen / [1B] Unknown Class	
1/2-1 mi		
3188	Lat/Lon: 32.699387 / -83.861137	
8	PFO7B	NWI
NNW	[P] Palustrine [FO] Forested [7] Evergreen [B] Saturated	
1/2-1 mi		
3388	Lat/Lon: 32.699532 / -83.866241	

\*See Wetland Classification System for additional information.

## WETLANDS MAP FINDINGS

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
9 WNW 1/2-1 mi 3416	PUBHh [P] Palustrine [UB] Unconsolidated Bottom [H] Permanently Flooded [h] Diked/Impounded Lat/Lon: 32.695904 / -83.871925	NWI
10 WSW 1/2-1 mi 3439	PFO3/1B [P] Palustrine [FO] Forested [3] Broad-Leaved Evergreen / [1B] Unknown Class Lat/Lon: 32.686893 / -83.872879	NWI
11 WNW 1/2-1 mi 3447	PUBHh [P] Palustrine [UB] Unconsolidated Bottom [H] Permanently Flooded [h] Diked/Impounded Lat/Lon: 32.694069 / -83.873138	NWI
12 WNW 1/2-1 mi 4005	PEM1Fh [P] Palustrine [EM] Emergent [1] Persistent [F] Semipermanently Flooded [h] Diked/Impounded Lat/Lon: 32.693661 / -83.875198	NWI
13 NNE 1/2-1 mi 4013	PFO7B [P] Palustrine [FO] Forested [7] Evergreen [B] Saturated Lat/Lon: 32.701370 / -83.859268	NWI
14 NNE 1/2-1 mi 4189	PFO3/1B [P] Palustrine [FO] Forested [3] Broad-Leaved Evergreen / [1B] Unknown Class Lat/Lon: 32.700493 / -83.855469	NWI
15 North 1/2-1 mi 4326	PFO1C [P] Palustrine [FO] Forested [1] Broad-Leaved Deciduous [C] Seasonally Flooded Lat/Lon: 32.702469 / -83.864838	NWI
16 North 1/2-1 mi 4394	PSS1Fh [P] Palustrine [SS] Scrub Shrub [1] Broad-Leaved Deciduous [F] Semipermanently Flooded [h] Diked/Impounded Lat/Lon: 32.702675 / -83.864700	NWI
17 West 1/2-1 mi 4434	PFO7B [P] Palustrine [FO] Forested [7] Evergreen [B] Saturated Lat/Lon: 32.691319 / -83.877052	NWI

\*See Wetland Classification System for additional information.

## WETLANDS MAP FINDINGS

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
18 NNW 1/2-1 mi 4610	PFO1A [P] Palustrine [FO] Forested [1] Broad-Leaved Deciduous [A] Temporarily Flooded Lat/Lon: 32.702000 / -83.869492	NWI
19 West 1/2-1 mi 4617	PSS1Fh [P] Palustrine [SS] Scrub Shrub [1] Broad-Leaved Deciduous [F] Semipermanently Flooded [h] Diked/Impounded Lat/Lon: 32.691761 / -83.877609	NWI
20 West 1/2-1 mi 4687	PFO3/1C [P] Palustrine [FO] Forested [3] Broad-Leaved Evergreen / [1C] Unknown Class Lat/Lon: 32.690933 / -83.877892	NWI
21 North 1/2-1 mi 4964	PFO1A [P] Palustrine [FO] Forested [1] Broad-Leaved Deciduous [A] Temporarily Flooded Lat/Lon: 32.704178 / -83.865311	NWI
22 NNE 1/2-1 mi 5150	PFO1A [P] Palustrine [FO] Forested [1] Broad-Leaved Deciduous [A] Temporarily Flooded Lat/Lon: 32.704525 / -83.858955	NWI

\*See Wetland Classification System for additional information.

# WETLANDS CLASSIFICATION SYSTEM

National Wetland Inventory Maps are produced by the U.S. Fish and Wildlife Service, a sub-department of the U.S. Department of the Interior. In 1974, the U.S. Fish and Wildlife Service developed a criteria for wetland classification with four long range objectives:

- to describe ecological units that have certain homogeneous natural attributes,
- to arrange these units in a system that will aid decisions about resource management,
- to furnish units for inventory and mapping, and
- to provide uniformity in concepts and terminology throughout the U.S.

High altitude infrared photographs, soil maps, topographic maps and site visits are the methods used to gather data for the productions of these maps. In the infrared photos, wetlands appear as different colors and these wetlands are then classified by type. Using a hierarchical classification, the maps identify wetland and deepwater habitats according to:

- system
- subsystem
- class
- subclass
- modifiers

(as defined by Cowardin, et al. U.S. Fish and Wildlife Service FWS/OBS 79/31. 1979.)

The classification system consists of five systems:

1. marine
2. estuarine
3. riverine
4. lacustrine
5. palustrine

The marine system consists of deep water tidal habitats and adjacent tidal wetlands. The riverine system consists of all wetlands contained within a channel. The lacustrine systems includes all nontidal wetlands related to swamps, bogs & marshes. The estuarine system consists of deepwater tidal habitats and where ocean water is diluted by fresh water. The palustrine system includes nontidal wetlands dominated by trees and shrubs and where salinity is below .5% in tidal areas. All of these systems are divided in subsystems and then further divided into class.

National Wetland Inventory Maps are produced by transferring gathered data on a standard 7.5 minute U.S.G.S. topographic map. Approximately 52 square miles are covered on a National Wetland Inventory map at a scale of 1:24,000. Electronic data is compiled by digitizing these National Wetland Inventory Maps.

# SYSTEM

## MARINE

### SUBSYSTEM

#### 1 - SUBTIDAL

#### 2 - INTERTIDAL

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	RF-REEF	OW-OPEN WATER / Unknown Bottom	AB-AQUATIC BED	RF-REEF	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 3 Rooted Vascular 5 Unknown Submergent	1 Coral 3 Worm		1 Algal 3 Rooted Vascular 5 Unknown Submergent	1 Coral 3 Worm	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic

# SYSTEM

## E - ESTUARINE

### SUBSYSTEM

#### 1 - SUBTIDAL

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	RF-REEF	OW-OPEN WATER / Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	2 Mollusk 3 Worm	

### SUBSYSTEM

#### 2 - INTERTIDAL

CLASS	AB-AQUATIC BED	RF-REEF	SB - STREAMBED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	EM-EMERGENT	SS-SCRUB SHRUB	FO-FORESTED
Subclass	1 Algal 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	2 Mollusk 3 Worm	1 Cobble- Gravel 2 Sand 3 Mud 4 Organic	1 Bedrock 2 Rubble	1 Cobble- Gravel 2 Sand 3 Mud 4 Organic	1 Persistent 2 Nonpersistent	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen

## SYSTEM

## R - RIVERINE

### SUBSYSTEM

1 - TIDAL	2 - LOWER PERENNIAL	3 - UPPER PERENNIAL	4 - INTERMITTENT	5 - UNKNOWN PERENNIAL			
RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	*SB-STREAMBED	AB-AQUATIC BED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	**EM-EMERGENT	OW-OPEN WATER/ Unknown Bottom
1 Bedrock	1 Cobble-Gravel	1 Bedrock	1 Algal	1 Bedrock	1 Cobble-Gravel	2 Nonpersistent	
2 Rubble	2 Sand	2 Rubble	2 Aquatic Moss	2 Rubble	2 Sand		
	3 Mud	3 Cobble-Gravel	3 Rooted Vascular		3 Mud		
	4 Organic	4 Sand	4 Floating Vascular		4 Organic		
		5 Mud	5 Unknown Submergent		5 Vegetated		
		6 Organic	6 Unknown Surface				
		7 Vegetated					

\* STREAMBED is limited to TIDAL and INTERMITTENT SUBSYSTEMS, and comprises the only CLASS in the INTERMITTENT SUBSYSTEM.

\*\*EMERGENT is limited to TIDAL and LOWER PERENNIAL SUBSYSTEMS.

## SYSTEM

## L - LACUSTRINE

### SUBSYSTEM

#### 1 - LIMNETIC

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	

### SUBSYSTEM

#### 2 - LITTORAL

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	EM-EMERGENT	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	2 Nonpersistent	



## SUBSYSTEM

## P - PALUSTRINE

CLASS	RB--ROCK BOTTOM	UB--UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	US--UNCONSOLIDATED SHORE	ML--MOSS- LICHEN	EM--EMERGENT	SS--SCRUB-SHRUB	FO--FORESTED	OW-OPEN WATER/ Unknown
Bottom									
Subclass	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Cobble-Gravel 2 Sand	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	1 Moss 2 Lichen	1 Persistent 2 Nonpersistent	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6Deciduous 7 Evergreen	

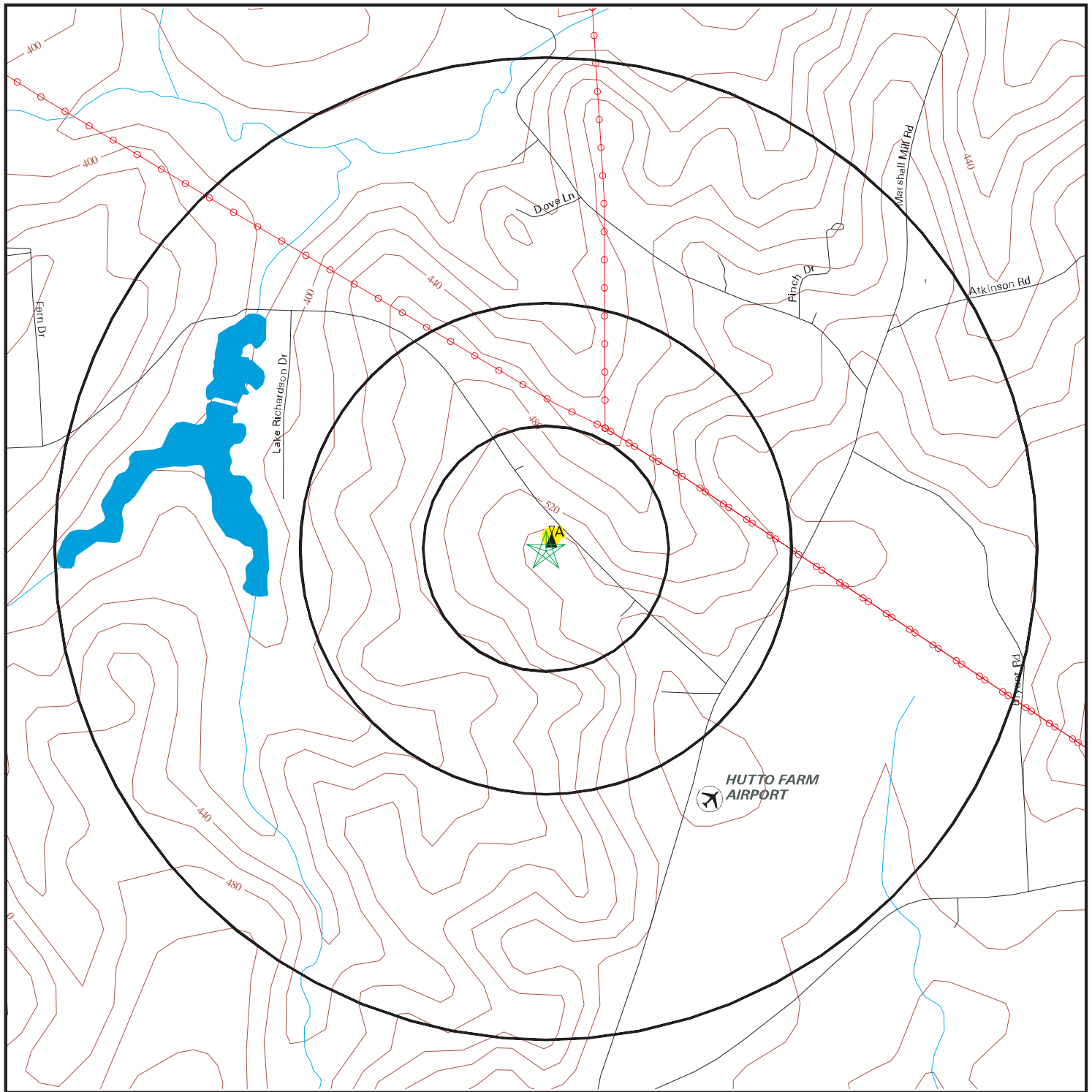
## MODIFIERS

In order to more adequately describe wetland and deepwater habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME				WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS
<b>Non-Tidal</b>	<b>Tidal</b>	<b>Coastal</b>	<b>Halinity</b>	<b>Inland</b>	<b>Salinity</b>	<b>pH</b>	<b>Modifiers</b>	<b>for</b>
A Temporarily Flooded	H Permanently Flooded	K Artificially Flooded	*S Temporary-Tidal	1 Hyperhaline	7 Hypersaline	<b>all Fresh Water</b>		
B Saturated	J Intermittently Flooded	L Subtidal	*R Seasonal-Tidal	2 Euhaline	8 Eusaline	a Acid	g Organic	b Beaver
C Seasonally Flooded	K Artificially Flooded	M Irregularly Exposed	*T Semipermanent -Tidal	3 Mixohaline (Brackish)	9 Mixosaline	t Circumneutral	n Mineral	d Partially Drained/Ditched
D Seasonally Flooded/ Well Drained	W Intermittently Flooded/Temporary	N Regularly Flooded	V Permanent -Tidal	4 Polyhaline	0 Fresh	i Alkaline		f Farmed
E Seasonally Flooded/ Saturated	Y Saturated/Semipermanent/ Seasonal	P Irregularly Flooded	U Unknown	5 Mesohaline				h Diked/Impounded
F Semipermanently Flooded	Z Intermittently Exposed/Permanent	*These water regimes are only used in tidally influenced, freshwater systems.			6 Oligohaline			r Artificial Substrate
G Intermittently Exposed	U Unknown			0 Fresh				s Spoil
								x Excavated

Source: U.S. Department of the Interior  
Fish and Wildlife Service  
National Wetlands Inventory

# FCC & FAA Sites Map



-  Streets
-  Contour Lines
-  County Boundary
-  Waterways
-  Power Lines
-  Water
-  Airports
-  Sites



SITE NAME: Colbert-Fort Valley GA-2018004  
 ADDRESS: Richardson Mill Road  
 Fort Valley GA 31030  
 LAT/LONG: 32.690728 / 83.862664

CLIENT: Delta Oaks Group  
 CONTACT: Allie Butler  
 INQUIRY #: 5672217.1s  
 DATE: June 4, 2019

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# FCC & FAA SITES MAP FINDINGS TOWERS

Map ID  
Direction  
Distance  
Distance (ft.)

EDR ID  
Database

A1  
NNE  
0-1/8 mi  
134

FMT130000014980  
FM\_ANTENNA

Call Sign: WJTG  
Frequency: 91.3 MHz  
Service: FM  
Class: C1  
Status: LIC  
File #: BLED -19890228KA  
Facility ID: 32358  
Licensee: FAMILY LIFE BROADCASTING, INC.

This record is for a license, and it may or may not indicate a site which has been built.

A2  
NNE  
0-1/8 mi  
145

ANT130000015465  
ANTREG

Registration #: 1020366  
File #: A0580296  
Issue Date: 1/8/2008  
Entity: Family Life Broadcasting, Inc.  
Height: 121.9  
Address: RICHARDSON MILLS RD  
FAA Study: 87-ASO-1136-OE  
FAA Circular: 70/7460-1G  
License ID: L00122730  
Contact Name: Michael Brinks  
Contact Address: 7355 N. Oracle Road  
Contact City: Tucson  
Contact State: AZ  
Contact Zip: 85704  
ASR Search: <http://wireless2.fcc.gov/UlsApp/AsrSearch/asrRegistrationSearch.jsp>

This record is for a license, and it may or may not indicate a site which has been built.

## FCC & FAA SITES MAP FINDINGS TOWERS

Map ID  
Direction  
Distance  
Distance (ft.)

EDR ID  
Database

A3  
NNE  
0-1/8 mi  
149

DOF161200071003  
FAA DOF

Obstacle #: 13-001538  
Obstacle Type: TOWER  
Quantity: 1  
Ft Above Ground: 487  
Ft Above Sea Level: 1049  
Verification Status: Unverified  
Lighting: Red  
Horizontal Accuracy: +/- 250 ft  
Vertical Accuracy: +/- 50 ft  
Markings: Marked  
Action: Change  
Action Date: 2014124

## FCC & FAA SITES MAP FINDINGS AIRPORTS

EDR ID  
Database

ARPT003492  
AIRPORTS

Landing Facility Name: HUTTO FARM  
Type: AIRPORT  
Owner Name: TONY & JUDYE SELLIER  
Owner Address: 689 MARSHALL MILL ROAD  
FORT VALLEY, GA 31030  
Manager Name: TONY SELLIER  
Manager Address: 689 MARSHALL MILL ROAD  
FORT VALLEY, GA 31030  
Manager Phone: 680-825-2888  
Elevation (ft): 620  
Aeronautical Chart: ATLANTA

## FCC & FAA SITES MAP FINDINGS POWERLINES

EDR ID  
Database

113777  
POWERLINES

Voltage: 230  
Range: Not Reported  
Hi voltage: 0  
Volt cat: 139-230 kV  
Type: Alternating current  
Status: Active  
Corridor: Multiple lines  
Owner: Southern Company  
Owner id: SO  
Num owners: Single Owner  
Operator: Georgia Power  
Operator id: GPOW  
Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 3.2613104499999999

145103  
POWERLINES

Voltage: 500  
Range: Not Reported  
Hi voltage: 0  
Volt cat: 346-500 kV  
Type: Alternating current  
Status: Active  
Corridor: Multiple lines  
Owner: Southern Company  
Owner id: SO  
Num owners: Single Owner  
Operator: Georgia Power  
Operator id: GPOW  
Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 17.366508889999999

19922  
POWERLINES

Voltage: 230  
Range: Not Reported  
Hi voltage: 0  
Volt cat: 139-230 kV  
Type: Alternating current

## FCC & FAA SITES MAP FINDINGS POWERLINES

EDR ID  
Database

---

Status:	Active
Corridor:	Single line
Owner:	Southern Company
Owner id:	SO
Num owners:	Single Owner
Operator:	Georgia Power
Operator id:	GPOW
Last owner:	Not Reported
Last own id:	Not Reported
Last oper:	Not Reported
Last oper id:	Not Reported
Mileage:	16.241472940000001

---

144095  
POWERLINES

Voltage:	500
Range:	Not Reported
Hi voltage:	0
Volt cat:	346-500 kV
Type:	Alternating current
Status:	Active
Corridor:	Single line
Owner:	Southern Company
Owner id:	SO
Num owners:	Single Owner
Operator:	Georgia Power
Operator id:	GPOW
Last owner:	Not Reported
Last own id:	Not Reported
Last oper:	Not Reported
Last oper id:	Not Reported
Mileage:	18.727999050000001

## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Various Federal laws and executive orders address specific environmental concerns. NEPA requires the responsible offices to integrate to the greatest practical extent the applicable procedures required by these laws and executive orders. EDR provides key contacts at agencies charged with implementing these laws and executive orders to supplement the information contained in this report.

### **NATURAL AREAS**

#### **Wilderness Areas**

##### Government Records Searched in This Report

##### FED\_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks

- Forests

- Monuments

- Wildlife Sanctuaries, Preserves, Refuges

- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

##### US NWP: National Wilderness Preservation System

This map layer consists of National Wilderness Preservation System areas of 320 acres or more, in the United States, Puerto Rico, and the U.S. Virgin Islands. Some established wilderness areas which are larger than 320 acres are not included in this map layer because their boundaries were not available from the owning or administering agency.

Source: U.S. Geological Survey.

Telephone: 888-275-8747

##### Federal Contacts for Additional Information

##### National Park Service, Southeast Region

100 Alabama Street SW, 1924 Building

Atlanta, GA 30303

404-562-3100

##### USDA Forest Service, Southern

1720 Peachtree Road, N.W.

Atlanta, GA 30367

404-347-2384

##### BLM - Eastern States Office

7450 Boston Blvd.

Springfield, VA 22153

703-440-1713

##### BLM - Eastern States Office

7450 Boston Blvd.

Springfield, VA 22153

703-440-1713

##### Fish & Wildlife Service, Fish & Wildlife Region 4

Budget and Finance 1875 Century Boulevard

Atlanta, GA 30345

404-679-4096



## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

### **Wildlife Preserves, Sanctuaries and Refuges**

#### Government Records Searched in This Report

##### **FED\_LAND: Federal Lands**

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks

- Forests

- Monuments

- Wildlife Sanctuaries, Preserves, Refuges

- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

##### **GA Natural Resources Conservation: Natural Resources Conservation Service Lands**

This dataset provides data depicting boundaries of land parcels making up the lands managed by the Natural Resources Conservation Service in Georgia.

Source: Department of Natural Resources.

Telephone: 706-557-3032

##### **GA Fish/Wildlife Lands: Fish and Wildlife Lands**

This dataset provides data depicting boundaries of land parcels making up the lands managed by the Natural Resources Conservation Service in Georgia.

Source: Department of Natural Resources.

Telephone: 706-557-3032

##### **GA Forest Lands: Forest Lands**

This dataset provides data depicting boundaries of land parcels making up the lands managed by the Natural Resources Conservation Service in Georgia.

Source: Department of Natural Resources.

Telephone: 706-557-3032

##### **GA Public Lands: Natural Heritage Program Database**

Locations of rare animals, plants, and natural communities

Source: Department of Natural Resources.

Telephone: 770-918-6411

##### **GA DNR Managed Lands: GA DNR Managed Lands**

This dataset provides data depicting boundaries of land parcels making up the lands managed by the Department of Natural Resources in Georgia.

Source: Department of Natural Resources.

Telephone: 706-557-3033

##### **GA Public Lands: Public Lands**

Polygon representations of National, State and county parks; National and State historic sites; National Wildlife Refuges; National Wilderness Areas; Wildlife Management Areas; Wild and Scenic Areas; archaeological sites; off-road vehicle areas; US Department of Agriculture land; and other areas

Source: Georgia GIS Data Clearinghouse.

Telephone: 706-542-0246

##### **US Critical Water Habitat: US Critical Water Habitat**

When a species is proposed for listing as endangered or threatened under the Endangered Species Act, the U.S.

Fish and Wildlife Service must consider whether there are areas of habitat believed to be essential the species conservation. Those areas may be proposed for designation as critical habitat. Critical habitat is a term defined and used in the Act.

Source: US Fish & Wildlife Services.

Telephone: 970-226-9468

## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

### US Critical Land Habitat: US Critical Land Habitat

When a species is proposed for listing as endangered or threatened under the Endangered Species Act, the U.S. Fish and Wildlife Service must consider whether there are areas of habitat believed to be essential to the species conservation. Those areas may be proposed for designation as critical habitat. Critical habitat is a term defined and used in the Act.

Source: US Fish & Wildlife Services.

Telephone: 970-226-9468

### US Scenic River: National Wild and Scenic River System

National Wild and Scenic Rivers System

Source: USGS National Atlas and the Interagency Wild and Scenic River Coordinating Council.

Telephone: 509-546-8333

### US ACEC: Areas of Critical Environmental Concern Designated Polygons

The designated ACECs are "areas within the public lands where special management attention is required to protect and prevent irreparable damage to important historic, cultural, or scenic values, fish and wildlife resources or other natural systems of processes, or to protect life and safety from natural hazards

Source: Bureau of Land Management.

Telephone: 202-912-7352

### US NCED: National Conservation Easement Database

NCED shows a comprehensive picture of privately owned conservation easement lands in the U.S. The NCED will allow better strategic planning for conservation and development by merging data on land protection with biodiversity and resources, improving ecological and economic plans and investments.

Source: U.S. Endowment for Forestry and Communities.

Telephone: 202-621-1647

### Federal Contacts for Additional Information

Fish & Wildlife Service, Fish & Wildlife Region 4

Budget and Finance 1875 Century Boulevard

Atlanta, GA 30345

404-679-4096

### State Contacts for Additional Information

Dept. of Natural Resources 770-918-6400

### **Wild and scenic rivers**

#### Government Records Searched in This Report

#### FED\_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks

- Forests

- Monuments

- Wildlife Sanctuaries, Preserves, Refuges

- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

### Federal Contacts for Additional Information

Fish & Wildlife Service, Fish & Wildlife Region 4

Budget and Finance 1875 Century Boulevard

Atlanta, GA 30345

404-679-4096

## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

### Endangered Species

#### Government Records Searched in This Report

GA Endangered Species: Rare Species Location Data

Known rare species and natural community EOs (element occurrences) generalized to the county, quarter quad, huc8 and huc10 level.

Source: Department of Natural Resources.

Telephone: 770-918-6411

Federal Endangered Species by County: Threatened and Endangered Species Listing

Endangered, Threatened, Emergency Listing (Endangered), Emergency Listing (Threatened), Experimental Population (Essential), Experimental Population (Non-Essential), Similarity of Appearance (Endangered), Similarity of Appearance (Threatened).

Source: US Fish and Wildlife Services.

Telephone: 800-344-9453

#### Federal Contacts for Additional Information

Fish & Wildlife Service, Fish & Wildlife Region 4

Budget and Finance 1875 Century Boulevard

Atlanta, GA 30345

404-679-4096

#### State Contacts for Additional Information

Natural Heritage Program, Dept. of Natural Resources 706-557-3032

### LANDMARKS, HISTORICAL, AND ARCHEOLOGICAL SITES

#### Historic Places

#### Government Records Searched in This Report

National Register of Historic Places:

The National Register of Historic Places is the official federal list of districts, sites, buildings, structures, and objects significant in American history, architecture, archeology, engineering, and culture. These contribute to an understanding of the historical and cultural foundations of the nation.

The National Register includes:

- All prehistoric and historic units of the National Park System;
- National Historic Landmarks, which are properties recognized by the Secretary of the Interior as possessing national significance; and
- Properties significant in American, state, or local prehistory and history that have been nominated by State Historic Preservation Officers, federal agencies, and others, and have been approved for listing by the National Park Service.

Date of Government Version: 07/19/2015

GA Historic Sites: Historic Places Listing

Listing of historic sites on the State Register

Source: Department of Natural Resources.

Telephone: 770-389-7843

Potomac Heritage National Scenic Trail: Potomac Heritage National Scenic Trail

Source: Potomac Heritage NST Office.

Telephone: 304-535-4014

Natchez Trace National Scenic Trail: Natchez Trace National Scenic Trail

Source: Natchez Trace Parkway.

Telephone: 800-305-7417

Indian Reservations: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Source: USGS.

Telephone: 202-208-3710

## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

### US Trails: US Trails

This dataset contains a baseline inventory and condition assessment of all non-motorized trails on U.S. Fish and Wildlife Service lands as part of the National Trails Inventory Program conducted by the US Dept. of Transportation, Federal Highway Administration, Federal Lands Highway Division.

Source: U.S. Fish and Wildlife.

Telephone: 703-358-2205

### Federal Contacts for Additional Information

Park Service; Advisory Council on Historic Preservation

1849 C Street NW

Washington, DC 20240

Phone: (202) 208-6843

### State Contacts for Additional Information

Historic Preservation Division 404-656-2840

### Indian Religious Sites

#### Government Records Searched in This Report

##### Indian Reservations:

This map layer portrays Indian administrated lands of the United States that have any area equal to or greater than 640 acres.

Source: USGS

Phone: 888-275-8747

Date of Government Version: 12/31/2005

### Federal Contacts for Additional Information

Department of the Interior- Bureau of Indian Affairs

Office of Public Affairs

1849 C Street, NW

Washington, DC 20240-0001

Office: 202-208-3711

Fax: 202-501-1516

### National Association of Tribal Historic Preservation Officers

1411 K Street NW, Suite 700

Washington, DC 20005

Phone: 202-628-8476

Fax: 202-628-2241

### State Contacts for Additional Information

A listing of local Tribal Leaders and Bureau of Indian Affairs Representatives can be found at:

<http://www.doi.gov/bia/areas/agency.html>

## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

### Scenic Trails

#### Government Records Searched in This Report

APPAL\_TRAIL: Appalachian National Scenic Trail

Source: Appalachian Trail Conservancy and National Park Service Appalachian Trail Park Office

Telephone: (304) 535-6278

Appalachian Trail centerline.

#### State Contacts for Additional Information

Appalachian Trail Conference

799 Washington Street P.O. Box 807

Harpers Ferry, WV 25425-0807

(304) 535-6331

### FLOOD PLAIN, WETLANDS AND COASTAL ZONE

#### Flood Plain Management

##### Government Records Searched in This Report

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Phone: 877-336-2627

Date of Government Version: 2003, 2015

##### Federal Contacts for Additional Information

Federal Emergency Management Agency 877-3362-627

##### State Contacts for Additional Information

Georgia Emergency Management Agency 404-635-7000

#### Wetlands Protection

##### Government Records Searched in This Report

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010, and 2015 from the U.S. Fish and Wildlife Service.

Source: U.S. Fish and Wildlife Service.

Phone: 608-238-9333

Date of Government Version: 05/28/2015

##### State Wetlands Data: Wetlands Inventory

Source: Georgia GIS Clearinghouse

Telephone: 706-542-1581

##### Federal Contacts for Additional Information

Fish & Wildlife Service 813-570-5412

##### State Contacts for Additional Information

Dept. of Natural Resources 770-918-6400

## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

### **Coastal Zone Management**

#### Government Records Searched in This Report

##### **CAMA Management Areas**

Dept. of Env., Health & Natural Resources  
919-733-2293

#### Federal Contacts for Additional Information

##### **Office of Ocean and Coastal Resource Management**

N/ORM, SSMC4  
1305 East-West Highway  
Silver Spring, Maryland 20910  
301-713-3102

#### State Contacts for Additional Information

Dept. of Natural Resources, Coastal Resources Division 912-264-7218

#### Government Records Searched in This Report

##### **GA Shoreline of Georgia Atlantic Coast**

U.S. Geological Survey, Center for Coastal and Watershed Studies  
727-803-8747

### **FCC & FAA SITES MAP**

For NEPA actions that come under the authority of the FCC, the FCC requires evaluation of Antenna towers and/or supporting structures that are to be equipped with high intensity white lights which are to be located in residential neighborhoods, as defined by the applicable zoning law.

#### Government Records Searched in This Report

##### **Cellular**

##### **Federal Communications Commission**

445 12th Street, SW  
Washington, DC 20554  
888-225-5322

##### **Antenna Structure Registration**

##### **Federal Communications Commission**

445 12th Street, SW  
Washington, DC 20554  
888-225-5322

##### **AM Antenna**

##### **Federal Communications Commission**

445 12th Street, SW  
Washington, DC 20554  
888-225-5322

##### **FM Antenna**

##### **Federal Communications Commission**

445 12th Street, SW  
Washington, DC 20554  
888-225-5322

##### **FAA Digital Obstacle File**

##### **Federal Aviation Administration (FAA)**

1305 East-West Highway, Station 5631  
Silver Spring, MD 20910-3281  
Telephone: 301-713-2817

Describes known obstacles of interest to aviation users in the US. Used by the Federal Aviation Administration (FAA) and the National Oceanic and Atmospheric Administration to manage the National Airspace System.

## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

### **Airport Landing Facilities**

Federal Aviation Administration  
Telephone (800) 457-6656  
Private and public use landing facilities.

### **Electric Power Transmission Line Data**

PennWell Corporation  
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

### **Excessive Radio Frequency Emission**

For NEPA actions that come under the authority of the FCC, Commission actions granting construction permits, licenses to transmit or renewals thereof, equipment authorizations or modifications in existing facilities, require the determination of whether the particular facility, operation or transmitter would cause human exposure to levels of radio frequency in excess of certain limits.

#### Federal Contacts for Additional Information

Office of Engineering and Technology  
Federal Communications Commission  
445 12th Street SW  
Washington, DC 20554  
Phone: 202-418-2470

### **OTHER CONTACT SOURCES**

#### **NEPA Single Point of Contact**

##### State Contacts for Additional Information

Georgia State Clearinghouse  
270 Washington Street, SW  
Atlanta, GA 30334  
404-656-3855

### **STREET AND ADDRESS INFORMATION**

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## **4.2 DESIGNATED WILDERNESS AREAS**

4.2a NATIONAL WILDERNESS PRESERVATION SYSTEM MAP

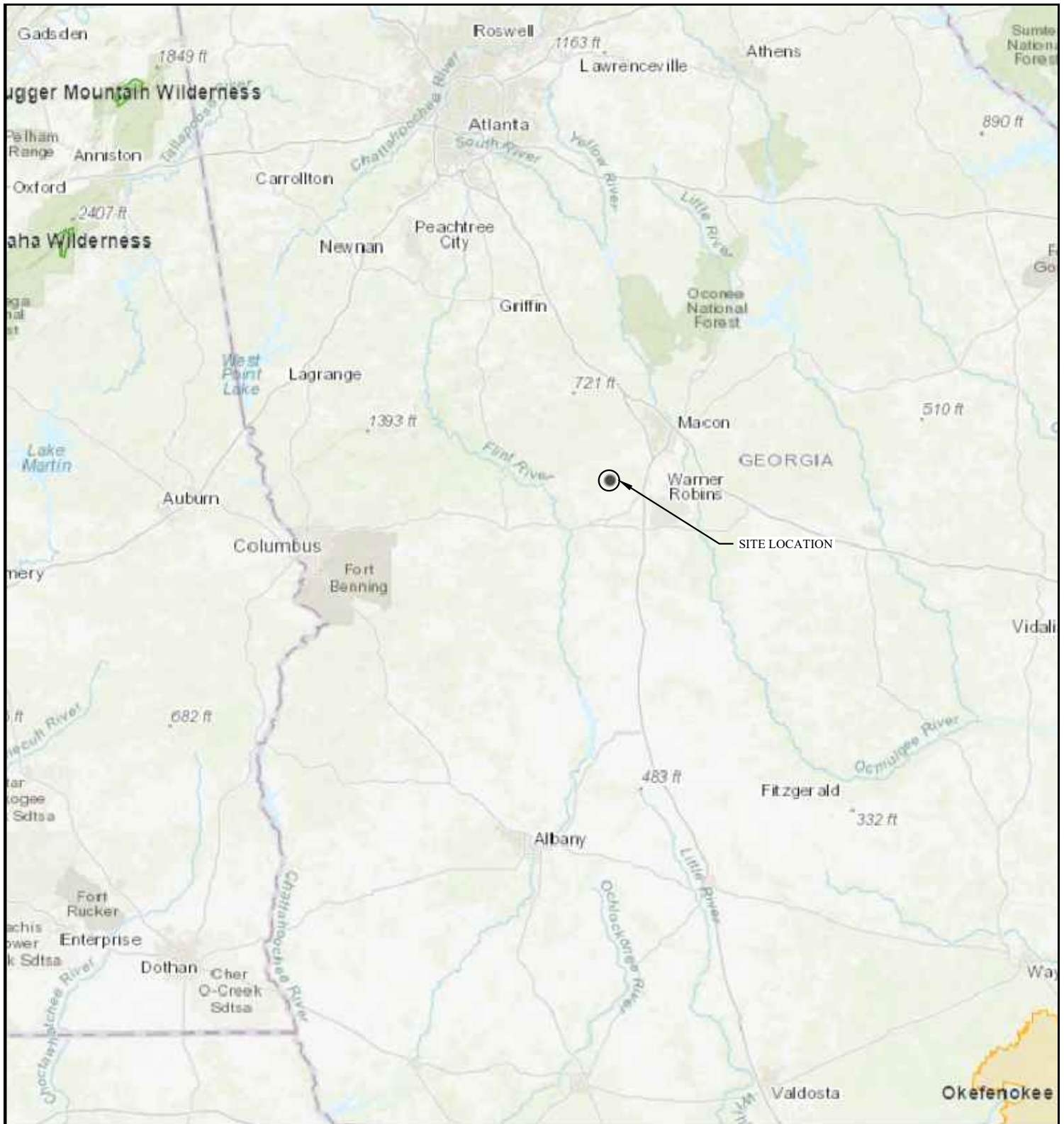
4.2b NATIONAL PARK SERVICE PARKS MAP

4.2c NATIONAL PARK SERVICE FORESTS MAP

4.2d NATIONAL PARK SERVICE SCENIC AND HISTORIC TRAILS MAP

4.2e NATIONAL PARK SERVICE WILD AND SCENIC RIVERS SYSTEM MAP





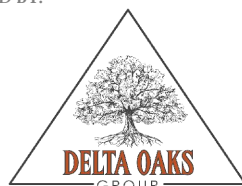
## NATIONAL WILDERNESS PRESERVATION SYSTEM MAP

PREPARED FOR:



GST CAPITAL PARTNERS, LLC  
330 MARSHALL STREET, STE 300  
SHREVEPORT, LA 71101  
PHONE: (318) 614-3369

PREPARED BY:



DELTA OAKS GROUP  
4904 PPROFESSIONAL COURT, SECOND FLOOR  
RALEIGH, NC 27609  
PHONE: (919) 342-8247

### SITE NAME:

COLBERT-FORT VALLEY

### SITE ID:

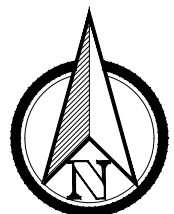
GA-2018004

### SITE ADDRESS:

RICHARDSON MILL ROAD  
FORT VALLEY, GA 31030

### COORDINATES:

LAT: 32° 41' 26.62" N  
LONG: 83° 51' 45.59" W



NORTH



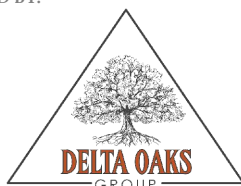
**NATIONAL PARK SERVICE - PARKS MAP**

PREPARED FOR:



GST CAPITAL PARTNERS, LLC  
330 MARSHALL STREET, STE 300  
SHREVEPORT, LA 71101  
PHONE: (318) 614-3369

PREPARED BY:



DELTA OAKS GROUP  
4904 PPROFESSIONAL COURT, SECOND FLOOR  
RALEIGH, NC 27609  
PHONE: (919) 342-8247

**SITE NAME:**

COLBERT-FORT VALLEY

**SITE ID:**

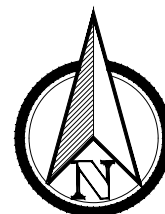
GA-2018004

**SITE ADDRESS:**

RICHARDSON MILL ROAD  
FORT VALLEY, GA 31030

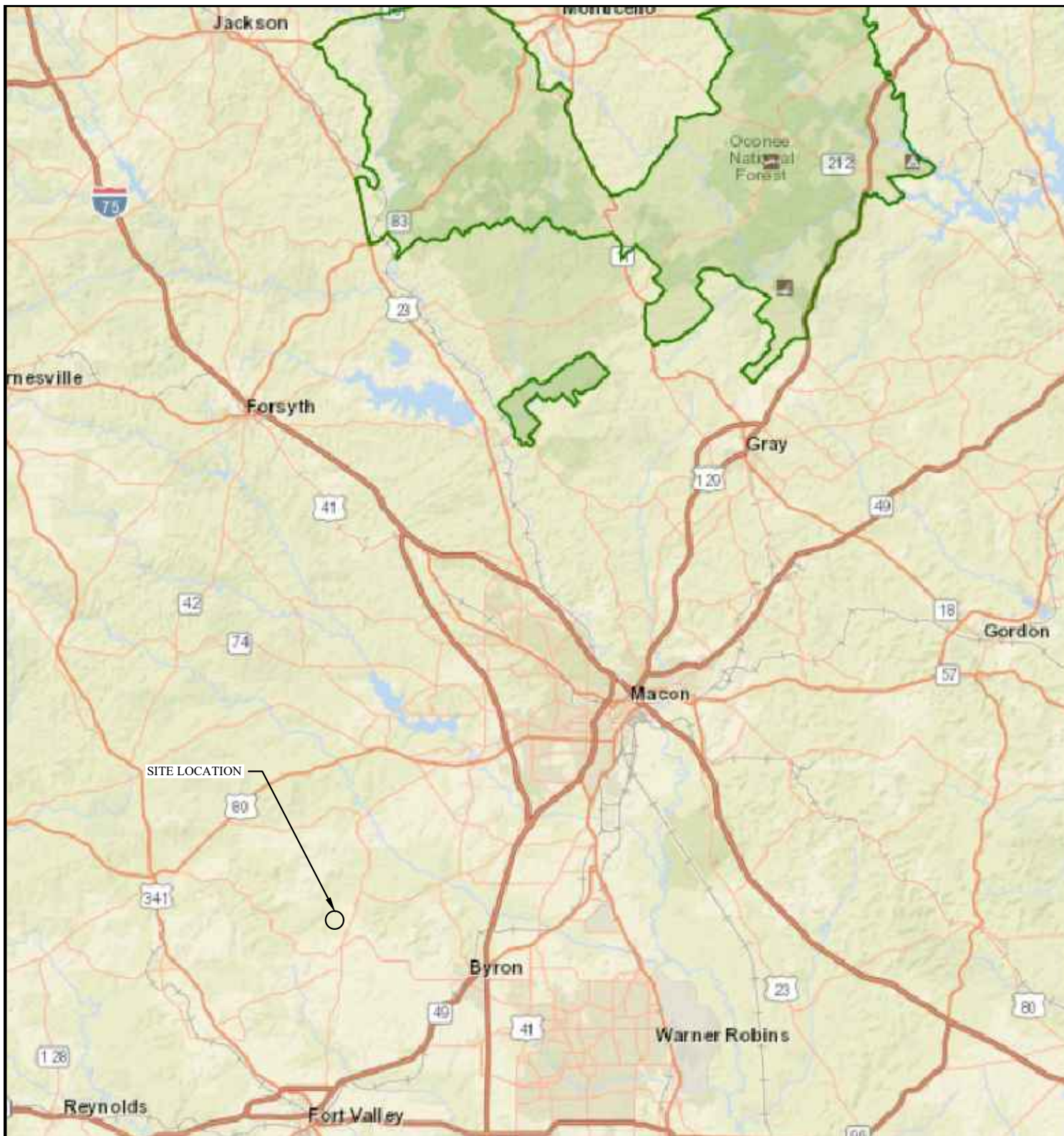
**COORDINATES:**

LAT: 32° 41' 26.62" N  
LONG: 83° 51' 45.59" W



**NORTH**





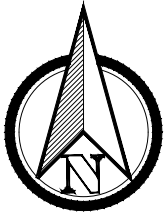
**NATIONAL PARK SERVICE - FORESTS MAP**

**SITE NAME:**  
COLBERT-FORT VALLEY

**SITE ID:**  
GA-2018004

**SITE ADDRESS:**  
RICHARDSON MILL ROAD  
FORT VALLEY, GA 31030

**COORDINATES:**  
LAT: 32° 41' 26.62" N  
LONG: 83° 51' 45.59" W



**NORTH**

PREPARED FOR:



GST CAPITAL PARTNERS, LLC  
330 MARSHALL STREET, STE 300  
SHREVEPORT, LA 71101  
PHONE: (318) 614-3369

PREPARED BY:



DELTA OAKS GROUP  
4904 PPROFESSIONAL COURT, SECOND FLOOR  
RALEIGH, NC 27609  
PHONE: (919) 342-8247



**NATIONAL PARK SERVICE - TRAILS & SCENIC ROUTES**

PREPARED FOR:



GST CAPITAL PARTNERS, LLC  
330 MARSHALL STREET, STE 300  
SHREVEPORT, LA 71101  
PHONE: (318) 614-3369

PREPARED BY:



DELTA OAKS GROUP  
4904 PPROFESSIONAL COURT, SECOND FLOOR  
RALEIGH, NC 27609  
PHONE: (919) 342-8247

**SITE NAME:**

COLBERT-FORT VALLEY

**SITE ID:**

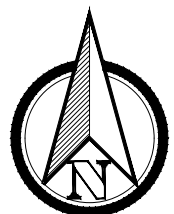
GA-2018004

**SITE ADDRESS:**

RICHARDSON MILL ROAD  
FORT VALLEY, GA 31030

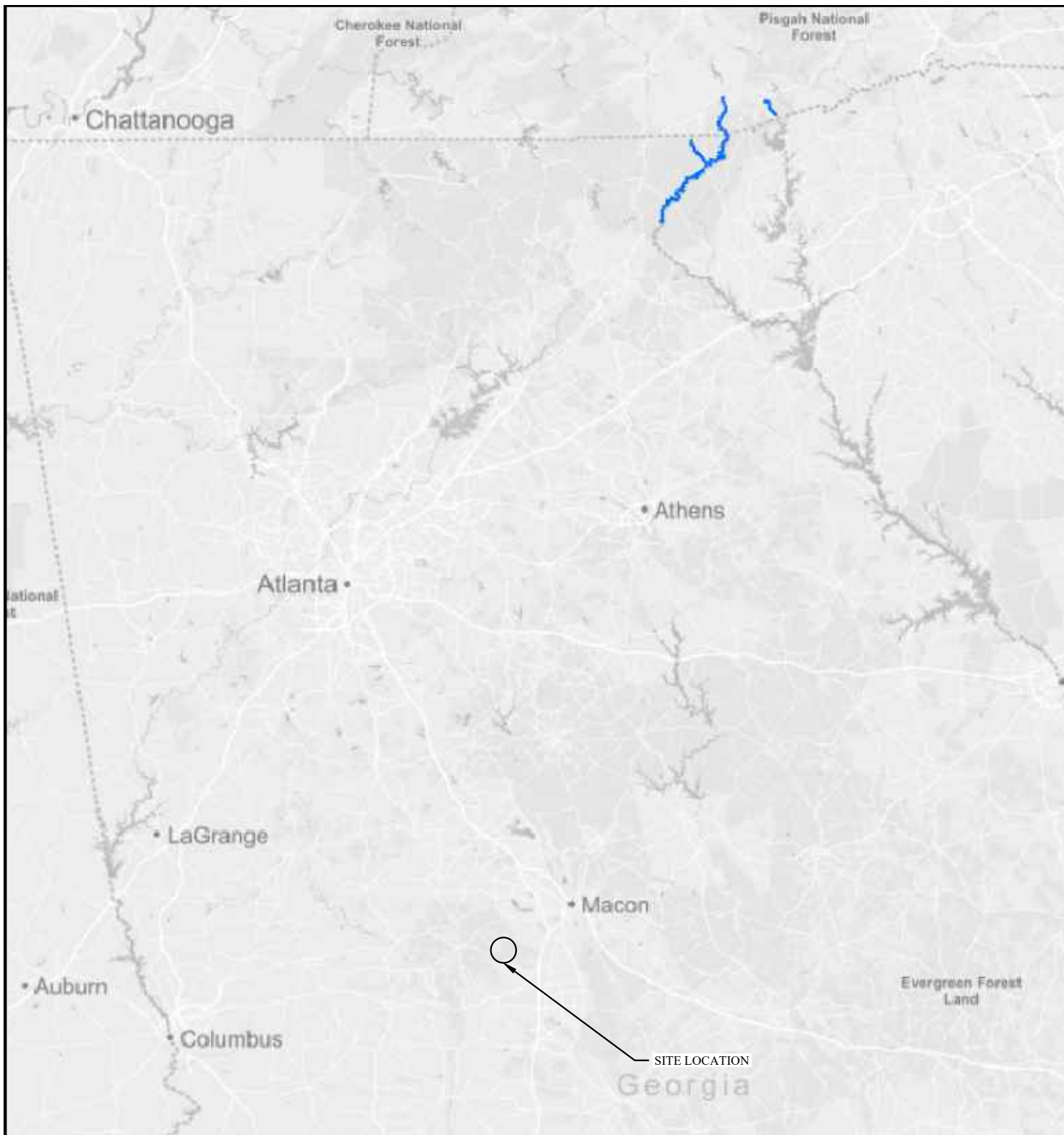
**COORDINATES:**

LAT: 32° 41' 26.62" N  
LONG: 83° 51' 45.59" W



**NORTH**





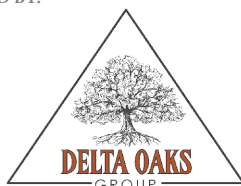
# **NATIONAL PARK SERVICE - WILD & SCENIC RIVERS**

PREPARED FOR:



GST CAPITAL PARTNERS, LLC  
330 MARSHALL STREET, STE 300  
SHREVEPORT, LA 71101  
PHONE: (318) 614-3369

PREPARED BY:



DELTA OAKS GROUP  
4904 PPROFESSIONAL COURT, SECOND FLOOR  
RALEIGH, NC 27609  
PHONE: (919) 342-8247

## **SITE NAME:**

COLBERT-FORT VALLEY

## **SITE ID:**

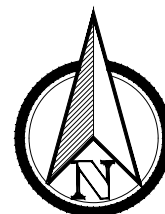
GA-2018004

## **SITE ADDRESS:**

RICHARDSON MILL ROAD  
FORT VALLEY, GA 31030

## **COORDINATES:**

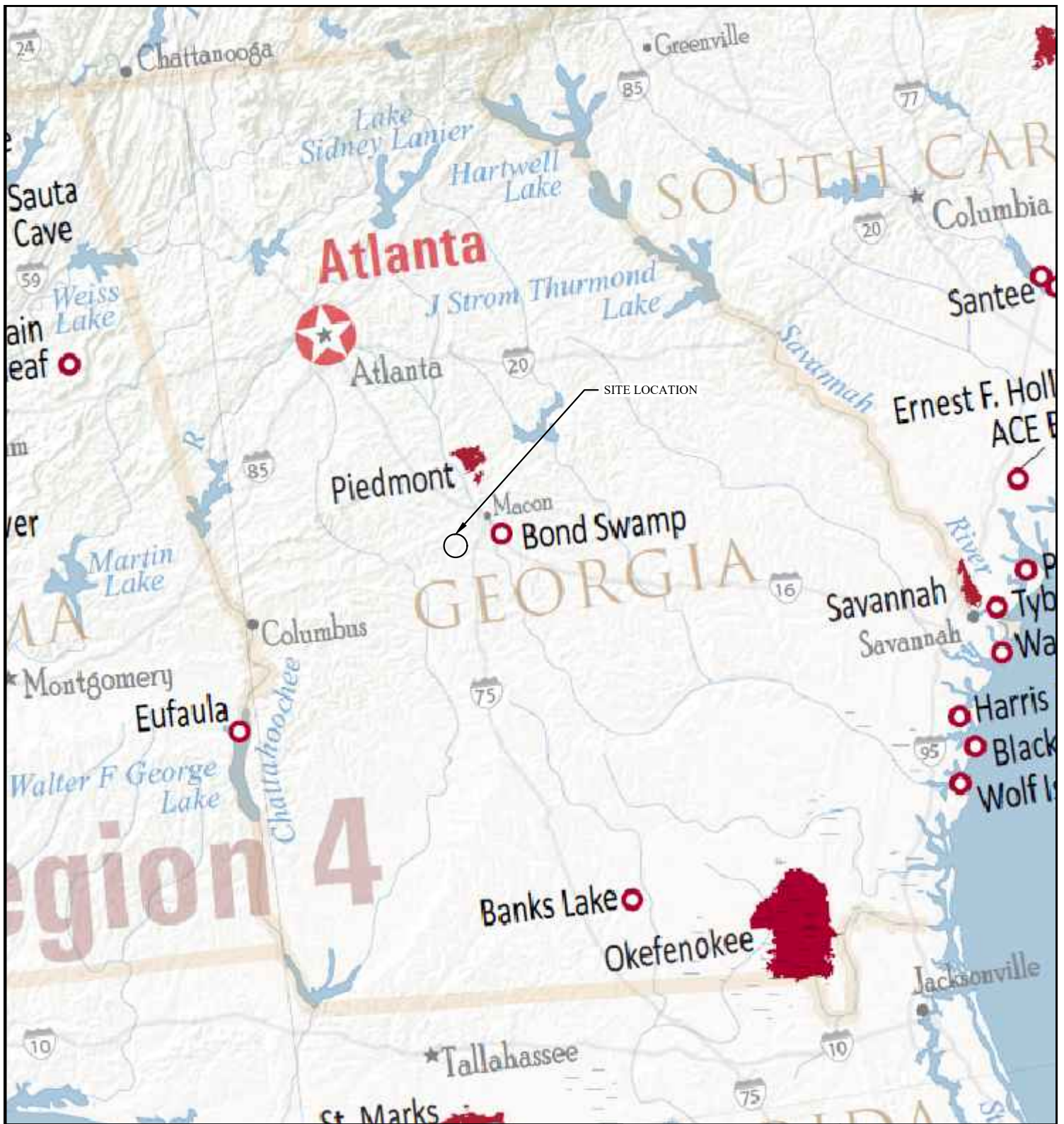
LAT: 32° 41' 26.62" N  
LONG: 83° 51' 45.59" W



**NORTH**

### **4.3 DESIGNATED WILDLIFE PRESERVE**

4.3a US FISH & WILDLIFE SERVICE NATIONAL WILDLIFE REFUGE SYSTEM MAP



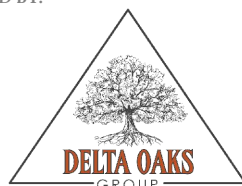
## USFWS - NATIONAL WILDLIFE REFUGE SYSTEM MAP

PREPARED FOR:



GST CAPITAL PARTNERS, LLC  
330 MARSHALL STREET, STE 300  
SHREVEPORT, LA 71101  
PHONE: (318) 614-3369

PREPARED BY:



DELTA OAKS GROUP  
4904 PPROFESSIONAL COURT, SECOND FLOOR  
RALEIGH, NC 27609  
PHONE: (919) 342-8247

### SITE NAME:

COLBERT-FORT VALLEY

### SITE ID:

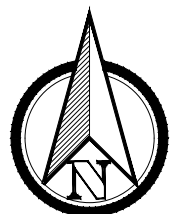
GA-2018004

### SITE ADDRESS:

RICHARDSON MILL ROAD  
FORT VALLEY, GA 31030

### COORDINATES:

LAT: 32° 41' 26.62" N  
LONG: 83° 51' 45.59" W



NORTH

#### **4.4 THREATENED AND ENDANGERED SPECIES**

4.4a THREATENED AND ENDANGERED SPECIES LIST

4.4b NORTH AMERICAN MIGRATORY BIRD FLYWAYS MAP

4.4c US FISH & WILDLIFE SERVICE CRITICAL HABITAT PORTAL MAP

4.4d US FISH & WILDLIFE SERVICE LETTER OF CONCURRENCE



# DELTA OAKS GROUP



June 28, 2019

Georgia Ecological Services  
West Georgia Sub Office  
P.O. Box 52560  
Ft. Benning, GA 31995

Subject: Section 106 Review-Colbert-Fort Valley GA-2018004  
Richardson Mill Road, Fort Valley (Crawford County), Georgia 31030  
Latitude N 32° 41' 26.62", Longitude W 83° 51' 45.59"

To whom it may concern,

Delta Oaks Group, LLC is in the process of completing a NEPA Review at the above referenced property. Our client, GST Capital Partners, LLC, proposes to remove existing 400-foot guyed telecommunications tower, utility rack, and associated ground equipment. GST Capital Partners, LLC will then replace the 400-foot guyed telecommunication tower and associated equipment approximately 25-feet NNW to the existing tower location (to be removed).

Our investigation includes determining if any of the following special resource areas are located at the site.

1. Is the site located in or on a wilderness area or wildlife preserve?
2. Is the site located within a principal migratory bird flyway?
3. Is the site located in or on a designated critical habitat?
4. Does the site sustain any species of plant or animal life that is designated or proposed as threatened or endangered?

Delta Oaks Group (a non-federal representative working on the behalf of the FCC) is requesting concurrence from the USFWS with the finding of "no effect" to threatened and endangered species, critical habitat, or other special resources. If you need additional information or have any questions you may reach me at (919) 342-8247 or [abutler@deltaoaksgroup.com](mailto:abutler@deltaoaksgroup.com). Thank you for your assistance in this regard.

Respectfully,

Allie Butler  
Project Scientist



U. S. Fish and Wildlife Service  
105 West Park Drive, Suite D, Athens, GA 30605  
Phone: 706-613-9493 Fax 706-613-6059

FWS Log No. 2019-TA-2092

Based on the information provided, the proposed action is not expected to significantly impact fish and wildlife resources under the U.S. Fish and Wildlife Service jurisdiction.

Donald W. Imm, Field Supervisor

For: 7-22-2019  
Date

# DELTA OAKS GROUP

---



June 28, 2019

Georgia Ecological Services  
West Georgia Sub Office  
P.O. Box 52560  
Ft. Benning, GA 31995

Subject: Section 106 Review-Colbert-Fort Valley GA-2018004  
Richardson Mill Road, Fort Valley (Crawford County), Georgia 31030  
Latitude N 32° 41' 26.62", Longitude W 83° 51' 45.59"

To whom it may concern,

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1. Is the site located in or on a wilderness area or wildlife preserve?
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3. Is the site located in or on a designated critical habitat?
4. Does the site sustain any species of plant or animal life that is designated or proposed as threatened or endangered?

Delta Oaks Group (a non-federal representative working on the behalf of the FCC) is requesting concurrence from the USFWS with the finding of "no effect" to threatened and endangered species, critical habitat, or other special resources. If you need additional information or have any questions you may reach me at (919) 342-8247 or [abutler@deltaoaksgroup.com](mailto:abutler@deltaoaksgroup.com). Thank you for your assistance in this regard.

Respectfully,

Allie Butler  
Project Scientist



## INFORMAL BIOLOGICAL ASSESSMENT

Colbert-Fort Valley GA-2018004

Richardson Mill Road, Fort Valley (Crawford County), Georgia 31030

Latitude N 32° 41' 26.62", Longitude W 83° 51' 45.59"

Delta Oaks Group Project ENV19-03489

Delta Oaks Group performed an Informal Biological Assessment for the Subject Property defined in the "Site Location and Legal Description" section of this assessment. The purpose is to document whether the proposed undertaking will affect listed or proposed threatened or endangered species, designated critical habitats, wetlands, and migratory birds. A project description, National Wetland Inventory (NWI) map, and a survey are included in this report. A representative from Delta Oaks Group conducted a desktop review of the Subject Property including the parent parcel.

### SITE LOCATION AND LEGAL DESCRIPTION

The Subject Property is contained within the approximate 178-acre parent parcel located at Richardson Mill Road, Fort Valley (Crawford County), Georgia. The project site consists of an existing 400-foot guyed telecommunications tower that is accessed by an existing gravel access drive extending to Richardson Mill Road. GST Capital Partners proposes to remove existing guyed tower and construct a fenced compound containing a 400-foot guyed telecommunication tower, utility rack, and associated ground equipment located approximately 25 feet northwest of the existing tower (to be removed). The latitude and longitude of the proposed telecommunications tower, as provided by our client, are 32° 41' 26.62" N, 83° 51' 45.59" W.

### SITE DESCRIPTION, CURRENT AND PAST USE OF PROPERTY

The project site is located in a predominantly rural area of Crawford County, Georgia, that is comprised mainly of agricultural fields, commercial, and residential uses. The Subject Property currently consists of an existing guy tower surrounded by wooded land. Access to the project site is off of Richardson Mill Road, located to the northeast of the Subject Property.

### WETLANDS

Based on the review of National Wetlands Inventory (NWI) mapping, obtained from the United States Fish and Wildlife Services on-line mapper, and the information supplied in the EDR Report (not included), the Subject Property does not contain nor is it located in a nationally or state recognized wetlands area. The delineation of possible wetlands was not within the scope of services of this assessment nor does Delta Oaks Group make any claims as to the presence or absence of wetlands that may not be shown on NWI mapping.

### MIGRATORY BIRDS

The proposed site location and design process for this project could not conform to all the USFWS recommendations to decrease potential effects on migratory birds. Therefore, it has included mitigating factors such as tower placement within minimally sensitive areas, avoiding placement near wetlands and large water bodies, and eliminating the need for guy wires or FAA obstruction lighting. Based on our desktop assessment of the Subject Property, it was determined that the proposed lease area is not located in an NWI mapped wetland, native grassland or forest area, ridge-line, coastline or area commonly known to have high

incidences of fog or low clouds, where migratory birds may be found. Based upon the efforts undertaken during this IBA as well as the current data made available, we have concluded that this project will not have a significant effect on migratory birds; however, the presence of migratory birds cannot be ruled out.

## ENDANGERED OR THREATENED SPECIES

Delta Oaks Group has researched the listed of proposed threatened and endangered species and designated critical habitat for the project area. This includes any such species that have been reported to exist within the state where the project is located. The list of federally threatened or endangered species was acquired through the U.S. Fish and Wildlife Service's Information, Planning, and Consultation system (IPaC).

The lease area is not located within an aquatic environment; therefore, aquatic species should not be directly impacted by this project and are not included in the table below. A list of remaining species (endangered or threatened) and site observations are summarized in the following table:

ENDANGERED OR THREATENED SPECIES			
SPECIES NAME	HABITAT DESCRIPTION	RECOMMENDATION OF EFFECT	COMMENTS
Gopher tortoise ( <i>Gopherus polyphemus</i> )	Well-drained sandy areas with a sparse tree canopy and abundant low growing vegetation as sandhill, pine flatwoods, and pine-mixed hardwoods.	No Effect	Habitat assessment indicated no potential habitat present
Relict trillium ( <i>Trillium reliquum</i> )	Mature hardwood forests in rich ravines and on-stream terraces; over calcium-rich bedrock such as amphibolite or limestone.	No Effect	Habitat assessment indicated no potential habitat present

## CONCLUSIONS

Based on the efforts undertaken during our IBA, project specifications and the current data made available, we have concluded that there are no adverse impacts to listed and/or proposed, threatened and endangered species or critical habitats.

*It should be noted that this informal biological assessment was conducted in accordance with the Scope of Work and does not constitute a Section 7 Biological Assessment under the Endangered Species Act (50 CFR Part 402.01).*

Prepared By:



Allie Butler  
Project Scientist





## NORTH AMERICAN MIGRATORY BIRD FLYWAYS MAP

PREPARED FOR:



GST CAPITAL PARTNERS, LLC  
330 MARSHALL STREET, STE 300  
SHREVEPORT, LA 71101  
PHONE: (318) 614-3369

PREPARED BY:



DELTA OAKS GROUP  
4904 PPROFESSIONAL COURT, SECOND FLOOR  
RALEIGH, NC 27609  
PHONE: (919) 342-8247

**SITE NAME:**

COLBERT-FORT VALLEY

**SITE ID:**

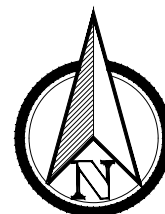
GA-2018004

**SITE ADDRESS:**

RICHARDSON MILL ROAD  
FORT VALLEY, GA 31030

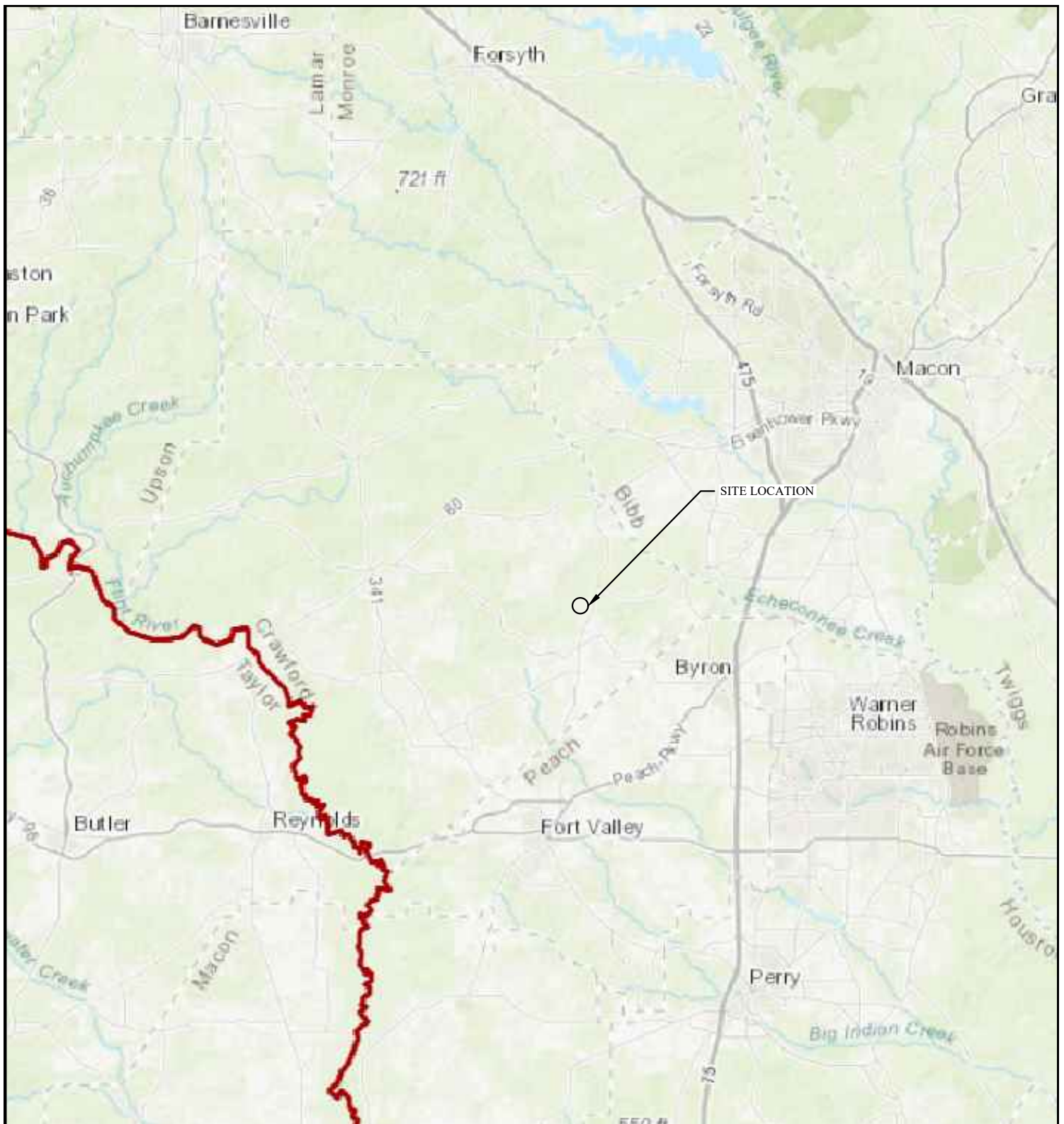
**COORDINATES:**

LAT: 32° 41' 26.62" N  
LONG: 83° 51' 45.59" W



**NORTH**





# USFWS - CRITICAL HABITAT MAP

PREPARED FOR:



GST CAPITAL PARTNERS, LLC  
330 MARSHALL STREET, STE 300  
SHREVEPORT, LA 71101  
PHONE: (318) 614-3369

PREPARED BY:



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PHONE: (919) 342-8247

## SITE NAME:

COLBERT-FORT VALLEY

## SITE ID:

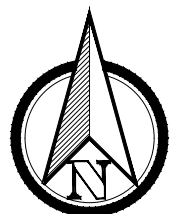
GA-2018004

## SITE ADDRESS:

RICHARDSON MILL ROAD  
FORT VALLEY, GA 31030

## COORDINATES:

LAT: 32° 41' 26.62" N  
LONG: 83° 51' 45.59" W



NORTH

**4.5 SECTION 106 REVIEW EXEMPTION**

4.5a *NATIONWIDE PROGRAMMATIC AGREEMENT FOR REVIEW UNDER THE  
NATIONAL HISTORIC PRESERVATION ACT; 47 CFR PART 1 APPENDIX C*

4.5b *EXISTING TOWER CONSTRUCTION CORRESPONDENCE*

signatories will consult to consider the amendments. This agreement may be amended only upon the written concurrence of the signatories.

#### IX. Termination

A. If the FCC determines that it cannot implement the terms of this Nationwide Collocation Programmatic Agreement, or if the FCC, NCSHPO or the Council determines that the Programmatic Agreement is not being properly implemented by the parties to this Programmatic Agreement, the FCC, NCSHPO or the Council may propose to the other signatories that the Programmatic Agreement be terminated.

B. The party proposing to terminate the Programmatic Agreement shall notify the other signatories in writing, explaining the reasons for the proposed termination and the particulars of the asserted improper implementation. Such party also shall afford the other signatories a reasonable period of time of no less than thirty (30) days to consult and remedy the problems resulting in improper implementation. Upon receipt of such notice, the parties shall consult with each other and notify and consult with other entities that are either involved in such implementation or that would be substantially affected by termination of this Agreement, and seek alternatives to termination. Should the consultation fail to produce within the original remedy period or any extension, a reasonable alternative to termination, a resolution of the stated problems, or convincing evidence of substantial implementation of this Agreement in accordance with its terms, this Programmatic Agreement shall be terminated thirty days after notice of termination is served on all parties and published in the **Federal Register**.

C. In the event that the Programmatic Agreement is terminated, the FCC shall advise its licensees and tower construction companies of the termination and of the need to comply with any applicable Section 106 requirements on a case-by-case basis for collocation activities.

#### X. Annual Meeting of the Signatories

The signatories to this Nationwide Collocation Programmatic Agreement will meet on or about September 10, 2001, and on or about September 10 in each subsequent year, to discuss the effectiveness of this Agreement, including any issues related to improper implementation, and to discuss any potential amendments that would improve the effectiveness of this Agreement.

#### XI. Duration of the Programmatic Agreement

This Programmatic Agreement for collocation shall remain in force unless the Programmatic Agreement is terminated or superseded by a comprehensive Programmatic Agreement for wireless communications antennas.

Execution of this Nationwide Programmatic Agreement by the FCC, NCSHPO and the Council, and implementation of its terms, evidence that the FCC has afforded the Council an opportunity to comment on the collocation as described herein of antennas covered under the FCC's rules, and that the FCC has taken

into account the effects of these collocations on historic properties in accordance with Section 106 of the National Historic Preservation Act and its implementing regulations, 36 CFR Part 800. Federal Communications Commission

Date: \_\_\_\_\_  
Advisory Council on Historic Preservation

Date: \_\_\_\_\_  
National Conference of State Historic Preservation Officers

Date: \_\_\_\_\_

■ 4. Appendix C to Part 1 is added to read as follows:

#### Appendix C to Part 1—Nationwide Programmatic Agreement Regarding the Section 106 National Historic Preservation Act Review Process

##### Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission

Executed by the Federal Communications Commission, the National Conference of State Historic Preservation Officers and the Advisory Council on Historic Preservation  
September 2004

##### Introduction

*Whereas*, Section 106 of the National Historic Preservation Act of 1966, as amended ("NHPA") (codified at 16 U.S.C. 470f), requires federal agencies to take into account the effects of certain of their Undertakings on Historic Properties (see Section II, below), included in or eligible for inclusion in the National Register of Historic Places ("National Register"), and to afford the Advisory Council on Historic Preservation ("Council") a reasonable opportunity to comment with regard to such Undertakings; and

*Whereas*, under the authority granted by Congress in the Communications Act of 1934, as amended (47 U.S.C. 151 *et seq.*), the Federal Communications Commission ("Commission") establishes rules and procedures for the licensing of non-federal government communications services, and the registration of certain antenna structures in the United States and its Possessions and Territories; and

*Whereas*, Congress and the Commission have deregulated or streamlined the application process regarding the construction of individual Facilities in many of the Commission's licensed services; and

*Whereas*, under the framework established in the Commission's environmental rules, 47 CFR 1.1301–1.1319, Commission licensees and applicants for authorizations and antenna structure registrations are required to prepare, and the Commission is required to independently review and approve, a pre-construction Environmental Assessment ("EA") in cases where a proposed tower or antenna may significantly affect the environment, including situations where a

proposed tower or antenna may affect Historic Properties that are either listed in or eligible for listing in the National Register, including properties of religious and cultural importance to an Indian tribe or Native Hawaiian organization ("NHO") that meet the National Register criteria; and

*Whereas*, the Council has adopted rules implementing Section 106 of the NHPA (codified at 36 CFR Part 800) and setting forth the process, called the "Section 106 process," for complying with the NHPA; and

*Whereas*, pursuant to the Commission's rules and the terms of this Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission ("Nationwide Agreement"), Applicants (see Section II.A.2) have been authorized, consistent with the terms of the memorandum from the Council to the Commission, titled "Delegation of Authority for the Section 106 Review of Telecommunications Projects," dated September 21, 2000, to initiate, coordinate, and assist the Commission with compliance with many aspects of the Section 106 review process for their Facilities; and

*Whereas*, in August 2000, the Council established a Telecommunications Working Group (the "Working Group") to provide a forum for the Commission, the Council, the National Conference of State Historic Preservation Officers ("Conference"), individual State Historic Preservation Officers ("SHPOs"), Tribal Historic Preservation Officers ("THPOs"), other tribal representatives, communications industry representatives, and other interested members of the public to discuss improved Section 106 compliance and to develop methods of streamlining the Section 106 review process; and

*Whereas*, Section 214 of the NHPA (16 U.S.C. 470v) authorizes the Council to promulgate regulations implementing exclusions from Section 106 review, and Section 800.14(b) of the Council's regulations (36 CFR 800.14(b)) allows for programmatic agreements to streamline and tailor the Section 106 review process to particular federal programs, if they are consistent with the Council's regulations; and

*Whereas*, the Commission, the Council, and the Conference executed on March 16, 2001, the Nationwide Programmatic Agreement for the Collocation of Wireless Antennas (the "Collocation Agreement"), in order to streamline review for the collocation of antennas on existing towers and other structures and thereby reduce the need for the construction of new towers (Attachment 1 to this Nationwide Agreement); and

*Whereas*, the Council, the Conference, and the Commission now agree it is desirable to further streamline and tailor the Section 106 review process for Facilities that are not excluded from Section 106 review under the Collocation Agreement while protecting Historic Properties that are either listed in or eligible for listing in the National Register; and

*Whereas*, the Working Group agrees that a nationwide programmatic agreement is a desirable and effective way to further streamline and tailor the Section 106 review process as it applies to Facilities; and



*Whereas*, this Nationwide Agreement will, upon its execution by the Council, the Conference, and the Commission, constitute a substitute for the Council's rules with respect to certain Commission Undertakings; and

*Whereas*, the Commission sought public comment on a draft of this Nationwide Agreement through a Notice of Proposed Rulemaking released on June 9, 2003;

*Whereas*, the Commission has actively sought and received participation and comment from Indian tribes and NHOs regarding this Nationwide Agreement; and

*Whereas*, the Commission has consulted with federally recognized Indian tribes regarding this Nationwide Agreement (*see* Report and Order, FCC 04–222, at ¶ 31); and

*Whereas*, this Nationwide Agreement provides for appropriate public notification and participation in connection with the Section 106 process; and

*Whereas*, Section 101(d)(6) of the NHPA provides that federal agencies “shall consult with any Indian tribe or Native Hawaiian organization” that attaches religious and cultural significance to properties of traditional religious and cultural importance that may be determined to be eligible for inclusion in the National Register and that might be affected by a federal undertaking (16 U.S.C. 470a(d)(6)); and

*Whereas*, the Commission has adopted a “Statement of Policy on Establishing a Government-to-Government Relationship with Indian Tribes” dated June 23, 2000, pursuant to which the Commission: recognizes the unique legal relationship that exists between the federal government and Indian tribal governments, as reflected in the Constitution of the United States, treaties, federal statutes, Executive orders, and numerous court decisions; affirms the federal trust relationship with Indian tribes, and recognizes that this historic trust relationship requires the federal government to adhere to certain fiduciary standards in its dealings with Indian tribes; commits to working with Indian tribes on a government-to-government basis consistent with the principles of tribal self-governance; commits, in accordance with the federal government's trust responsibility, and to the extent practicable, to consult with tribal governments prior to implementing any regulatory action or policy that will significantly or uniquely affect tribal governments, their land and resources; strives to develop working relationships with tribal governments, and will endeavor to identify innovative mechanisms to facilitate tribal consultations in the Commission's regulatory processes; and endeavors to streamline its administrative process and procedures to remove undue burdens that its decisions and actions place on Indian tribes; and

*Whereas*, the Commission does not delegate under this Programmatic Agreement any portion of its responsibilities to Indian tribes and NHOs, including its obligation to consult under Section 101(d)(6) of the NHPA; and

*Whereas*, the terms of this Nationwide Agreement are consistent with and do not attempt to abrogate the rights of Indian tribes or NHOs to consult directly with the

Commission regarding the construction of Facilities; and

*Whereas*, the execution and implementation of this Nationwide Agreement will not preclude Indian tribes or NHOs, SHPO/THPOs, local governments, or members of the public from filing complaints with the Commission or the Council regarding effects on Historic Properties from any Facility or any activity covered under the terms of the Nationwide Agreement; and

*Whereas*, Indian tribes and NHOs may request Council involvement in Section 106 cases that present issues of concern to Indian tribes or NHOs (*see* 36 CFR Part 800, Appendix A, Section (c)(4)); and

*Whereas*, the Commission, after consulting with federally recognized Indian tribes, has developed an electronic Tower Construction Notification System through which Indian tribes and NHOs may voluntarily identify the geographic areas in which Historic Properties to which they attach religious and cultural significance may be located, Applicants may ascertain which participating Indian tribes and NHOs have identified such an interest in the geographic area in which they propose to construct Facilities, and Applicants may voluntarily provide electronic notification of proposed Facilities construction for the Commission to forward to participating Indian tribes, NHOs, and SHPOs/THPOs; and

*Whereas*, the Council, the Conference and the Commission recognize that Applicants' use of qualified professionals experienced with the NHPA and Section 106 can streamline the review process and minimize potential delays; and

*Whereas*, the Commission has created a position and hired a cultural resources professional to assist with the Section 106 process; and

*Whereas*, upon execution of this Nationwide Agreement, the Council may still provide advisory comments to the Commission regarding the coordination of Section 106 reviews; notify the Commission of concerns raised by consulting parties and the public regarding an Undertaking; and participate in the resolution of adverse effects for complex, controversial, or other non-routine projects;

*Now Therefore*, in consideration of the above provisions and of the covenants and agreements contained herein, the Council, the Conference and the Commission (the “Parties”) agree as follows:

#### **I. Applicability and Scope of This Nationwide Agreement**

A. This Nationwide Agreement (1) Excludes from Section 106 review certain Undertakings involving the construction and modification of Facilities, and (2) streamlines and tailors the Section 106 review process for other Undertakings involving the construction and modification of Facilities. An illustrative list of Commission activities in relation to which Undertakings covered by this Agreement may occur is provided as Attachment 2 to this Agreement.

B. This Nationwide Agreement applies only to federal Undertakings as determined by the Commission (“Undertakings”). The Commission has sole authority to determine what activities undertaken by the

Commission or its Applicants constitute Undertakings within the meaning of the NHPA. Nothing in this Agreement shall preclude the Commission from revisiting or affect the existing ability of any person to challenge any prior determination of what does or does not constitute an Undertaking. Maintenance and servicing of Towers, Antennas, and associated equipment are not deemed to be Undertakings subject to Section 106 review.

C. This Agreement does not apply to Antenna Collocations that are exempt from Section 106 review under the Collocation Agreement (*see* Attachment 1). Pursuant to the terms of the Collocation Agreement, such Collocations shall not be subject to the Section 106 review process and shall not be submitted to the SHPO/THPO for review. This Agreement does apply to collocations that are not exempt from Section 106 review under the Collocation Agreement.

D. This Agreement does not apply on “tribal lands” as defined under Section 800.16(x) of the Council's regulations, 36 CFR § 800.16(x) (“Tribal lands means all lands within the exterior boundaries of any Indian reservation and all dependent Indian communities.”). This Nationwide Agreement, however, will apply on tribal lands should a tribe, pursuant to appropriate tribal procedures and upon reasonable notice to the Council, Commission, and appropriate SHPO/THPO, elect to adopt the provisions of this Nationwide Agreement. Where a tribe that has assumed SHPO functions pursuant to Section 101(d)(2) of the NHPA (16 U.S.C. 470(d)(2)) has agreed to application of this Nationwide Agreement on tribal lands, the term SHPO/THPO denotes the Tribal Historic Preservation Officer with respect to review of proposed Undertakings on those tribal lands. Where a tribe that has not assumed SHPO functions has agreed to application of this Nationwide Agreement on tribal lands, the tribe may notify the Commission of the tribe's intention to perform the duties of a SHPO/THPO, as defined in this Nationwide Agreement, for proposed Undertakings on its tribal lands, and in such instances the term SHPO/THPO denotes both the State Historic Preservation Officer and the tribe's authorized representative. In all other instances, the term SHPO/THPO denotes the State Historic Preservation Officer.

E. This Nationwide Agreement governs only review of Undertakings under Section 106 of the NHPA. Applicants completing the Section 106 review process under the terms of this Nationwide Agreement may not initiate construction without completing any environmental review that is otherwise required for effects other than historic preservation under the Commission's rules (*See* 47 CFR 1.1301–1.1319). Completion of the Section 106 review process under this Nationwide Agreement satisfies an Applicant's obligations under the Commission's rules with respect to Historic Properties, except for Undertakings that have been determined to have an adverse effect on Historic Properties and that therefore require preparation and filing of an Environmental Assessment (*See* 47 CFR 1.1307(a)(4)).

F. This Nationwide Agreement does not govern any Section 106 responsibilities that

agencies other than the Commission may have with respect to those agencies' federal Undertakings.

## II. Definitions

A. The following terms are used in this Nationwide Agreement as defined below:

1. **Antenna.** An apparatus designed for the purpose of emitting radio frequency ("RF") radiation, to be operated or operating from a fixed location pursuant to Commission authorization, for the transmission of writing, signs, signals, data, images, pictures, and sounds of all kinds, including the transmitting device and any on-site equipment, switches, wiring, cabling, power sources, shelters or cabinets associated with that antenna and added to a Tower, structure, or building as part of the original installation of the antenna. For most services, an Antenna will be mounted on or in, and is distinct from, a supporting structure such as a Tower, structure or building. However, in the case of AM broadcast stations, the entire Tower or group of Towers constitutes the Antenna for that station. For purposes of this Nationwide Agreement, the term Antenna does not include unintentional radiators, mobile stations, or devices authorized under Part 15 of the Commission's rules.

2. **Applicant.** A Commission licensee, permittee, or registration holder, or an applicant or prospective applicant for a wireless or broadcast license, authorization or antenna structure registration, and the duly authorized agents, employees, and contractors of any such person or entity.

3. **Area of Potential Effects ("APE").** The geographic area or areas within which an Undertaking may directly or indirectly cause alterations in the character or use of Historic Properties, if any such properties exist.

4. **Collocation.** The mounting or installation of an Antenna on an existing Tower, building, or structure for the purpose of transmitting radio frequency signals for telecommunications or broadcast purposes.

5. **Effect.** An alteration to the characteristics of a Historic Property qualifying it for inclusion in or eligibility for the National Register.

6. **Experimental Authorization.** An authorization issued to conduct experimentation utilizing radio waves for gathering scientific or technical operation data directed toward the improvement or extension of an established service and not intended for reception and use by the general public. "Experimental Authorization" does not include an "Experimental Broadcast Station" authorized under Part 74 of the Commission's rules.

7. **Facility.** A Tower or an Antenna. The term Facility may also refer to a Tower and its associated Antenna(s).

8. **Field Survey.** A research strategy that utilizes one or more visits to the area where construction is proposed as a means of identifying Historic Properties.

9. **Historic Property.** Any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in, the National Register maintained by the Secretary of the Interior. This term includes artifacts, records, and remains that are related to and located within such properties. The

term includes properties of traditional religious and cultural importance to an Indian tribe or NHO that meet the National Register criteria.

10. **National Register.** The National Register of Historic Places, maintained by the Secretary of the Interior's office of the Keeper of the National Register.

11. **SHPO/THPO Inventory.** A set of records of previously gathered information, authorized by state or tribal law, on the absence, presence and significance of historic and archaeological resources within the state or tribal land.

12. **Special Temporary Authorization.** Authorization granted to a permittee or licensee to allow the operation of a station for a limited period at a specified variance from the terms of the station's permanent authorization or requirements of the Commission's rules applicable to the particular class or type of station.

13. **Submission Packet.** The document to be submitted initially to the SHPO/THPO to facilitate review of the Applicant's findings and any determinations with regard to the potential impact of the proposed Undertaking on Historic Properties in the APE. There are two Submission Packets: (a) The New Tower Submission Packet (FCC Form 620) (See Attachment 3) and (b) The Collocation Submission Packet (FCC Form 621) (See Attachment 4). Any documents required to be submitted along with a Form are part of the Submission Packet.

14. **Tower.** Any structure built for the sole or primary purpose of supporting Commission-licensed or authorized Antennas, including the on-site fencing, equipment, switches, wiring, cabling, power sources, shelters, or cabinets associated with that Tower but not installed as part of an Antenna as defined herein.

B. All other terms not defined above or elsewhere in this Nationwide Agreement shall have the same meaning as set forth in the Council's rules section on Definitions (36 CFR 800.16) or the Commission's rules (47 CFR Chapter I).

C. For the calculation of time periods under this Agreement, "days" mean "calendar days." Any time period specified in the Agreement that ends on a weekend or a Federal or State holiday is extended until the close of the following business day.

D. Written communications include communications by e-mail or facsimile.

## III. Undertakings Excluded From Section 106 Review

Undertakings that fall within the provisions listed in the following sections III.A. through III.F. are excluded from Section 106 review by the SHPO/THPO, the Commission, and the Council, and, accordingly, shall not be submitted to the SHPO/THPO for review. The determination that an exclusion applies to an Undertaking should be made by an authorized individual within the Applicant's organization, and Applicants should retain documentation of their determination that an exclusion applies. Concerns regarding the application of these exclusions from Section 106 review may be presented to and considered by the Commission pursuant to Section XI.

A. Enhancement of a tower and any associated excavation that does not involve a collocation and does not substantially increase the size of the existing tower, as defined in the Collocation Agreement. For towers constructed after March 16, 2001, this exclusion applies only if the tower has completed the Section 106 review process and any associated environmental reviews required by the Commission.

B. Construction of a replacement for an existing communications tower and any associated excavation that does not substantially increase the size of the existing tower under elements 1-3 of the definition as defined in the Collocation Agreement (see Attachment 1 to this Agreement, Stipulation 1.c.1-3) and that does not expand the boundaries of the leased or owned property surrounding the tower by more than 30 feet in any direction or involve excavation outside these expanded boundaries or outside any existing access or utility easement related to the site. For towers constructed after March 16, 2001, this exclusion applies only if the tower has completed the Section 106 review process and any associated environmental reviews required by the Commission's rules.

C. Construction of any temporary communications Tower, Antenna structure, or related Facility that involves no excavation or where all areas to be excavated will be located in areas described in Section VI.D.2.c.i below, including but not limited to the following:

1. A Tower or Antenna authorized by the Commission for a temporary period, such as any Facility authorized by a Commission grant of Special Temporary Authority ("STA") or emergency authorization;

2. A cell on wheels (COW) transmission Facility;

3. A broadcast auxiliary services truck, TV pickup station, remote pickup broadcast station (e.g., electronic newsgathering vehicle) authorized under Part 74 or temporary fixed or transportable earth station in the fixed satellite service (e.g., satellite newsgathering vehicle) authorized under Part 25;

4. A temporary ballast mount Tower;

5. Any Facility authorized by a Commission grant of an experimental authorization.

For purposes of this Section III.C, the term "temporary" means "for no more than twenty-four months duration except in the case of those Facilities associated with national security."

D. Construction of a Facility less than 200 feet in overall height above ground level in an existing industrial park,<sup>1</sup> commercial strip mall,<sup>2</sup> or shopping center<sup>3</sup> that occupies a

<sup>1</sup> A tract of land that is planned, developed, and operated as an integrated facility for a number of individual industrial uses, with consideration to transportation facilities, circulation, parking, utility needs, aesthetics and compatibility.

<sup>2</sup> A structure or grouping of structures, housing retail business, set back far enough from the street to permit parking spaces to be placed between the building entrances and the public right of way.

<sup>3</sup> A group of commercial establishments planned, constructed, and managed as a total entity, with customer and employee parking provided on-site,

total land area of 100,000 square feet or more, provided that the industrial park, strip mall, or shopping center is not located within the boundaries of or within 500 feet of a Historic Property, as identified by the Applicant after a preliminary search of relevant records. Proposed Facilities within this exclusion must complete the process of participation of Indian tribes and NHOs pursuant to Section IV of this Agreement. If as a result of this process the Applicant or the Commission identifies a Historic Property that may be affected, the Applicant must complete the Section 106 review process pursuant to this Agreement notwithstanding the exclusion.

E. Construction of a Facility in or within 50 feet of the outer boundary of a right-of-way designated by a Federal, State, local, or Tribal government for the location of communications Towers or above-ground utility transmission or distribution lines and associated structures and equipment and in active use for such purposes, provided:

1. The proposed Facility would not constitute a substantial increase in size, under elements 1–3 of the definition in the Collocation Agreement, over existing structures located in the right-of-way within the vicinity of the proposed Facility, and;

2. The proposed Facility would not be located within the boundaries of a Historic Property, as identified by the Applicant after a preliminary search of relevant records.

Proposed Facilities within this exclusion must complete the process of participation of Indian tribes and NHOs pursuant to Section IV of this Agreement. If as a result of this process the Applicant or the Commission identifies a Historic Property that may be affected, the Applicant must complete the Section 106 review process pursuant to this Agreement notwithstanding the exclusion.

F. Construction of a Facility in any area previously designated by the SHPO/THPO at its discretion, following consultation with appropriate Indian tribes and NHOs, as having limited potential to affect Historic Properties. Such designation shall be documented by the SHPO/THPO and made available for public review.

#### **IV. Participation of Indian Tribes and Native Hawaiian Organizations in Undertakings Off Tribal Lands**

A. The Commission recognizes its responsibility to carry out consultation with any Indian tribe or NHO that attaches religious and cultural significance to a Historic Property if the property may be affected by a Commission undertaking. This responsibility is founded in Sections 101(d)(6)(a–b) and 106 of the NHPA (16 U.S.C. 470a(d)(6)(a–b) and 470f), the regulations of the Council (36 CFR Part 800), the Commission's environmental regulations (47 CFR 1.1301–1.1319), and the unique legal relationship that exists between the federal government and Indian Tribal governments, as reflected in the Constitution of the United States, treaties, federal statutes, Executive orders, and numerous court decisions. This historic trust relationship requires the federal

government to adhere to certain fiduciary standards in its dealings with Indian Tribes. (Commission Statement of Policy on Establishing a Government-to-Government Relationship with Indian Tribes).

B. As an initial step to enable the Commission to fulfill its duty of consultation, Applicants shall use reasonable and good faith efforts to identify any Indian tribe or NHO that may attach religious and cultural significance to Historic Properties that may be affected by an Undertaking. Applicants should be aware that frequently, Historic Properties of religious and cultural significance to Indian tribes and NHOs are located on ancestral, aboriginal, or ceded lands of such tribes and organizations and Applicants should take this into account when complying with their responsibilities. Where an Indian tribe or NHO has voluntarily provided information to the Commission's Tower Construction Notification System regarding the geographic areas in which Historic Properties of religious and cultural significance to that Indian tribe or NHO may be located, reference to the Tower Construction Notification System shall constitute a reasonable and good faith effort at identification with respect to that Indian tribe or NHO. In addition, such reasonable and good faith efforts may include, but are not limited to, seeking relevant information from the relevant SHPO/THPO, Indian tribes, state agencies, the U.S. Bureau of Indian Affairs ("BIA"), or, where applicable, any federal agency with land holdings within the state (e.g., the U.S. Bureau of Land Management). Although these agencies can provide useful information in identifying potentially affected Indian tribes, contacting BIA, the SHPO or other federal and state agencies is not a substitute for seeking information directly from Indian tribes that may attach religious and cultural significance to a potentially affected Historic Property, as described below.

C. After the Applicant has identified Indian tribes and NHOs that may attach religious and cultural significance to potentially affected Historic Properties, the Commission has the responsibility, and the Commission imposes on the Applicant the obligation, to ensure that contact is made at an early stage in the planning process with such Indian tribes and NHOs in order to begin the process of ascertaining whether such Historic Properties may be affected. This initial contact shall be made by the Commission or the Applicant, in accordance with the wishes of the Indian tribe or NHO. This contact shall constitute only an initial effort to contact the Indian tribe or NHO, and does not in itself fully satisfy the Applicant's obligations or substitute for government-to-government consultation unless the Indian tribe or NHO affirmatively disclaims further interest or the Indian tribe or NHO has otherwise agreed that such contact is sufficient. Depending on the preference of the Indian tribe or NHO, the means of initial contact may include, without limitation:

1. Electronic notification through the Commission's Tower Construction Notification System;
2. Written communication from the Commission at the request of the Applicant;

3. Written, e-mail, or telephonic notification directly from the Applicant to the Indian tribe or NHO;

4. Any other means that the Indian Tribe or NHO has informed the Commission are acceptable, including through the adoption of best practices pursuant to Section IV.J, below; or

5. Any other means to which an Indian tribe or NHO and an Applicant have agreed pursuant to Section IV.K, below.

D. The Commission will use its best efforts to ascertain the preferences of each Indian tribe and NHO for initial contact, and to make these preferences available to Applicants in a readily accessible format. In addition, the Commission will use its best efforts to ascertain, and to make available to Applicants, any locations or types of construction projects, within the broad geographic areas in which Historic Properties of religious and cultural significance to an Indian tribe or NHO may be located, for which the Indian tribe or NHO does not expect notification. To the extent they are comfortable doing so, the Commission encourages Indian tribes and NHOs to accept the Tower Construction Notification System as an efficient and thorough means of making initial contact.

E. In the absence of any contrary indication of an Indian tribe's or NHO's preference, where an Applicant does not have a pre-existing relationship with an Indian tribe or NHO, initial contact with the Indian tribe or NHO shall be made through the Commission. Unless the Indian tribe or NHO has indicated otherwise, the Commission may make this initial contact through the Tower Construction Notification System. An Applicant that has a pre-existing relationship with an Indian tribe or NHO shall make initial contact in the manner that is customary to that relationship or in such other manner as may be accepted by the Indian tribe or NHO. An Applicant shall copy the Commission on any initial written or electronic direct contact with an Indian tribe or NHO, unless the Indian tribe or NHO has agreed through a best practices agreement or otherwise that such copying is not necessary.

F. Applicants' direct contacts with Indian tribes and NHOs, where accepted by the Indian tribe or NHO, shall be made in a sensitive manner that is consistent with the reasonable wishes of the Indian tribe or NHO, where such wishes are known or can be reasonably ascertained. In general, unless an Indian tribe or NHO has provided guidance to the contrary, Applicants shall follow the following guidelines:

1. All communications with Indian tribes shall be respectful of tribal sovereignty;
2. Communications shall be directed to the appropriate representative designated or identified by the tribal government or other governing body;
3. Applicants shall provide all information reasonably necessary for the Indian tribe or NHO to evaluate whether Historic Properties of religious and cultural significance may be affected. The parties recognize that it may be neither feasible nor desirable to provide complete information about the project at the time of initial contact, particularly when

provision for goods delivery separated from customer access, aesthetic considerations and protection from the elements, and landscaping and signage in accordance with an approved plan.

initial contact is made early in the process. Unless the Indian tribe or NHO affirmatively disclaims interest, however, it shall be provided with complete information within the earliest reasonable time frame;

4. The Applicant must ensure that Indian tribes and NHOs have a reasonable opportunity to respond to all communications. Ordinarily, 30 days from the time the relevant tribal or NHO representative may reasonably be expected to have received an inquiry shall be considered a reasonable time. Should a tribe or NHO request additional time to respond, the Applicant shall afford additional time as reasonable under the circumstances. However, where initial contact is made automatically through the Tower Construction Notification System, and where an Indian tribe or NHO has stated that it is not interested in reviewing proposed construction of certain types or in certain locations, the Applicant need not await a response to contact regarding proposed construction meeting that description;

5. Applicants should not assume that failure to respond to a single communication establishes that an Indian tribe or NHO is not interested in participating, but should make a reasonable effort to follow up.

G. The purposes of communications between the Applicant and Indian tribes or NHOs are: (1) To ascertain whether Historic Properties of religious and cultural significance to the Indian tribe or NHO may be affected by the undertaking and consultation is therefore necessary, and (2) where possible, with the concurrence of the Indian tribe or NHO, to reach an agreement on the presence or absence of effects that may obviate the need for consultation. Accordingly, the Applicant shall promptly refer to the Commission any request from a federally recognized Indian tribe for government-to-government consultation. The Commission will then carry out government-to-government consultation with the Indian tribe. Applicants shall also seek guidance from the Commission in the event of any substantive or procedural disagreement with an Indian tribe or NHO, or if the Indian tribe or NHO does not respond to the Applicant's inquiries. Applicants are strongly advised to seek guidance from the Commission in cases of doubt.

H. If an Indian tribe or NHO indicates that a Historic Property of religious and cultural significance to it may be affected, the Applicant shall invite the commenting tribe or organization to become a consulting party. If the Indian tribe or NHO agrees to become a consulting party, it shall be afforded that status and shall be provided with all of the information, copies of submissions, and other prerogatives of a consulting party as provided for in 36 CFR 800.2.

I. Information regarding Historic Properties to which Indian tribes or NHOs attach religious and cultural significance may be highly confidential, private, and sensitive. If an Indian tribe or NHO requests confidentiality from the Applicant, the Applicant shall honor this request and shall, in turn, request confidential treatment of such materials or information in accordance with the Commission's rules and Section 304

of the NHPA (16 U.S.C. 470w-3(a)) in the event they are submitted to the Commission. The Commission shall provide such confidential treatment consistent with its rules and applicable federal laws. Although the Commission will strive to protect the privacy interests of all parties, the Commission cannot guarantee its own ability or the ability of Applicants to protect confidential, private, and sensitive information from disclosure under all circumstances.

J. In order to promote efficiency, minimize misunderstandings, and ensure that communications among the parties are made in accordance with each Indian tribe or NHO's reasonable preferences, the Commission will use its best efforts to arrive at agreements regarding best practices with Indian tribes and NHOs and their representatives. Such best practices may include means of making initial contacts with Indian tribes and NHOs as well as guidelines for subsequent discussions between Applicants and Indian tribes or NHOs in fulfillment of the requirements of the Section 106 process. To the extent possible, the Commission will strive to achieve consistency among best practice agreements with Indian tribes and NHOs. Where best practices exist, the Commission encourages Applicants to follow those best practices.

K. Nothing in this Section shall be construed to prohibit or limit Applicants and Indian tribes or NHOs from entering into or continuing pre-existing arrangements or agreements governing their contacts, provided such arrangements or agreements are otherwise consistent with federal law and no modification is made in the roles of other parties to the process under this Nationwide Agreement without their consent. Documentation of such alternative arrangements or agreements should be filed with the Commission.

#### **V. Public Participation and Consulting Parties**

A. On or before the date an Applicant submits the appropriate Submission Packet to the SHPO/THPO, as prescribed by Section VII, below, the Applicant shall provide the local government that has primary land use jurisdiction over the site of the planned Undertaking with written notification of the planned Undertaking.

B. On or before the date an Applicant submits the appropriate Submission Packet to the SHPO/THPO, as prescribed by Section VII, below, the Applicant shall provide written notice to the public of the planned Undertaking. Such notice may be accomplished (1) through the public notification provisions of the relevant local zoning or local historic preservation process for the proposed Facility; or (2) by publication in a local newspaper of general circulation. In the alternative, an Applicant may use other appropriate means of providing public notice, including seeking the assistance of the local government.

C. The written notice to the local government and to the public shall include: (1) The location of the proposed Facility including its street address; (2) a description

of the proposed Facility including its height and type of structure; (3) instruction on how to submit comments regarding potential effects on Historic Properties; and (4) the name, address, and telephone number of a contact person.

D. A SHPO/THPO may make available lists of other groups, including Indian tribes, NHOs and organizations of Indian tribes or NHOs, which should be provided notice for Undertakings to be located in particular areas.

E. If the Applicant receives a comment regarding potentially affected Historic Properties, the Applicant shall consider the comment and either include it in the initial submission to the SHPO/THPO, or, if the initial submission has already been made, immediately forward the comment to the SHPO/THPO for review. An Applicant need not submit to the SHPO/THPO any comment that does not substantially relate to potentially affected Historic Properties.

F. The relevant SHPO/THPO, Indian tribes and NHOs that attach religious and cultural significance to Historic Properties that may be affected, and the local government are entitled to be consulting parties in the Section 106 review of an Undertaking. The Council may enter the Section 106 process for a given Undertaking, on Commission invitation or on its own decision, in accordance with 36 CFR Part 800, Appendix A. An Applicant shall consider all written requests of other individuals and organizations to participate as consulting parties and determine which should be consulting parties. An Applicant is encouraged to grant such status to individuals or organizations with a demonstrated legal or economic interest in the Undertaking, or demonstrated expertise or standing as a representative of local or public interest in historic or cultural resources preservation. Any such individual or organization denied consulting party status may petition the Commission for review of such denial. Applicants may seek assistance from the Commission in identifying and involving consulting parties. All entities granted consulting party status shall be identified to the SHPO/THPO as part of the Submission Packet.

G. Consulting parties are entitled to: (1) Receive notices, copies of submission packets, correspondence and other documents provided to the SHPO/THPO in a Section 106 review; and (2) be provided an opportunity to have their views expressed and taken into account by the Applicant, the SHPO/THPO and, where appropriate, by the Commission.

#### **VI. Identification, Evaluation, and Assessment of Effects**

A. In preparing the Submission Packet for the SHPO/THPO and consulting parties pursuant to Section VII of this Nationwide Agreement and Attachments 3 and 4, the Applicant shall: (1) Define the area of potential effects (APE); (2) identify Historic Properties within the APE; (3) evaluate the historic significance of identified properties as appropriate; and (4) assess the effects of the Undertaking on Historic Properties. The standards and procedures described below

shall be applied by the Applicant in preparing the Submission Packet, by the SHPO/THPO in reviewing the Submission Packet, and where appropriate, by the Commission in making findings.

B. Exclusion of Specific Geographic Areas from Review.

The SHPO/THPO, consistent with relevant State or tribal procedures, may specify geographic areas in which no review is required for direct effects on archeological resources or no review is required for visual effects.

C. Area of Potential Effects.

1. The term "Area of Potential Effects" is defined in Section II.A.3 of this Nationwide Agreement. For purposes of this Nationwide Agreement, the APE for direct effects and the APE for visual effects are further defined and are to be established as described below.

2. The APE for direct effects is limited to the area of potential ground disturbance and any property, or any portion thereof, that will be physically altered or destroyed by the Undertaking.

3. The APE for visual effects is the geographic area in which the Undertaking has the potential to introduce visual elements that diminish or alter the setting, including the landscape, where the setting is a character-defining feature of a Historic Property that makes it eligible for listing on the National Register.

4. Unless otherwise established through consultation with the SHPO/THPO, the presumed APE for visual effects for construction of new Facilities is the area from which the Tower will be visible:

a. Within a half mile from the tower site if the proposed Tower is 200 feet or less in overall height;

b. Within  $\frac{3}{4}$  of a mile from the tower site if the proposed Tower is more than 200 but no more than 400 feet in overall height; or

c. Within  $1\frac{1}{2}$  miles from the proposed tower site if the proposed Tower is more than 400 feet in overall height.

5. In the event the Applicant determines, or the SHPO/THPO recommends, that an alternative APE for visual effects is necessary, the Applicant and the SHPO/THPO may mutually agree to an alternative APE.

6. If the Applicant and the SHPO/THPO, after using good faith efforts, cannot reach an agreement on the use of an alternative APE, either the Applicant or the SHPO/THPO may submit the issue to the Commission for resolution. The Commission shall make its determination concerning an alternative APE within a reasonable time.

D. Identification and Evaluation of Historic Properties.

1. Identification and Evaluation of Historic Properties Within the APE for Visual Effects.

a. Except to identify Historic Properties of religious and cultural significance to Indian tribes and NHOs, Applicants shall identify Historic Properties within the APE for visual effects by reviewing the following records. Applicants are required to review such records only to the extent they are available at the offices of the SHPO/THPO or can be found in publicly available sources identified by the SHPO/THPO. With respect to these properties, Applicants are not required to

undertake a Field Survey or other measures other than reviewing these records in order to identify Historic Properties:

i. Properties listed in the National Register;

ii. Properties formally determined eligible for listing by the Keeper of the National Register;

iii. Properties that the SHPO/THPO certifies are in the process of being nominated to the National Register;

iv. Properties previously determined eligible as part of a consensus determination of eligibility between the SHPO/THPO and a Federal Agency or local government representing the Department of Housing and Urban Development (HUD); and

v. Properties listed in the SHPO/THPO Inventory that the SHPO/THPO has previously evaluated and found to meet the National Register criteria, and that are identified accordingly in the SHPO/THPO Inventory.

b. At an early stage in the planning process and in accordance with Section IV of this Nationwide Agreement, the Commission or the Applicant, as appropriate, shall gather information from Indian tribes or NHOs identified pursuant to Section IV.B to assist in identifying Historic Properties of religious and cultural significance to them within the APE for visual effects. Such information gathering may include a Field Survey where appropriate.

c. Based on the sources listed above and public comment received pursuant to Section V of this Nationwide Agreement, the Applicant shall include in its Submission Packet a list of properties it has identified as apparent Historic Properties within the APE for visual effects.

i. During the review period described in Section VII.A, the SHPO/THPO may identify additional properties included in the SHPO/THPO Inventory and located within the APE that the SHPO/THPO considers eligible for listing on the National Register, and notify the Applicant pursuant to Section VII.A.4.

ii. The SHPO/THPO may also advise the Applicant that previously identified properties on the list no longer qualify for inclusion in the National Register.

d. Applicants are encouraged at their discretion to use the services of professionals who meet the Secretary of the Interior's Professional Qualification Standards when identifying Historic Properties within the APE for visual effects.

e. Applicants are not required to evaluate the historic significance of properties identified pursuant to Section VI.D.1.a., but may rely on the previous evaluation of these properties. Applicants may, at their discretion, evaluate whether such properties are no longer eligible for inclusion in the National Register and recommend to the SHPO/THPO their removal from consideration. Any such evaluation shall be performed by a professional who meets the Secretary of the Interior's Professional Qualification Standards.

2. Identification and Evaluation of Historic Properties Within the APE for Direct Effects.

a. In addition to the properties identified pursuant to Section VI.D.1, Applicants shall make a reasonable good faith effort to identify other above ground and

archeological Historic Properties, including buildings, structures, and historic districts, that lie within the APE for direct effects.

Such reasonable and good faith efforts may include a Field Survey where appropriate.

b. Identification and evaluation of Historic Properties within the APE for direct effects, including any finding that an archeological Field Survey is not required, shall be undertaken by a professional who meets the Secretary of the Interior's Professional Qualification Standards. Identification and evaluation relating to archeological resources shall be performed by a professional who meets the Secretary of the Interior's Professional Qualification Standards in archeology.

c. Except as provided below, the Applicant need not undertake a Field Survey for archeological resources where:

i. the depth of previous disturbance exceeds the proposed construction depth (excluding footings and other anchoring mechanisms) by at least 2 feet as documented in the Applicant's siting analysis; or

ii. geomorphological evidence indicates that cultural resource-bearing soils do not occur within the project area or may occur but at depths that exceed 2 feet below the proposed construction depth.

d. At an early stage in the planning process and in accordance with Section IV of this Nationwide Agreement, the Commission or the Applicant, as appropriate, shall gather information from Indian tribes or NHOs identified pursuant to Section IV.B to assist in identifying archeological Historic Properties of religious and cultural significance to them within the APE for direct effects. If an Indian tribe or NHO provides evidence that supports a high probability of the presence of intact archeological Historic Properties within the APE for direct effects, the Applicant shall conduct an archeological Field Survey notwithstanding Section VI.D.2.c.

e. Where the Applicant pursuant to Sections VI.D.2.c and VI.D.2.d finds that no archeological Field Survey is necessary, it shall include in its Submission Packet a report substantiating this finding. During the review period described in Section VII.A, the SHPO/THPO may, based on evidence that supports a high probability of the presence of intact archeological Historic Properties within the APE for direct effects, notify the Applicant that the Submission Packet is inadequate without an archeological Field Survey pursuant to Section VII.A.4.

f. The Applicant shall conduct an archeological Field Survey within the APE for direct effects if neither of the conditions in Section VI.D.2.c applies, or if required pursuant to Section VI.D.2.d or e. The Field Survey shall be conducted in consultation with the SHPO/THPO and consulting Indian tribes or NHOs.

g. The Applicant, in consultation with the SHPO/THPO and appropriate Indian tribes or NHOs, shall apply the National Register criteria (36 CFR Part 63) to properties identified within the APE for direct effects that have not previously been evaluated for National Register eligibility, with the exception of those identified pursuant to Section VI.D.1.a.



3. Dispute Resolution. Where there is a disagreement regarding the identification or eligibility of a property, and after attempting in good faith to resolve the issue the Applicant and the SHPO/THPO continue to disagree, the Applicant or the SHPO/THPO may submit the issue to the Commission. The Commission shall handle such submissions in accordance with 36 CFR 800.4(c)(2).

#### E. Assessment of Effects

1. Applicants shall assess effects of the Undertaking on Historic Properties using the Criteria of Adverse Effect (36 CFR 800.5(a)(1)).

2. In determining whether Historic Properties in the APE may be adversely affected by the Undertaking, the Applicant should consider factors such as the topography, vegetation, known presence of Historic Properties, and existing land use.

3. An Undertaking will have a visual adverse effect on a Historic Property if the visual effect from the Facility will noticeably diminish the integrity of one or more of the characteristics qualifying the property for inclusion in or eligibility for the National Register. Construction of a Facility will not cause a visual adverse effect except where visual setting or visual elements are character-defining features of eligibility of a Historic Property located within the APE.

4. For collocations not excluded from review by the Collocation Agreement or this Agreement, the assessment of effects will consider only effects from the newly added or modified Facilities and not effects from the existing Tower or Antenna.

5. Assessment pursuant to this Agreement shall be performed by professionals who meet the Secretary of the Interior's Professional Qualification Standards.

### VII. Procedures

#### A. Use of the Submission Packet

1. For each Undertaking within the scope of this Nationwide Agreement, the Applicant shall initially determine whether there are no Historic Properties affected, no adverse effect on Historic Properties, or an adverse effect on Historic Properties. The Applicant shall prepare a Submission Packet and submit it to the SHPO/THPO and to all consulting parties, including any Indian tribe or NHO that is participating as a consulting party.

2. The SHPO/THPO shall have 30 days from receipt of the requisite documentation to review the Submission Packet.

3. If the SHPO/THPO receives a comment or objection, in accordance with Section V.E, more than 25 but less than 31 days following its receipt of the initial submission, the SHPO/THPO shall have five calendar days to consider such comment or objection before the Section 106 process is complete or the matter may be submitted to the Commission.

4. If the SHPO/THPO determines the Applicant's Submission Packet is inadequate, or if the SHPO/THPO identifies additional Historic Properties within the APE, the SHPO/THPO will immediately notify the Applicant and describe any deficiencies. The SHPO/THPO may close its file without prejudice if the Applicant does not resubmit an amended Submission Packet within 60 days following the Applicant's receipt of the returned Submission Packet. Resubmission of

the Submission Packet to the SHPO/THPO commences a new 30 day period for review.

#### B. Determinations of No Historic Properties Affected

1. If the SHPO/THPO concurs in writing with the Applicant's determination of no Historic Properties affected, it is deemed that no Historic Properties exist within the APE or the Undertaking will have no effect on any Historic Properties located within the APE. The Section 106 process is then complete, and the Applicant may proceed with the project, unless further processing for reasons other than Section 106 is required.

2. If the SHPO/THPO does not provide written notice to the Applicant that it agrees or disagrees with the Applicant's determination of no Historic Properties affected within 30 days following receipt of a complete Submission Packet, it is deemed that no Historic Properties exist within the APE or the Undertaking will have no effect on Historic Properties. The Section 106 process is then complete and the Applicant may proceed with the project, unless further processing for reasons other than Section 106 is required.

3. If the SHPO/THPO provides written notice within 30 days following receipt of the Submission Packet that it disagrees with the Applicant's determination of no Historic Properties affected, it should provide a short and concise explanation of exactly how the criteria of eligibility and/or criteria of Adverse Effect would apply. The Applicant and the SHPO/THPO should engage in further discussions and make a reasonable and good faith effort to resolve their disagreement.

4. If the SHPO/THPO and Applicant do not resolve their disagreement, the Applicant may at any time choose to submit the matter, together with all relevant documents, to the Commission, advising the SHPO/THPO accordingly.

#### C. Determinations of No Adverse Effect

1. If the SHPO/THPO concurs in writing with the Applicant's determination of no adverse effect, the Facility is deemed to have no adverse effect on Historic Properties. The Section 106 process is then complete and the Applicant may proceed with the project, unless further processing for reasons other than Section 106 is required.

2. If the SHPO/THPO does not provide written notice to the Applicant that it agrees or disagrees with the Applicant's determination of no adverse effect within thirty days following its receipt of a complete Submission Packet, the SHPO/THPO is presumed to have concurred with the Applicant's determination. The Applicant shall, pursuant to procedures to be promulgated by the Commission, forward a copy of its Submission Packet to the Commission, together with all correspondence with the SHPO/THPO and any comments or objections received from the public, and advise the SHPO/THPO accordingly. The Section 106 process shall then be complete unless the Commission notifies the Applicant otherwise within 15 days after the Commission receives the Submission Packet and accompanying

material electronically or 25 days after the Commission receives this material by other means.

3. If the SHPO/THPO provides written notice within 30 days following receipt of the Submission Packet that it disagrees with the Applicant's determination of no adverse effect, it should provide a short and concise explanation of the Historic Properties it believes to be affected and exactly how the criteria of Adverse Effect would apply. The Applicant and the SHPO/THPO should engage in further discussions and make a reasonable and good faith effort to resolve their disagreement.

4. If the SHPO/THPO and Applicant do not resolve their dispute, the Applicant may at any time choose to submit the matter, together with all relevant documents, to the Commission, advising the SHPO/THPO accordingly.

5. Whenever the Applicant or the Commission concludes, or a SHPO/THPO advises, that a proposed project will have an adverse effect on a Historic Property, after applying the criteria of Adverse Effect, the Applicant and the SHPO/THPO are encouraged to investigate measures that would avoid the adverse effect and permit a conditional "No Adverse Effect" determination.

6. If the Applicant and SHPO/THPO mutually agree upon conditions that will result in no adverse effect, the Applicant shall advise the SHPO/THPO in writing that it will comply with the conditions. The Applicant can then make a determination of no adverse effect subject to its implementation of the conditions. The Undertaking is then deemed conditionally to have no adverse effect on Historic Properties, and the Applicant may proceed with the project subject to compliance with those conditions. Where the Commission has previously been involved in the matter, the Applicant shall notify the Commission of this resolution.

#### D. Determinations of Adverse Effect

1. If the Applicant determines at any stage in the process that an Undertaking would have an adverse effect on Historic Properties within the APE(s), or if the Commission so finds, the Applicant shall submit to the SHPO/THPO a plan designed to avoid, minimize, or mitigate the adverse effect.

2. The Applicant shall forward a copy of its submission with its mitigation plan and the entire record to the Council and the Commission. Within fifteen days following receipt of the Applicant's submission, the Council shall indicate whether it intends to participate in the negotiation of a Memorandum of Agreement by notifying both the Applicant and the Commission.

3. Where the Undertaking would have an adverse effect on a National Historic Landmark, the Commission shall request the Council to participate in consultation and shall invite participation by the Secretary of the Interior.

4. The Applicant, SHPO/THPO, and consulting parties shall negotiate a Memorandum of Agreement that shall be sent to the Commission for review and execution.

5. If the parties are unable to agree upon mitigation measures, they shall submit the

matter to the Commission, which shall coordinate additional actions in accordance with the Council's rules, including 36 CFR 800.6(b)(1)(v) and 800.7.

#### *E. Retention of Information*

The SHPO/THPO shall, subject to applicable state or tribal laws and regulations, and in accordance with its rules and procedures governing historic property records, retain the information in the Submission Packet pertaining to the location and National Register eligibility of Historic Properties and make such information available to Federal agencies and Applicants in other Section 106 reviews, where disclosure is not prevented by the confidentiality standards in 36 CFR 800.11(c).

#### *F. Removal of Obsolete Towers*

Applicants that construct new Towers under the terms of this Nationwide Agreement adjacent to or within the boundaries of a Historic Property are encouraged to disassemble such Towers should they become obsolete or remain vacant for a year or more.

### **VIII. Emergency Situations**

Unless the Commission deems it necessary to issue an emergency authorization in accordance with its rules, or the Undertaking is otherwise excluded from Section 106 review pursuant to the Collocation Agreement or Section III of this Agreement, the procedures in this Agreement shall apply.

### **IX. Inadvertent or Post-Review Discoveries**

A. In the event that an Applicant discovers a previously unidentified site within the APE that may be a Historic Property that would be affected by an Undertaking, the Applicant shall promptly notify the Commission, the SHPO/THPO and any potentially affected Indian tribe or NHO, and within a reasonable time shall submit to the Commission, the SHPO/THPO and any potentially affected Indian tribe or NHO, a written report evaluating the property's eligibility for inclusion in the National Register. The Applicant shall seek the input of any potentially affected Indian tribe or NHO in preparing this report. If found during construction, construction must cease until evaluation has been completed.

B. If the Applicant and SHPO/THPO concur that the discovered resource is eligible for listing in the National Register, the Applicant will consult with the SHPO/THPO, and Indian tribes or NHOs as appropriate, to evaluate measures that will avoid, minimize, or mitigate adverse effects. Upon agreement regarding such measures, the Applicant shall implement them and notify the Commission of its action.

C. If the Applicant and SHPO/THPO cannot reach agreement regarding the eligibility of a property, the matter will be referred to the Commission for review in accordance with Section VI.D.3. If the Applicant and the SHPO/THPO cannot reach agreement on measures to avoid, minimize, or mitigate adverse effects, the matter shall be referred to the Commission for appropriate action.

D. If the Applicant discovers any human or burial remains during implementation of an Undertaking, the Applicant shall cease work immediately, notify the SHPO/THPO and Commission, and adhere to applicable State and Federal laws regarding the treatment of human or burial remains.

### **X. Construction Prior to Compliance With Section 106**

A. The terms of Section 110(k) of the National Historic Preservation Act (16 U.S.C. 470h-2(k)) ("Section 110(k)") apply to Undertakings covered by this Agreement. Any SHPO/THPO, potentially affected Indian tribe or NHO, the Council, or a member of the public may submit a complaint to the Commission alleging that a facility has been constructed or partially constructed after the effective date of this Agreement in violation of Section 110(k). Any such complaint must be in writing and supported by substantial evidence specifically describing how Section 110(k) has been violated. Upon receipt of such complaint the Commission will assume responsibility for investigating the applicability of Section 110(k) in accordance with the provisions herein.

B. If upon its initial review, the Commission concludes that a complaint on its face demonstrates a probable violation of Section 110(k), the Commission will immediately notify and provide the relevant Applicant with copies of the Complaint and order that all construction of a new tower or installation of any new collocations immediately cease and remain suspended pending the Commission's resolution of the complaint.

C. Within 15 days of receipt, the Commission will review the complaint and take appropriate action, which the Commission may determine, and which may include the following:

1. Dismiss the complaint without further action if the complaint does not establish a probable violation of Section 110(k) even if the allegations are taken as true;
2. Provide the Applicant with a copy of the complaint and request a written response within a reasonable time;
3. Request from the Applicant a background report which documents the history and chronology of the planning and construction of the Facility;
4. Request from the Applicant a summary of the steps taken to comply with the requirements of Section 106 as set forth in this Nationwide Agreement, particularly the application of the Criteria of Adverse Effect;
5. Request from the Applicant copies of any documents regarding the planning or construction of the Facility, including correspondence, memoranda, and agreements;

6. If the Facility was constructed prior to full compliance with the requirements of Section 106, request from the Applicant an explanation for such failure, and possible measures that can be taken to mitigate any resulting adverse effects on Historic Properties.

D. If the Commission concludes that there is a probable violation of Section 110(k) (*i.e.*, that "with intent to avoid the requirements of Section 106, [an Applicant] has

intentionally significantly adversely affected a Historic Property"), the Commission shall notify the Applicant and forward a copy of the documentation set forth in Section X.C. to the Council and, as appropriate, the SHPO/THPO and other consulting parties, along with the Commission's opinion regarding the probable violation of Section 110(k). The Commission will consider the views of the consulting parties in determining a resolution, which may include negotiating a Memorandum of Agreement (MOA) that will resolve any adverse effects. The Commission, SHPO/THPO, Council, and Applicant shall sign the MOA to evidence acceptance of the mitigation plan and conclusion of the Section 106 review process.

E. Nothing in Section X or any other provision of this Agreement shall preclude the Commission from continuing or instituting enforcement proceedings under the Communications Act and its rules against an Applicant that has constructed a Facility prior to completing required review under this Agreement. Sanctions for violations of the Commission's rules may include any sanctions allowed under the Communications Act and the Commission's rules.

F. The Commission shall provide copies of all concluding reports or orders for all Section 110(k) investigations conducted by the Commission to the original complainant, the Applicant, the relevant local government, and other consulting parties.

G. Facilities that are excluded from Section 106 review pursuant to the Collocation Agreement or Section III of this Agreement are not subject to review under this provision. Any parties who allege that such Facilities have violated Section 110(k) should notify the Commission in accordance with the provisions of Section XI, Public Comments and Objections.

### **XI. Public Comments and Objections**

Any member of the public may notify the Commission of concerns it has regarding the application of this Nationwide Agreement within a State or with regard to the review of individual Undertakings covered or excluded under the terms of this Agreement. Comments related to telecommunications activities shall be directed to the Wireless Telecommunications Bureau and those related to broadcast facilities to the Media Bureau. The Commission will consider public comments and following consultation with the SHPO/THPO, potentially affected Indian tribes and NHOs, or Council, where appropriate, take appropriate actions. The Commission shall notify the objector of the outcome of its actions.

### **XII. Amendments**

The signatories may propose modifications or other amendments to this Nationwide Agreement. Any amendment to this Agreement shall be subject to appropriate public notice and comment and shall be signed by the Commission, the Council, and the Conference.

### **XIII. Termination**

A. Any signatory to this Nationwide Agreement may request termination by written notice to the other parties. Within

sixty (60) days following receipt of a written request for termination from a signatory, all other signatories shall discuss the basis for the termination request and seek agreement on amendments or other actions that would avoid termination.

B. In the event that this Agreement is terminated, the Commission and all Applicants shall comply with the requirements of 36 CFR Part 800.

**XIV. Annual Review**

The signatories to this Nationwide Agreement will meet annually on or about the anniversary of the effective date of the Agreement to discuss the effectiveness of this Agreement, including any issues related to improper implementation, and to discuss any potential amendments that would improve the effectiveness of this Agreement.

**XV. Reservation of Rights**

Neither execution of this Agreement, nor implementation of or compliance with any term herein, shall operate in any way as a waiver by any party hereto, or by any person or entity complying herewith or affected hereby, of a right to assert in any court of law any claim, argument or defense regarding the validity or interpretation of any provision of the NHPA or its implementing regulations contained in 36 CFR Part 800.

**XVI. Severability**

If any section, subsection, paragraph, sentence, clause or phrase in this Agreement is, for any reason, held to be unconstitutional or invalid or ineffective, such decision shall not affect the validity or effectiveness of the remaining portions of this Agreement.

*In witness whereof*, the Parties have caused this Agreement to be executed by their respective authorized officers as of the day and year first written above.

Federal Communications Commission

\_\_\_\_\_  
Chairman  
Date \_\_\_\_\_  
Advisory Council on Historic Preservation

\_\_\_\_\_  
Chairman  
Date \_\_\_\_\_  
National Conference of State Historic Preservation Officers

\_\_\_\_\_  
Date \_\_\_\_\_  
[FR Doc. 05–5 Filed 1–3–05; 8:45 am]

**BILLING CODE 6712–01–P**



**Registration 1020366** [Map Registration](#)

Registration Detail			
Reg Number	1020366	Status	Constructed
File Number	A1140466	Constructed	01/01/1987
EMI	No	Dismantled	
NEPA	No		
Antenna Structure			
Structure Type	GTOWER - Guyed Structure Used for Communication Purposes		
Location (in NAD83 Coordinates)			
Lat/Long	32-41-28.0 N 083-51-45.0 W	Address	RICHARDSON MILLS RD
City, State	FORT VALLEY , GA		
Zip	31050	County	CRAWFORD
Center of AM Array		Position of Tower in Array	
Heights (meters)			
Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)		
171.3	123.7		
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances		
295.0	121.9		
Painting and Lighting Specifications			
FAA Chapters 3, 4, 5, 9			
Paint and Light in Accordance with FAA Circular Number 70/7460-1G			
FAA Notification			
FAA Study	2018-ASO-23042-OE	FAA Issue Date	11/20/2018
Owner & Contact Information			
FRN	0001598952	Owner Entity Type	Corporation
Owner			
Family Life Broadcasting, Inc. Attention To: Michael Brinks 7355 N. Oracle Road Tucson , AZ 85704		P: (520)742-6976 F: E: mbrinks@flc.org	
Contact			
Brinks , Michael K 7355 N. Oracle Road Tucson , AZ 85704		P: (520)219-7730 F: E: mbrinks@flc.org	
Last Action Status			
Status	Constructed	Received	07/31/2019
Purpose	Notification	Entered	07/31/2019
Mode	Interactive		
Related Applications			
07/31/2019	A1140466 - Notification (NT)		

11/21/2018	A1120429 - Modification (MD)
01/08/2008	A0580296 - Change Owner (OC)
Related applications (5)	
<b>Comments</b>	
<b>Comments</b>	
05/05/2006	Corrected location state from CA to GA - obvious keying error. kp
<b>History</b>	
<b>Date</b>	<b>Event</b>
07/31/2019	Construction Notification Received
11/22/2018	Registration Printed
11/21/2018	Modification Received
All History (11)	
<b>Automated Letters</b>	
11/22/2018	Authorization, Reference
01/09/2008	Authorization, Reference
01/09/2008	Ownership Change, Reference 589599
All letters (4)	

[CLOSE WINDOW](#)

**From:** [Mike Brinks](#)  
**To:** [Allie Butler](#)  
**Subject:** Re: Re: RE: FLB Executed Asset Purchase Agreement  
**Date:** Thursday, August 15, 2019 7:51:38 PM  
**Attachments:** [image005.png](#)  
[image006.png](#)  
[image007.png](#)  
[image008.png](#)  
[image009.png](#)  
[image010.png](#)  
[image013.png](#)  
[image002.png](#)  
[image003.png](#)  
[Outlook-flr.png](#)  
[Outlook-il.png](#)  
[Outlook-facebook.png](#)  
[Outlook-twitter.png](#)  
[Outlook-instagram.png](#)  
[Outlook-pinterest.png](#)  
[Outlook-facebook.png](#)  
[Outlook-twitter.png](#)  
[Outlook-instagram.png](#)  
[Outlook-pinterest.png](#)

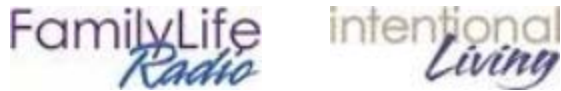
---

All I can do is to check the ASR records that are public as we purchased this station 15-20 years after that tower was built.

Mike Brinks | Director of FCC Compliance and Signal Development

Family Life Communications Incorporated

o 520.219.7730 | t 800.776.1070



---

**From:** Allie Butler <[abutler@deltaoaksgroup.com](mailto:abutler@deltaoaksgroup.com)>  
**Sent:** Thursday, August 15, 2019 10:51 AM  
**To:** Mike Brinks <[mbrinks@flc.org](mailto:mbrinks@flc.org)>; Matt Huffty <[mhuffty@gulfsouthtowers.com](mailto:mhuffty@gulfsouthtowers.com)>  
**Subject:** RE: Re: RE: FLB Executed Asset Purchase Agreement

Mike,  
Could you tell me when the original tower was built?



**Allie L. Butler**  
Office 919•342•8247  
Cell 919•437•6250

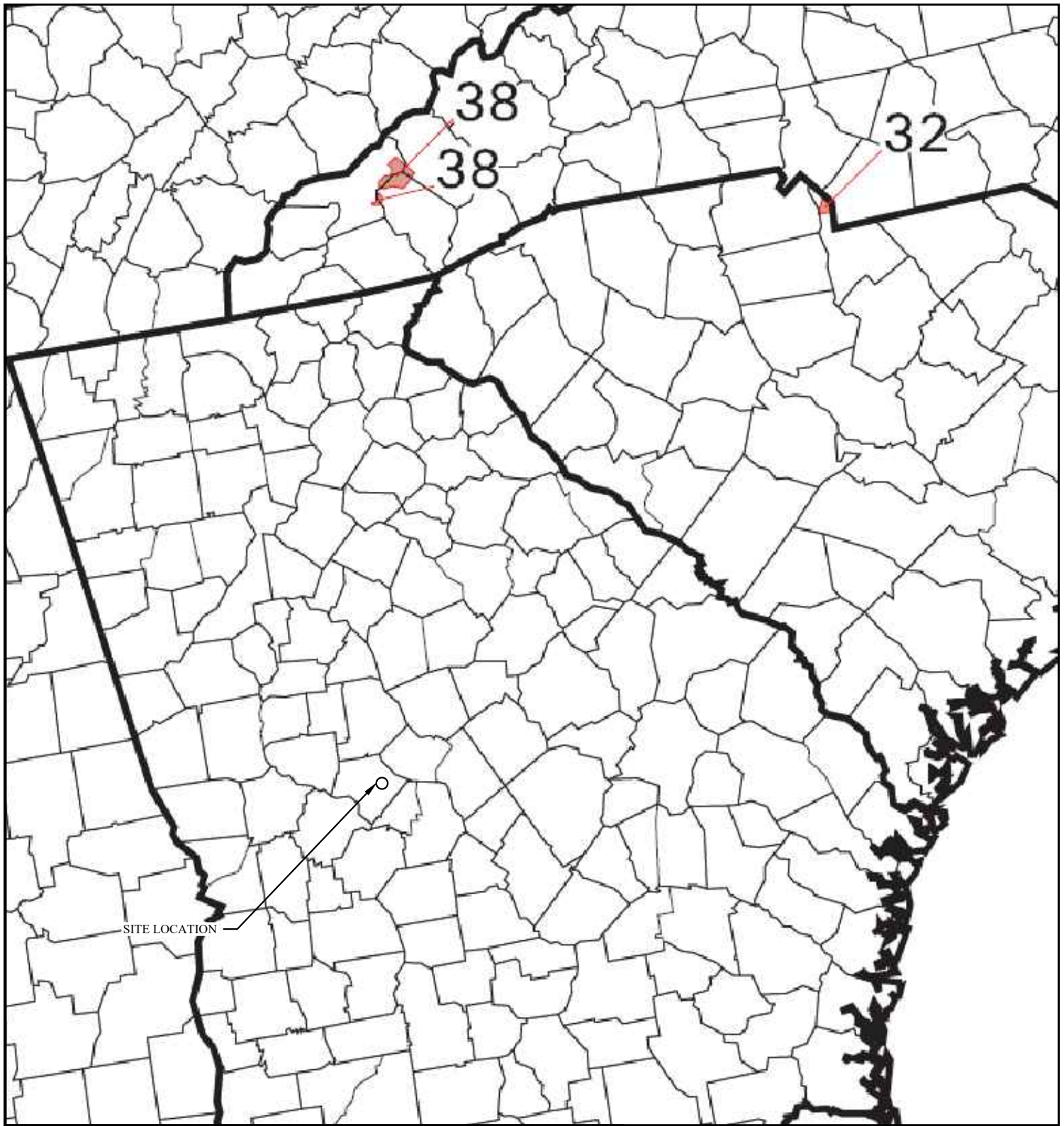
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PRIVILEGED AND CONFIDENTIAL: If you have received this message in error, please immediately notify the sender and purge the message. Do not forward this message without permission.

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#### **4.6 NATIVE AMERICAN CORRESPONDENCE**

4.6a BUREAU OF INDIAN AFFAIRS RESERVATION MAP



**BUREAU OF INDIAN AFFAIRS - INDIAN RESERVATION MAP**

PREPARED FOR:



GST CAPITAL PARTNERS, LLC  
330 MARSHALL STREET, STE 300  
SHREVEPORT, LA 71101  
PHONE: (318) 614-3369

PREPARED BY:



DELTA OAKS GROUP  
4904 PPROFESSIONAL COURT, SECOND FLOOR  
RALEIGH, NC 27609  
PHONE: (919) 342-8247

**SITE NAME:**

COLBERT-FORT VALLEY

**SITE ID:**

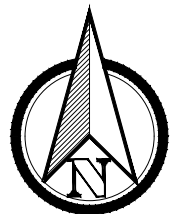
GA-2018004

**SITE ADDRESS:**

RICHARDSON MILL ROAD  
FORT VALLEY, GA 31030

**COORDINATES:**

LAT: 32° 41' 26.62" N  
LONG: 83° 51' 45.59" W



**NORTH**

#### **4.7 FLOODPLAINS**

##### *4.7a FEMA FLOOD INSURANCE RATE MAP*

























# National Flood Hazard Layer FIRMette



## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

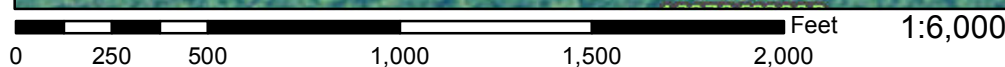
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/6/2019 at 3:37:31 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

32°41'41.74"N



USGS The National Map: Orthoimagery. Data refreshed April, 2019.



32°41'11.46"N

83°51'26.87"W

#### **4.8 SURFACE WATERS**

4.8a NATIONAL WETLANDS INVENTORY MAP

4.8b USGS SOIL MAP AND INFORMATION





U.S. Fish and Wildlife Service

# National Wetlands Inventory

## Colbert-Fort Valley



U.S. Fish and Wildlife Service, National Standards and Support Team,  
wetlands\_team@fws.gov

June 28, 2019

### Wetlands



Estuarine and Marine Deepwater



Estuarine and Marine Wetland



Freshwater Emergent Wetland



Freshwater Forested/Shrub Wetland



Freshwater Pond



Lake



Other



Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



# Soil Map—Crawford and Taylor Counties, Georgia (Colbert-Fort Valley)



Map Scale: 1:5,540 if printed on A landscape (11" x 8.5") sheet.

0 50 100 200 300 Meters

0 250 500 1000 1500 Feet

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84



**Natural Resources  
Conservation Service**

Web Soil Survey  
National Cooperative Soil Survey

8/6/2019  
Page 1 of 3

Soil Map—Crawford and Taylor Counties, Georgia  
(Colbert-Fort Valley)


## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

### Water Features



Streams and Canals

### Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

### Background



Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Crawford and Taylor Counties, Georgia

Survey Area Data: Version 16, Sep 13, 2018

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Oct 30, 2014—Nov 1, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
AgC	Ailey loamy sand, 5 to 12 percent slopes	4.8	2.9%
CwB	Cowarts loamy sand, 2 to 5 percent slopes	2.5	1.5%
CwC	Cowarts loamy sand, 5 to 12 percent slopes	25.2	15.6%
CwD	Cowarts loamy sand, 12 to 25 percent slopes	43.7	27.0%
FdB	Faceville sandy loam, 2 to 5 percent slopes	15.8	9.8%
FsB	Fuquay loamy sand, 1 to 5 percent slopes	14.1	8.7%
FsC	Fuquay loamy sand, 5 to 8 percent slopes	0.4	0.2%
LuB	Lucy loamy sand, 0 to 5 percent slopes	21.0	13.0%
TrB	Troup loamy sand, 0 to 5 percent slopes	15.6	9.7%
TrC	Troup loamy sand, 5 to 12 percent slopes	16.6	10.3%
W	Water	2.1	1.3%
<b>Totals for Area of Interest</b>		<b>161.7</b>	<b>100.0%</b>

#### 4.9 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS





## PROFESSIONAL RESUME

ALLIE BUTLER

PROJECT COORDINATOR/PROJECT SCIENTIST

### Education

Bachelor of Science, Environmental Sciences  
North Carolina State University  
Raleigh, North Carolina

### Areas of Expertise

Ms. Butler has experience performing site inspections and conducting environmental due diligence pursuant to EPA All Appropriate Inquiries (AAI) and the American Society of Testing and Materials (ASTM) for telecommunication and commercial projects.

Environmental service expertise includes the preparation and/or review of:

Phase I Environmental Site Assessments  
Informal Biological Assessments  
Historical and Current Topographic Maps  
Land Use History  
Flood Insurance Rate Maps

NEPA Environmental Assessments  
Field Reconnaissance  
Historical and Current Aerial Photographs  
National Wetlands Inventory Maps  
Soil Characterization



## PROFESSIONAL RESUME

BRANDON WALLER, P.E.  
DIRECTOR OF CIVIL ENGINEERING AND A&E SERVICES

### Education

Bachelor of Science, Civil Engineering  
Rochester Institute of Technology (R.I.T.)  
Rochester, New York

### Areas of Expertise

Mr. Waller is a licensed professional engineer with over 16 years of professional engineering and project management experience in the areas of land planning and site development, telecommunications site design, wastewater/storm water collection and conveyance systems, storm water management, hydrology and hydraulics, zoning, permitting, and environmental due diligence. Mr. Waller is experienced in the investigation and management of environmental due diligence pursuant to EPA All Appropriate Inquiries (AAI) and the American Society of Testing and Materials (ASTM), as well as National Environmental Policy Act (NEPA) and environmental permitting projects.

Environmental service expertise includes the preparation and/or review of:

Phase I Environmental Site Assessments	NEPA Environmental Assessments
Historical and Current Topographic Maps	Field Reconnaissance
Land Use History	Historical and Current Aerial Photographs
Flood Insurance Rate Maps	National Wetlands Inventory Maps
Erosion & Sediment Control Plans	Soil Characterization
Storm Water Pollution Prevention Plans	FCC Regulatory Compliance
SPDES & NPDES Permitting	Storm Water Quality Analysis
National Programmatic Agreement	Surface Water Hydrology

### Professional Registrations/Special Training

Licensed Professional Engineer (P.E.)  
OSHA 40-Hour Hazardous Waste and Emergency Response Training  
Permit Required Confined Space Training for Supervisors