



FLORIDA DEPARTMENT OF Environmental Protection

Northwest District
160 W. Government Street, Suite 308
Pensacola, FL 32502

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

Permittee/Authorized Entity:

Gulf Power Company
c/o Michael Spoor
One Energy Place
Pensacola, Florida 32520, Escambia County
Mike.G.Spoor@nexteraenergy.com

NFRC Geotech Gadsden County

Authorized Agent:

Florida Power & Light Company
Franck Leblanc
15340 Endeavor Drive
Jupiter, Florida 33478
Frank.L.Leblanc@fpl.com

**Environmental Resource Permit
State-owned Submerged Lands Authorization –Not Applicable**

**U.S. Army Corps of Engineers Authorization – Separate Corps Authorization
Required**

Gadsden County
Permit No.: 0378587-008-EI/20

**Permit Issuance Date: December 9, 2020
Permit Construction Phase Expiration Date: December 9, 2025**

Environmental Resource Permit

Permittee: Gulf Power Company
Permit No: 0378587-008-EI/20

PROJECT LOCATION

The activities authorized by this permit are located at 9 different locations (Table 1) within Gadsden County, Florida.

Table 1. Geotechnical Bore Locations

Parcel ID: Section, Township, and Range	Bore Location	Latitude (°N)	Longitude (°W)
FDOT Right-of-Way: S 23 / T 01 N / R 02 W	S-1628	30.482240	84.419141
FDOT Right-of-Way: S 23 / T 01 N / R 02 W	B-1629	30.483023	84.420169
FDOT Right-of-Way: S 23 / T 01 N / R 02 W	S-1630	30.484041	84.421508
4-09-1N-2W-0000-00341-0000: S 16 / T 01 N / R 02 W	B-1645	30.492150	84.438763
FDOT Right-of-Way: S 22 / T 02 N / R 04 W	B-1759	30.552333	84.626357
3-10-2N-5W-0000-00112-0100: S 10 / T 02 N / R 05 W	B-1817	30.591904	84.720190
FDOT Right-of-Way: S 25 / T 03 N / R 07 W	B-1933	30.631216	84.896750
FDOT Right-of-Way: S 26 / T 03 N / R 07 W	B-1936	30.632213	84.900280
FDOT Right-of-Way: S 26 / T 03 N / R 07 W	B-1938	30.633292	84.903123

PROJECT DESCRIPTION

The permittee is authorized to perform geotechnical investigations at nine separate locations with temporary impacts. Temporary vehicular access within wetlands during construction will be performed using vehicles generating minimum ground pressure to minimize rutting and other environmental impacts. When needed to prevent rutting or soil compaction, access vehicles will be operated on wooden, composite, metal, or other non-earthen construction mats. All mats will be removed as soon as practicable after equipment has completed passage through, or work has been completed. Areas disturbed for access will be restored to natural grades immediately. The proposed work is within unnamed wetlands. All impacts are considered temporary. Authorized activities are depicted on the attached exhibits.

AUTHORIZATIONS

NFRC Geotech Gadsden County

Environmental Resource Permit

The Department has determined that the activity qualifies for an Environmental Resource Permit. Therefore, the Environmental Resource Permit is hereby granted, pursuant to Part IV of Chapter 373, Florida Statutes (F.S.), and Chapter 62-330, Florida Administrative Code (F.A.C.).

Sovereignty Submerged Lands Authorization

As staff to the Board of Trustees of the Internal Improvement Trust Fund (Board of Trustees), the Department has determined the activity is not on submerged lands owned by the State of

Florida. Therefore, your project is not subject to the requirements of Chapter 253, F.S., or Rule 18-21, F.A.C.

Federal Authorization

Your proposed activity as outlined on your application and attached drawings **does not qualify** for federal authorization pursuant to the State Programmatic General Permit and a **SEPARATE permit** or authorization **shall be required** from the U.S. Army Corps of Engineers (Corps). You must apply separately to the Corps using the federal application form (ENG 4345). More information about Corps permitting may be found online in the Jacksonville District Regulatory Division Sourcebook. **Failure to obtain Corps authorization prior to construction could subject you to federal enforcement action by that agency.**

Authority for review – an agreement with the Corps entitled “Coordination Agreement Between the U. S. Army Corps of Engineers (Jacksonville District) and the Florida Department of Environmental Protection, or Duly Authorized Designee, State Programmatic General Permit,” Section 10 of the Rivers and Harbor Act of 1899, and Section 404 of the Clean Water Act.

Coastal Zone Management

Issuance of this authorization also constitutes a finding of consistency with Florida’s Coastal Zone Management Program, as required by Section 307 of the Coastal Zone Management Act.

Water Quality Certification

This permit also constitutes a water quality certification under Section 401 of the Clean Water Act, 33 U.S.C. 1341.

Other Authorizations

You are advised that authorizations or permits for this activity may be required by other federal, state, regional, or local entities including but not limited to local governments or municipalities. This permit does not relieve you from the requirements to obtain all other required permits or authorizations.

The activity described may be conducted only in accordance with the terms, conditions and attachments contained in this document. Issuance and granting of the permit and authorizations herein do not infer, nor guarantee, nor imply that future permits, authorizations, or modifications will be granted by the Department.

PERMIT CONDITIONS

The activities described must be conducted in accordance with:

- **The Specific Conditions**
- **The General Conditions**
- **The limits, conditions and locations of work shown in the attached drawings**
- **The term limits of this authorization**

You are advised to read and understand these conditions and drawings prior to beginning the authorized activities, and to ensure the work is conducted in conformance with all the terms, conditions, and drawings herein. If you are using a contractor, the contractor also should read and understand these conditions and drawings prior to beginning any activity. Failure to comply

with these conditions, including any mitigation requirements, shall be grounds for the Department to revoke the permit and authorization and to take appropriate enforcement action. Operation of the facility is not authorized except when determined to be in conformance with all applicable rules and this permit, as described.

SPECIFIC CONDITIONS – ADMINISTRATIVE/EMERGENCIES

1. The construction phase expires at 11:59 p.m. on the date indicated on the cover page of this permit.
2. For emergencies involving a serious threat to the public health, safety, welfare, or environment, the emergency telephone contact number is (800) 320-0519 (State Warning Point). The Department telephone number for reporting nonthreatening problems or system malfunctions is (850) 595-0663, day or night.
3. The mailing address for submittal of forms for the “Construction Commencement Notice”, “As-Built Certification ...”, “Request for Conversion of Stormwater Management Permit Construction Phase to Operation and Maintenance Phase”, or other correspondence is FDEP, SLERP, 160 W Government Street, Suite 308, Pensacola, Florida 32052.

SPECIFIC CONDITIONS – PRIOR TO ANY CONSTRUCTION

4. Prior to construction, the limits of impacts shall be clearly marked in a way that is clearly visible and obvious to anyone performing work on-site, including someone operating heavy equipment. Orange construction fence or tall flagged stakes along the construction limits are possible methods.
5. Best management practices for erosion control shall be implemented prior to testing commencement and shall be maintained at all times during testing to prevent siltation and turbid discharges in excess of State water quality standards pursuant to Rule 62-302, F.A.C. Methods shall include, but not limited to the use of staked haybales, staked filter cloth, sodding, seeding, staged construction and the installation of turbidity screens around the immediate project site.
6. If any construction de-watering is required, which results in an off-site discharge of ground water, the permittee and/or contractor shall ensure that the requirements of pertinent portions of Chapter 62-621, F.A.C. are met. Please contact Bill Evans, P.E., at (850) 595-0584, for more information.

SPECIFIC CONDITIONS – CONSTRUCTION ACTIVITIES

7. Wetland areas or water bodies, which are outside the specific limits of construction authorized by this permit, must be protected from erosion, siltation, scouring and dewatering. There shall be no discharge on violation of the water quality standards in Chapter 62-302, FAC. Turbidity/erosion controls shall be installed prior to cleaning, excavation or placement of fill material, shall be maintained until construction is completed, disturbed areas are stabilized, and turbidity levels have fallen to less than 29 NTU’s above background. The turbidity and erosion control devices shall be removed within 14 days once these conditions are met.
8. Any damage to wetlands outside of the authorized impact areas as a result of construction shall be immediately reported to the Department at (850)595-8300 and repaired by reestablishing the pre-construction elevations and replanting vegetation of the same species, size, and density as

that in the adjacent areas. The restoration shall be completed within 30 days of completion of construction, and the Department shall be notified of its completion within that same 30-day period.

9. The permit does not authorize the construction of any additional structures not illustrated on the permit drawings.

10. No construction or fill is authorized in the remaining un-impacted wetlands as indicated on the plan-view drawings.

11. All storage or stockpiling of tools or materials (i.e. lumber, pilings, etc.) shall be limited to uplands or within the impact areas authorized but this project. In addition, all equipment being utilized shall be limited to operation and storage in uplands or within the impact areas authorized by this permit.

12. Construction equipment shall not be repaired or refueled in wetlands or elsewhere within waters of the state.

13. Contractor shall, at all times during directional drilling activities, maintain appropriate equipment and materials in a readily-accessible location and condition, to effectively contain and clean up a drilling fluid frac-out or spill.

14. The use of drilling fluids shall not cause or contribute to a violation of state ground water quality criteria or standards, as defined in Chapter 62-520, F.A.C.

15. No drilling fluid or dredged material will be left above grade in the wetlands. Boreholes suspected to have penetrated a confining layer will be grouted from the bottom up and the severed materials will be removed from the wetland.

16. The following conditions relate to temporary impacts for equipment access through wetlands:

a. Access through wetlands will require the use of equipment with tracks or low ground pressure tires, the temporary placement of mats over wetland areas, or the lifting of equipment over the wetland areas into the sites. No dredging or filling, other than placement of temporary construction mats, is authorized for access to the dredged material management areas over wetlands.

b. Equipment access corridors through wetlands shall be restricted to an area no wider than 20 feet. The boundaries of these corridors shall be flagged prior to the use or construction of the dredged material management areas. All equipment must remain within the access corridor when crossing wetlands.

c. All temporary mats must be removed from wetland areas within 14 days of completion of the activity.

SPECIFIC CONDITIONS – OTHER LISTED SPECIES

17. This permit does not authorize the permittee to cause any adverse impact to or “take” of state listed species and other regulated species of fish and wildlife. Compliance with state laws regulating the take of fish and wildlife is the responsibility of the owner or applicant associated with this project. Please refer to Chapter 68A-27 of the Florida Administrative Code for definitions of “take” and a list of fish and wildlife species. If listed species are observed onsite,

FWC staff are available to provide decision support information or assist in obtaining the appropriate FWC permits. Most marine endangered and threatened species are statutorily protected and a “take” permit cannot be issued. Requests for further information or review can be sent to FWCConservationPlanningServices@MyFWC.com.

SPECIFIC CONDITIONS – CONSTRUCTION COMPLETION

18. All areas disturbed during the construction of this project, including trenches, stockpiles, or rutted soils, shall be returned to original grade immediately upon completion of the work authorized in this permit.

19. All cleared trees and vegetation, excess lumber, scrap wood, trash, garbage and any other type of debris shall be removed from wetlands/waters of the state within 14 days of completion of the work authorized in this permit.

GENERAL CONDITIONS FOR INDIVIDUAL PERMITS

The following general conditions are binding on all individual permits issued under chapter 62-330, F.A.C., except where the conditions are not applicable to the authorized activity, or where the conditions must be modified to accommodate project-specific conditions.

1. All activities shall be implemented following the plans, specifications and performance criteria approved by this permit. Any deviations must be authorized in a permit modification in accordance with Rule 62-330.315, F.A.C. Any deviations that are not so authorized may subject the permittee to enforcement action and revocation of the permit under Chapter 373, F.S.
2. A complete copy of this permit shall be kept at the work site of the permitted activity during the construction phase, and shall be available for review at the work site upon request by the Agency staff. The permittee shall require the contractor to review the complete permit prior to beginning construction.
3. Activities shall be conducted in a manner that does not cause or contribute to violations of state water quality standards. Performance-based erosion and sediment control best management practices shall be installed immediately prior to, and be maintained during and after construction as needed, to prevent adverse impacts to the water resources and adjacent lands. Such practices shall be in accordance with the *State of Florida Erosion and Sediment Control Designer and Reviewer Manual* (Florida Department of Environmental Protection and Florida Department of Transportation June 2007), and the *Florida Stormwater Erosion and Sedimentation Control Inspector’s Manual* (Florida Department of Environmental Protection, Nonpoint Source Management Section, Tallahassee, Florida, July 2008), which are both incorporated by reference in subparagraph 62-330.050(9)(b)5., F.A.C., unless a project-specific erosion and sediment control plan is approved or other water quality control measures are required as part of the permit.
4. At least 48 hours prior to beginning the authorized activities, the permittee shall submit to the Agency a fully executed Form 62-330.350(1), “Construction Commencement Notice,” [October 1, 2013], which is incorporated by reference in paragraph 62-330.350(1)(d), F.A.C., indicating the expected start and completion dates. A copy of this form may be obtained from the Agency, as described in subsection 62-330.010(5), F.A.C. If available, an Agency website that fulfills this notification requirement may be used in lieu of the form.

5. Unless the permit is transferred under Rule 62-330.340, F.A.C., or transferred to an operating entity under Rule 62-330.310, F.A.C., the permittee is liable to comply with the plans, terms and conditions of the permit for the life of the project or activity.
6. Within 30 days after completing construction of the entire project, or any independent portion of the project, the permittee shall provide the following to the Agency, as applicable:
 - a. For an individual, private single-family residential dwelling unit, duplex, triplex, or quadruplex – “Construction Completion and Inspection Certification for Activities Associated With a Private Single-Family Dwelling Unit” [Form 62-330.310(3)]; or
 - b. For all other activities – “As-Built Certification and Request for Conversion to Operational Phase” [Form 62-330.310(1)].
 - c. If available, an Agency website that fulfills this certification requirement may be used in lieu of the form.
7. If the final operation and maintenance entity is a third party:
 - a. Prior to sales of any lot or unit served by the activity and within one year of permit issuance, or within 30 days of as- built certification, whichever comes first, the permittee shall submit, as applicable, a copy of the operation and maintenance documents (see sections 12.3 thru 12.3.3 of Volume I) as filed with the Department of State, Division of Corporations and a copy of any easement, plat, or deed restriction needed to operate or maintain the project, as recorded with the Clerk of the Court in the County in which the activity is located.
 - b. Within 30 days of submittal of the as- built certification, the permittee shall submit “Request for Transfer of Environmental Resource Permit to the Perpetual Operation Entity” [Form 62-330.310(2)] to transfer the permit to the operation and maintenance entity, along with the documentation requested in the form. If available, an Agency website that fulfills this transfer requirement may be used in lieu of the form.
8. The permittee shall notify the Agency in writing of changes required by any other regulatory agency that require changes to the permitted activity, and any required modification of this permit must be obtained prior to implementing the changes.
9. This permit does not:
 - a. Convey to the permittee any property rights or privileges, or any other rights or privileges other than those specified herein or in Chapter 62-330, F.A.C.;
 - b. Convey to the permittee or create in the permittee any interest in real property;
 - c. Relieve the permittee from the need to obtain and comply with any other required federal, state, and local authorization, law, rule, or ordinance; or
 - d. Authorize any entrance upon or work on property that is not owned, held in easement, or controlled by the permittee.
10. Prior to conducting any activities on state-owned submerged lands or other lands of the state, title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund, the permittee must receive all necessary approvals and authorizations under Chapters 253 and 258, F.S. Written authorization that requires formal execution by the Board of Trustees of the Internal Improvement Trust Fund shall not be considered received until it has been fully executed.

11. The permittee shall hold and save the Agency harmless from any and all damages, claims, or liabilities that may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any project authorized by the permit.

12. The permittee shall notify the Agency in writing:

- a. Immediately if any previously submitted information is discovered to be inaccurate; and
- b. Within 30 days of any conveyance or division of ownership or control of the property or the system, other than conveyance via a long-term lease, and the new owner shall request transfer of the permit in accordance with Rule 62-330.340, F.A.C. This does not apply to the sale of lots or units in residential or commercial subdivisions or condominiums where the stormwater management system has been completed and converted to the operation phase.

13. Upon reasonable notice to the permittee, Agency staff with proper identification shall have permission to enter, inspect, sample and test the project or activities to ensure conformity with the plans and specifications authorized in the permit.

14. If any prehistoric or historic artifacts, such as pottery or ceramics, stone tools or metal implements, dugout canoes, or any other physical remains that could be associated with Native American cultures, or early colonial or American settlement are encountered at any time within the project site area, work involving subsurface disturbance in the immediate vicinity of such discoveries shall cease. The permittee or other designee shall contact the Florida Department of State, Division of Historical Resources, Compliance and Review Section, at (850) 245-6333 or (800) 847-7278, as well as the appropriate permitting agency office. Such subsurface work shall not resume without verbal or written authorization from the Division of Historical Resources. If unmarked human remains are encountered, all work shall stop immediately and notification shall be provided in accordance with Section 872.05, F.S.

15. Any delineation of the extent of a wetland or other surface water submitted as part of the permit application, including plans or other supporting documentation, shall not be considered binding unless a specific condition of this permit or a formal determination under Rule 62-330.201, F.A.C., provides otherwise.

16. The permittee shall provide routine maintenance of all components of the stormwater management system to remove trapped sediments and debris. Removed materials shall be disposed of in a landfill or other uplands in a manner that does not require a permit under Chapter 62-330, F.A.C., or cause violations of state water quality standards.

17. This permit is issued based on the applicant's submitted information that reasonably demonstrates that adverse water resource-related impacts will not be caused by the completed permit activity. If any adverse impacts result, the Agency will require the permittee to eliminate the cause, obtain any necessary permit modification, and take any necessary corrective actions to resolve the adverse impacts.

18. A Recorded Notice of Environmental Resource Permit may be recorded in the county public records in accordance with subsection 62-330.090(7), F.A.C. Such notice is not an encumbrance upon the property.

NOTICE OF RIGHTS

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until a subsequent order of the Department. Because the administrative hearing process is designed to formulate final agency action, the subsequent order may modify or take a different position than this action.

Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rules 28-106.201 and 28-106.301, F.A.C., a petition for an administrative hearing must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests are or will be affected by the agency determination;
- (c) A statement of when and how the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;
- (f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@FloridaDEP.gov. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant and persons entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of publication of the notice or within 21 days of receipt of the written notice, whichever occurs first. You cannot justifiably rely on the finality of this decision unless notice of this decision and the right of substantially affected persons to challenge this decision has been duly published or otherwise provided to all persons substantially affected by the decision. While you are not required to publish notice of this action, you may elect to do so pursuant to Rule 62-110.106(10)(a).

The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C. If you do not publish notice of this action, this waiver will not apply to persons who have not received written notice of this action.

Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@FloridaDEP.gov, before the deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation

Mediation is not available in this proceeding.

FLAWAC Review

The applicant, or any party within the meaning of Section 373.114(1)(a) or 373.4275, F.S., may also seek appellate review of this order before the Land and Water Adjudicatory Commission under Section 373.114(1) or 373.4275, F.S. Requests for review before the Land and Water Adjudicatory Commission must be filed with the Secretary of the Commission and served on the Department within 20 days from the date when this order is filed with the Clerk of the Department.

Judicial Review

Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S. by filing a Notice of Appeal pursuant to Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department in the Office of General Counsel (Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000) and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within 30 days from the date this action is filed with the Clerk of the Department.

Thank you for applying to the Submerged Lands and Environmental Resource Permit Program. If you have any questions regarding this matter, please contact Una Johnson at the letterhead address, at (850) 595-0585, or at Martha.U.Johnson@FloridaDEP.gov.

EXECUTION AND CLERKING

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Kimberly R. Allen
Permitting Program Administrator

KRA:muj

Attachment:

Project Drawings and Design Specs., 31 pages

Copies of 62-330 forms may be obtained at: <https://floridadep.gov/water/submerged-lands-environmental-resources-coordination/content/forms-environmental-resource>

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this document and all attachments were sent on the filing date below to the following listed persons:

Kimberly R. Allen, DEP, Kim.Allen@FloridaDEP.gov
DEP, Wade.Dandridge@FloridaDEP.gov, Kimberly.Pearce@FloridaDEP.gov,
Thomas.Kallemeyn@FloridaDEP.gov
Michael Leahy, mleahy@PickettUSA.com
Jude Dawson, jdawson@ectinc.com
Franck Leblanc, Frank.L.Leblanc@fpl.com
Gadsden County, jjeglie@gadsdencountyfl.gov

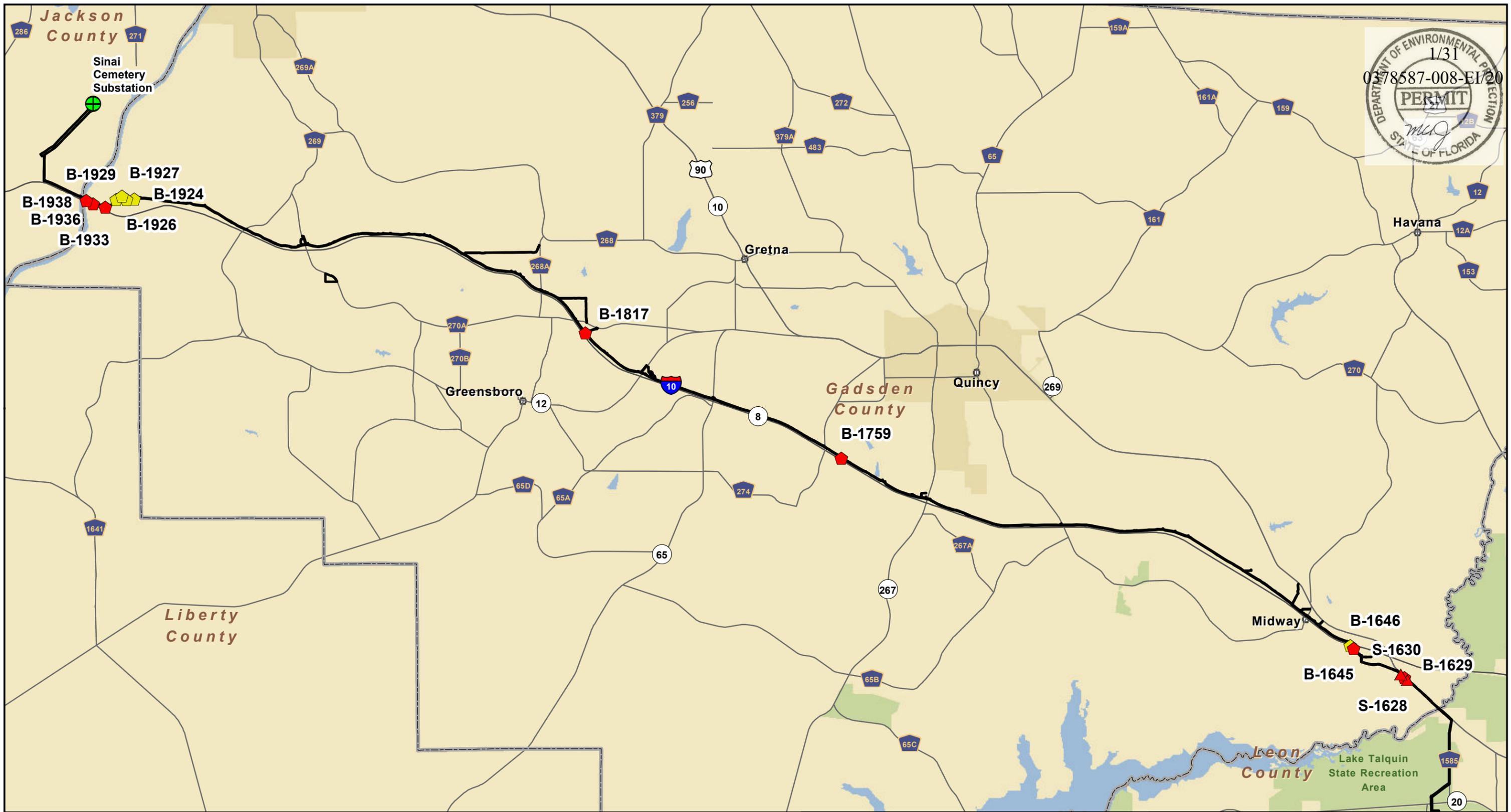
FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to Section 120.52, F.S., with the designated Department Clerk, receipt of which is hereby acknowledged.



Clerk

December 9, 2020
Date



LEGEND

NFRC Project Features

- Workspace
- Substation

Geotechnical ERP Features

- Bore in Upland
- Bore in Wetland
- SUE in Wetland

**FIGURE 1
LOCATION MAP
GADSDEN COUNTY**

SCALE: 1 in = 2 mile DATE: 9/9/2020 3:01:31 PM
DRAWN BY: unash FILE NAME: NFRC_GeoTechLocationGA

NORTH FLORIDA RESILIENCY CONNECTION



Sources: FDOT, 2018; ECT, 2019, E&E, 2019; Golder, 2019; ESRI, 2018

EPL 036923
NAD 1983 StatePlane Florida Albers
20210451
EPS 9003 Feet



LEGEND

NFRC Project Features

- Workspace

Geotechnical ERP Features

- Bore in Upland
- Bore in Wetland
- SUE in Wetland



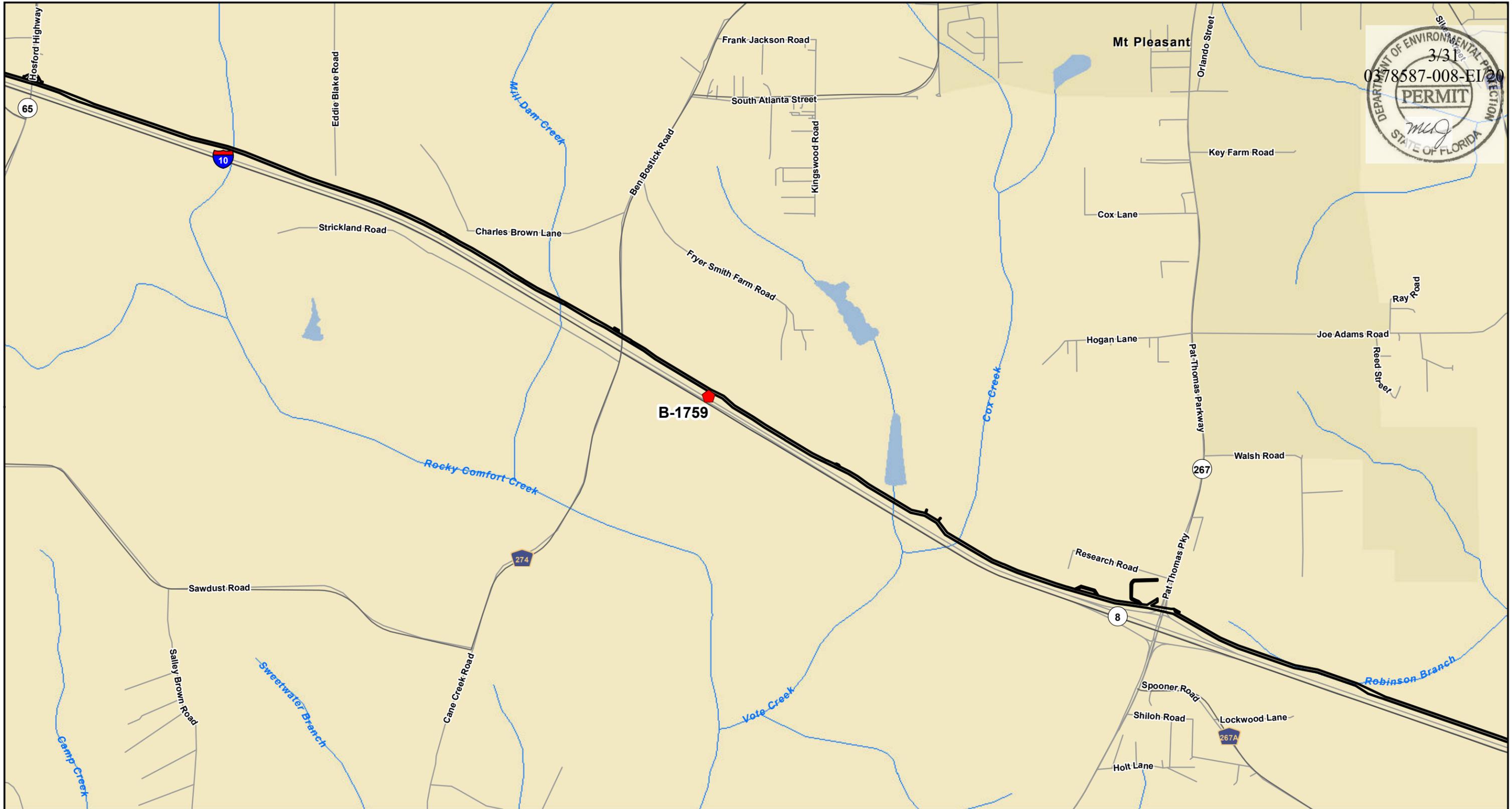
**FIGURE 2
ROAD MAP
GADSDEN COUNTY**

SCALE: 1 in = 2,000 feet
DATE: 7/14/2020 10:46:46 AM
DRAWN BY: unash
FILE NAME: NFRC_GeoTechRoadGA

NORTH FLORIDA RESILIENCY CONNECTION

0 1,000 2,000 Feet

EPI 036924
2020045E



LEGEND

NFRC Project Features	Geotechnical ERP Features
Workspace	Bore in Wetland



**FIGURE 2
ROAD MAP
GADSDEN COUNTY**

SCALE: 1 in = 2,000 feet DATE: 7/14/2020 10:46:46 AM
 DRAWN BY: unash FILE NAME: NFRC_GeoTechRoadGA

NORTH FLORIDA RESILIENCY CONNECTION

0 1,000 2,000
Feet

N

EPI_036925
2020045E



LEGEND	
NFRC Project Features	Geotechnical ERP Features
Workspace	Bore in Wetland



**FIGURE 2
ROAD MAP
GADSDEN COUNTY**

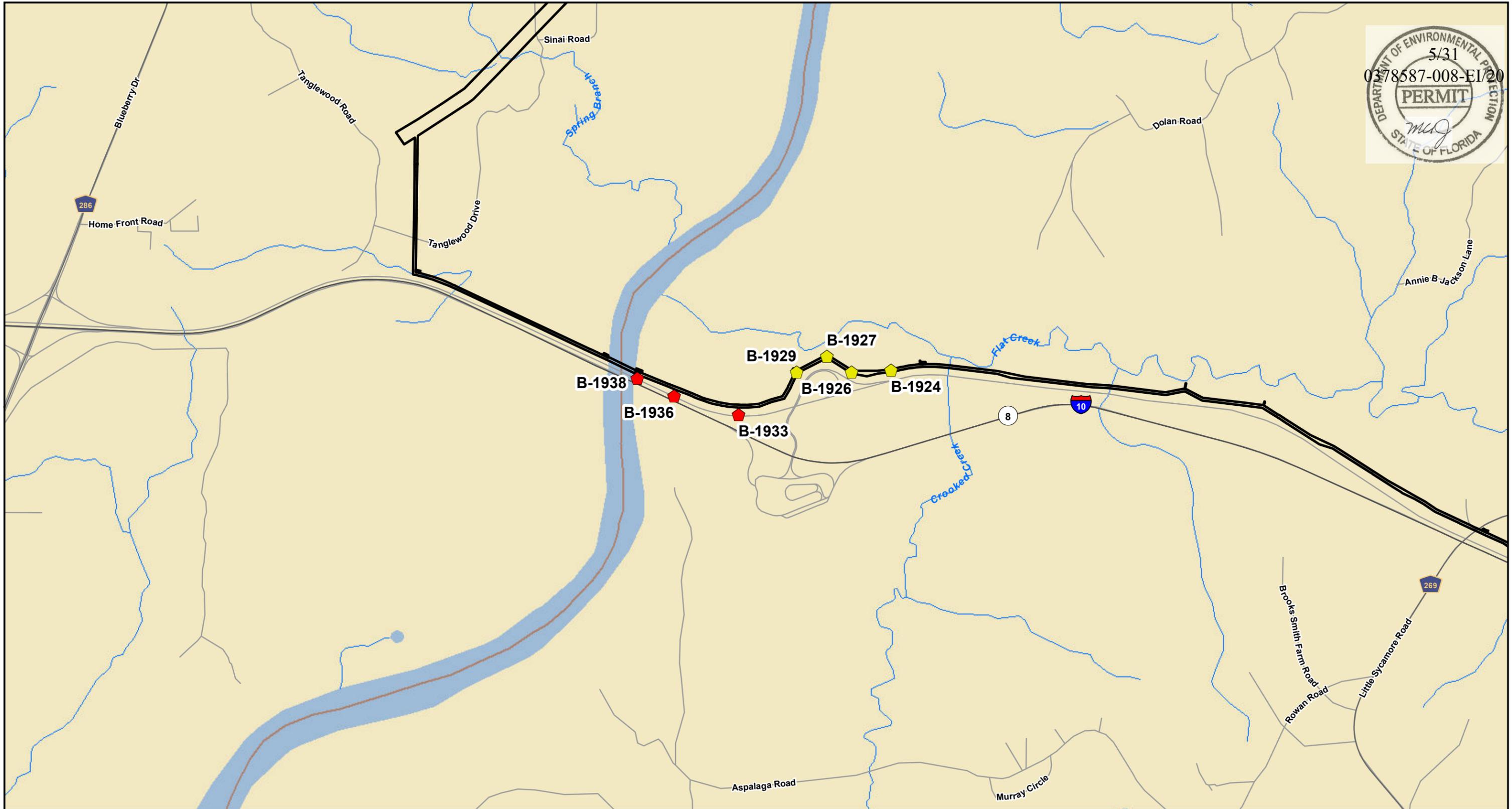
SCALE: 1 in = 2,000 feet DATE: 7/14/2020 10:46:46 AM
 DRAWN BY: unash FILE NAME: NFRC_GeoTechRoadGA

NORTH FLORIDA RESILIENCY CONNECTION

0 1,000 2,000
Feet

N

EPI_036926
2020045E1



LEGEND

NFRC Project Features

- Workspace

Geotechnical ERP Features

- Bore in Upland
- Bore in Wetland



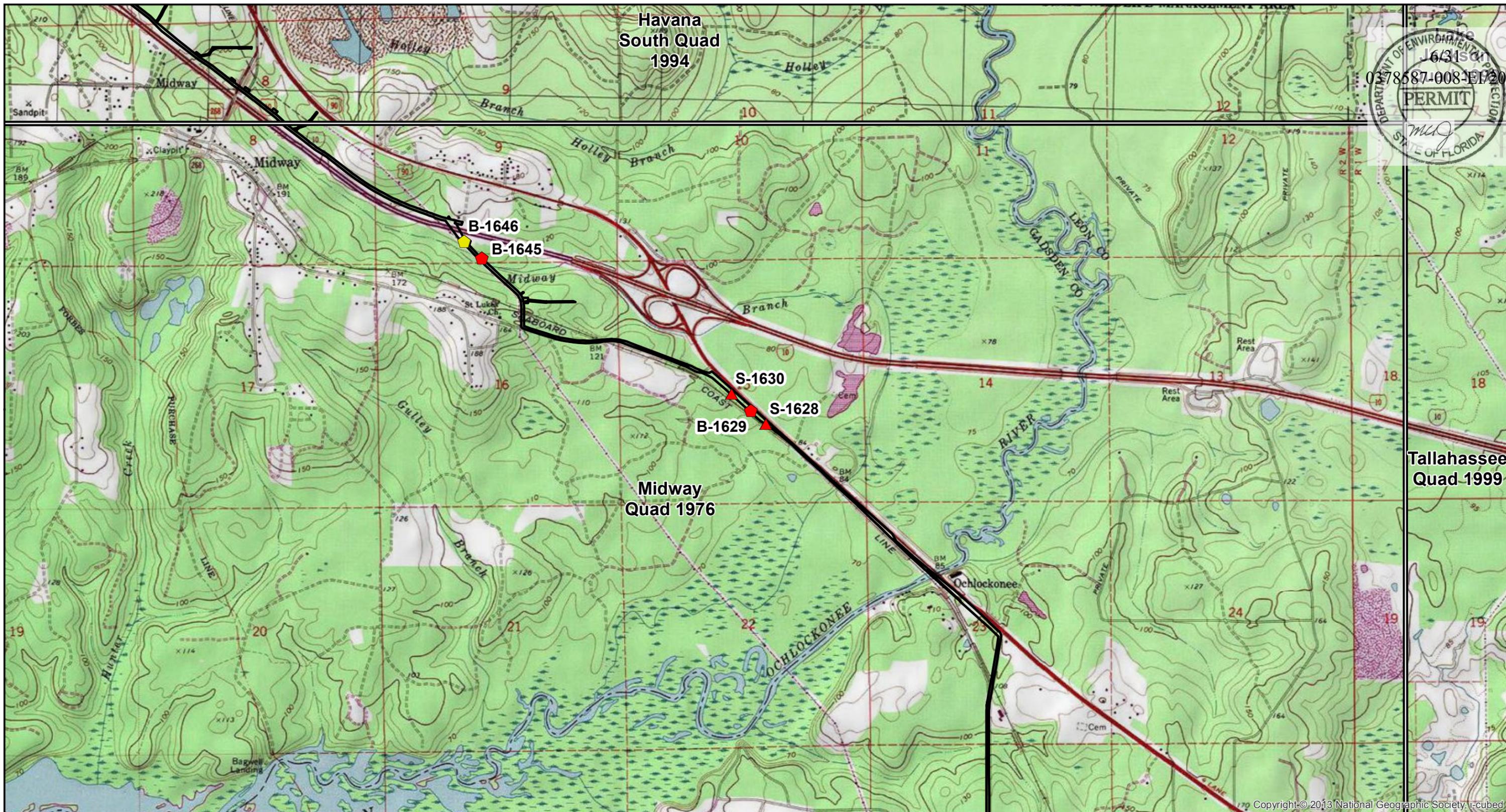
**FIGURE 2
ROAD MAP
GADSDEN COUNTY**

SCALE: 1 in = 2,000 feet DATE: 7/14/2020 10:46:46 AM
 DRAWN BY: unash FILE NAME: NFRC_GeoTechRoadGA

NORTH FLORIDA RESILIENCY CONNECTION

0 1,000 2,000 Feet

EPI_036927



DEPARTMENT OF ENVIRONMENTAL PROTECTION
 0378587-008-EP/20
 J631501
 PERMIT
 MLD
 STATE OF FLORIDA

LEGEND

NFR Project Features	Geotechnical ERP Features
Workspace	Bore in Upland
USGS Quadrangle Index (24k)	Bore in Wetland
	SUE in Wetland

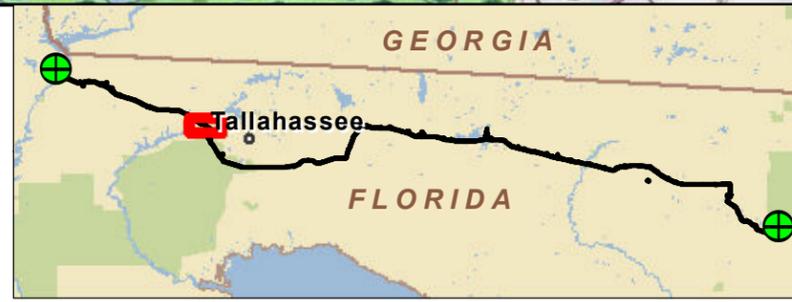


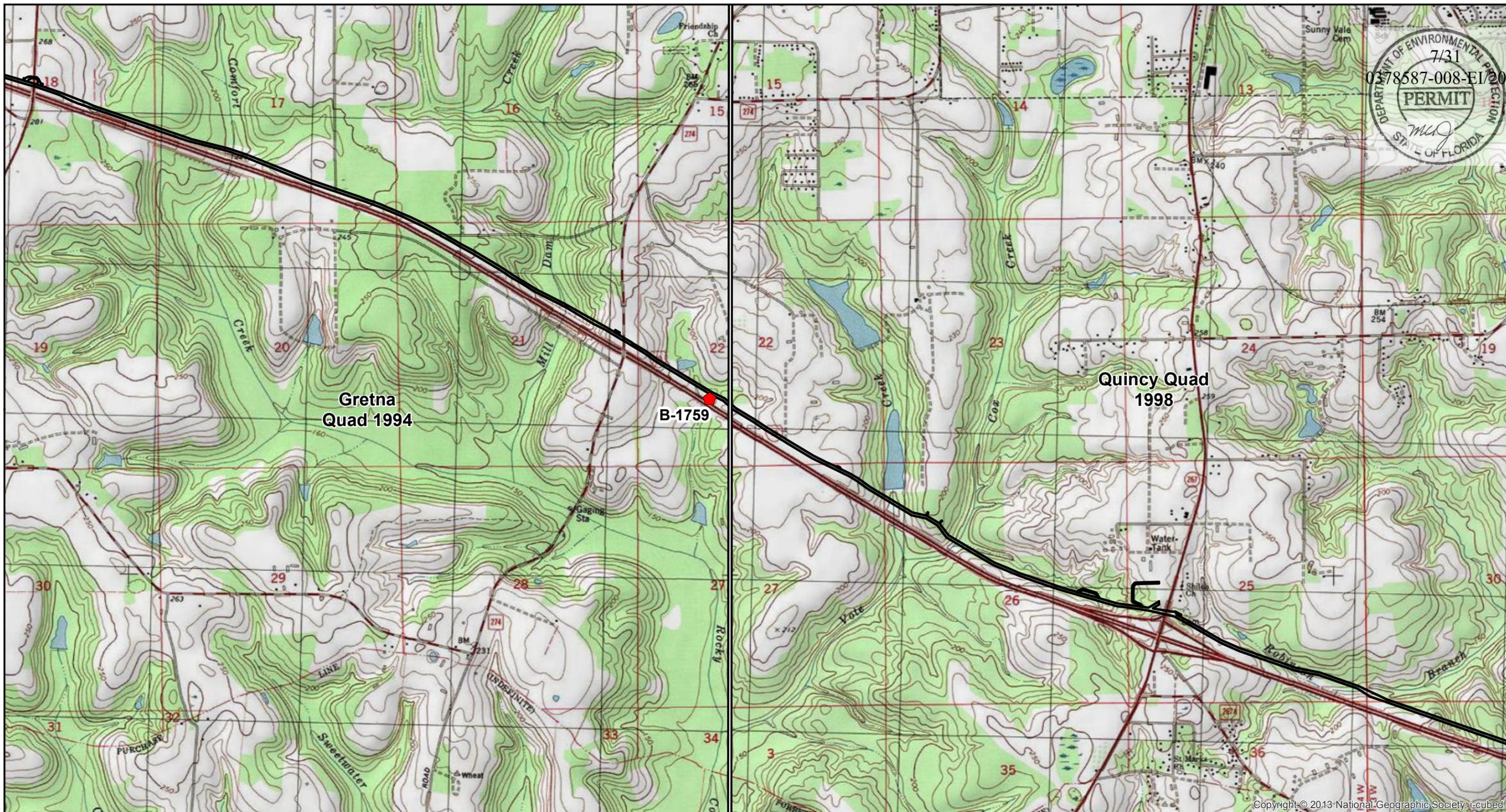
FIGURE 3
TOPOGRAPHIC MAP
GADSDEN COUNTY

SCALE: 1 in = 2,000 feet DATE: 7/14/2020 10:38:25 AM
 DRAWN BY: unash FILE NAME: NFR_GeoTechTopoGA

NORTH FLORIDA RESILIENCY CONNECTION

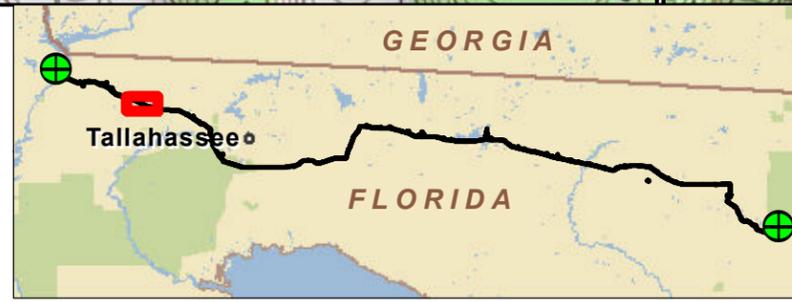
0 1,000 2,000 Feet

EPI 036928
2020045EPI



LEGEND

NFRC Project Features	Geotechnical ERP Features
Workspace	Bore in Wetland
USGS Quadrangle Index (24k)	



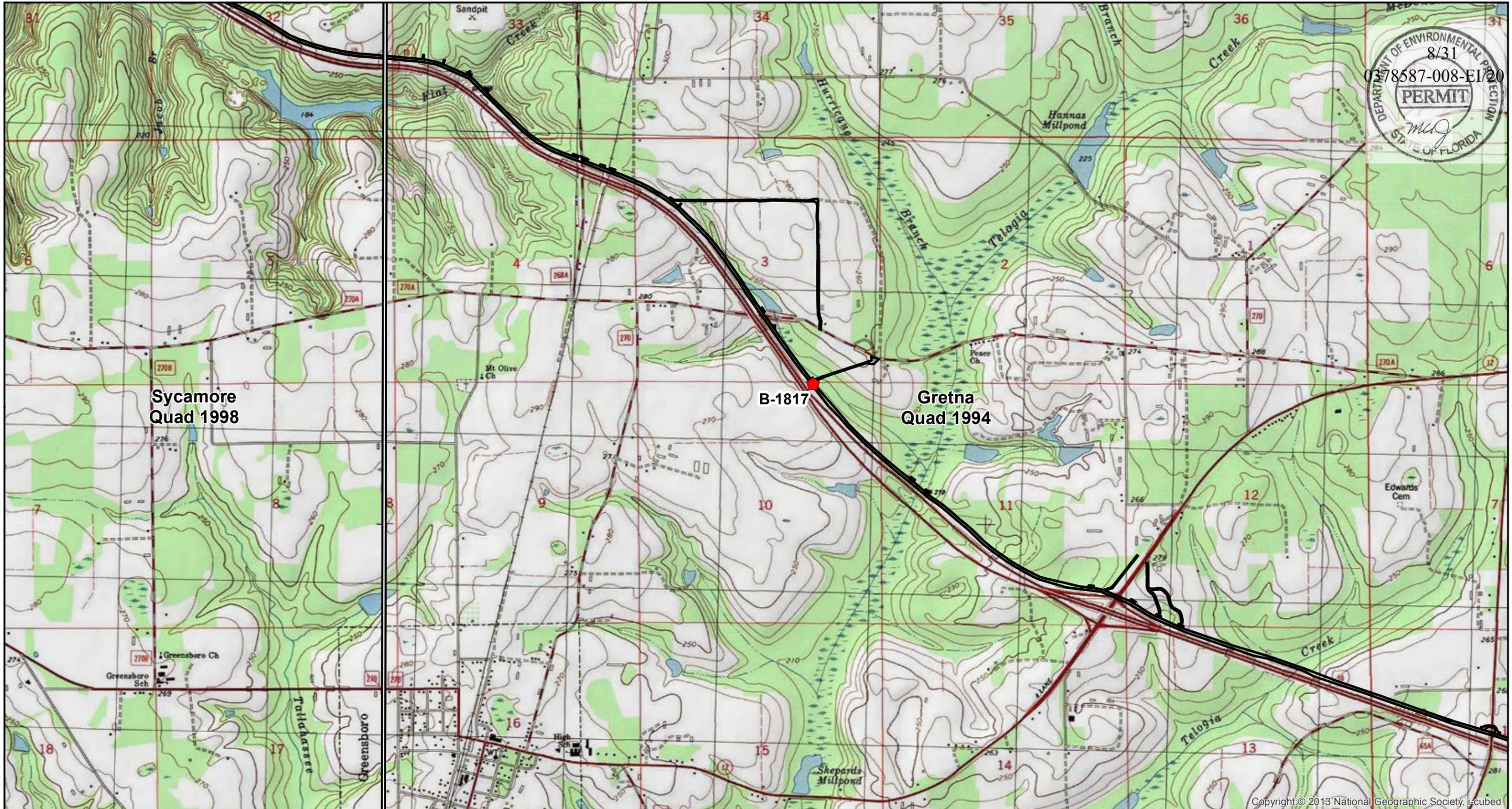
**FIGURE 3
TOPOGRAPHIC MAP
GADSDEN COUNTY**

SCALE: 1 in = 2,000 feet DATE: 7/14/2020 10:38:25 AM
 DRAWN BY: unash FILE NAME: NFRC_GeoTechTopoGA

NORTH FLORIDA RESILIENCY CONNECTION

0 1,000 2,000
Feet

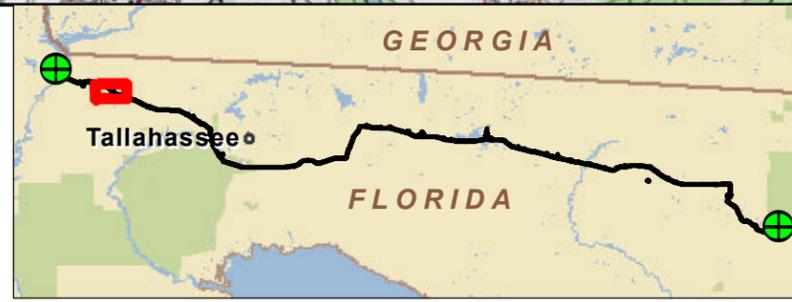
EPI 036929
NAD 1983 StatePlane F2021045EIPS 0903 Feet



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LEGEND

NFRC Project Features	Geotechnical ERP Features
Workspace	Bore in Wetland
USGS Quadrangle Index (24k)	

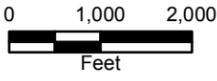


**FIGURE 3
TOPOGRAPHIC MAP
GADSDEN COUNTY**

SCALE: 1 in = 2,000 feet DATE: 7/14/2020 10:38:25 AM
DRAWN BY: unash FILE NAME: NFRC_GeoTechTopoGA

NORTH FLORIDA RESILIENCY CONNECTION

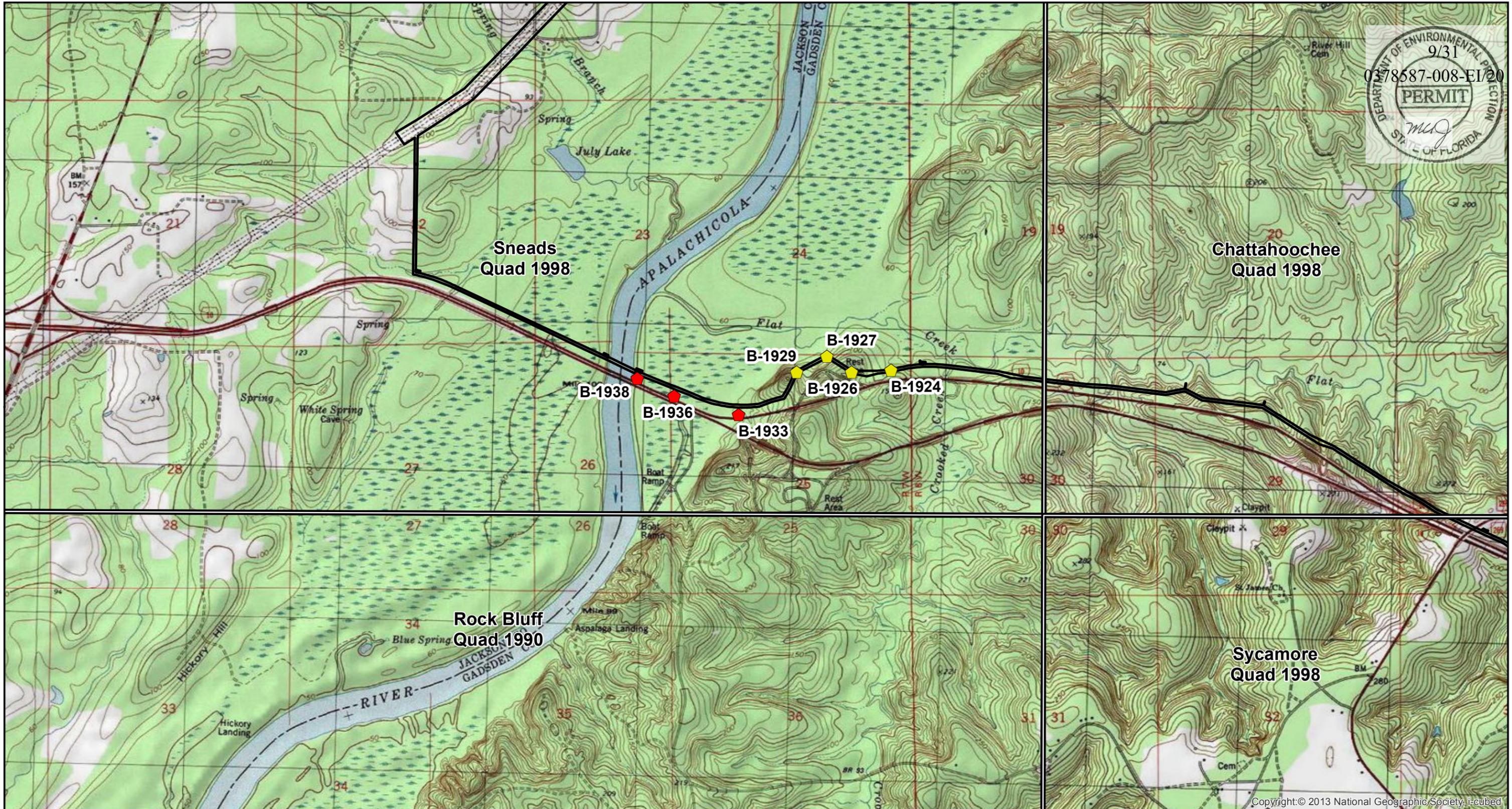





EPI_036930
20210415

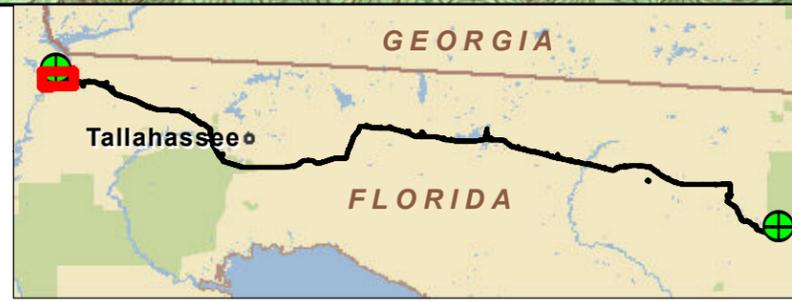
Sources: FDOT, 2018; ECT, 2019, E&E, 2019; Golder, 2019; ESRI, 2018

NAD 1983 StatePlane Florida Albers EPS 9003 Feet



LEGEND

NFRC Project Features	Geotechnical ERP Features
Workspace	Bore in Upland
USGS Quadrangle Index (24k)	Bore in Wetland



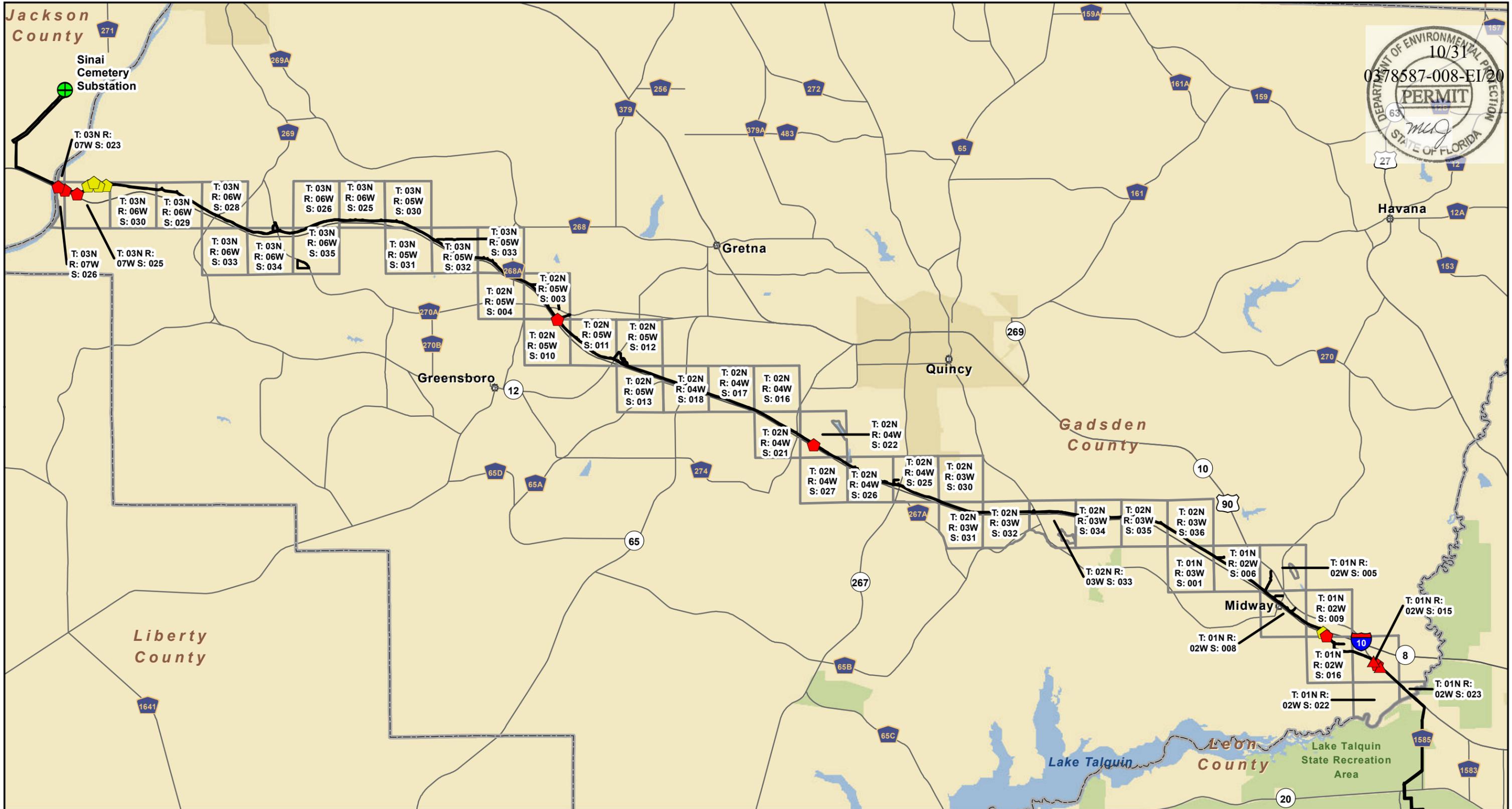
**FIGURE 3
TOPOGRAPHIC MAP
GADSDEN COUNTY**

SCALE: 1 in = 2,000 feet DATE: 7/14/2020 10:38:25 AM
 DRAWN BY: unash FILE NAME: NFRC_GeoTechTopoGA

NORTH FLORIDA RESILIENCY CONNECTION

0 1,000 2,000 Feet

EPI_036931
20210415



LEGEND	
NFRC Project Features	Geotechnical ERP Features
Workspace	Bore in Upland
Substation	Bore in Wetland
Township-Range-Section	SUE in Wetland

FIGURE 4
TOWNSHIP-RANGE-SECTION MAP
GADSDEN COUNTY

SCALE: 1 in = 2 miles DATE: 7/14/2020 11:47:58 AM
 DRAWN BY: unash FILE NAME: NFRC_GeoTechTRS_GA

NORTH FLORIDA RESILIENCY CONNECTION



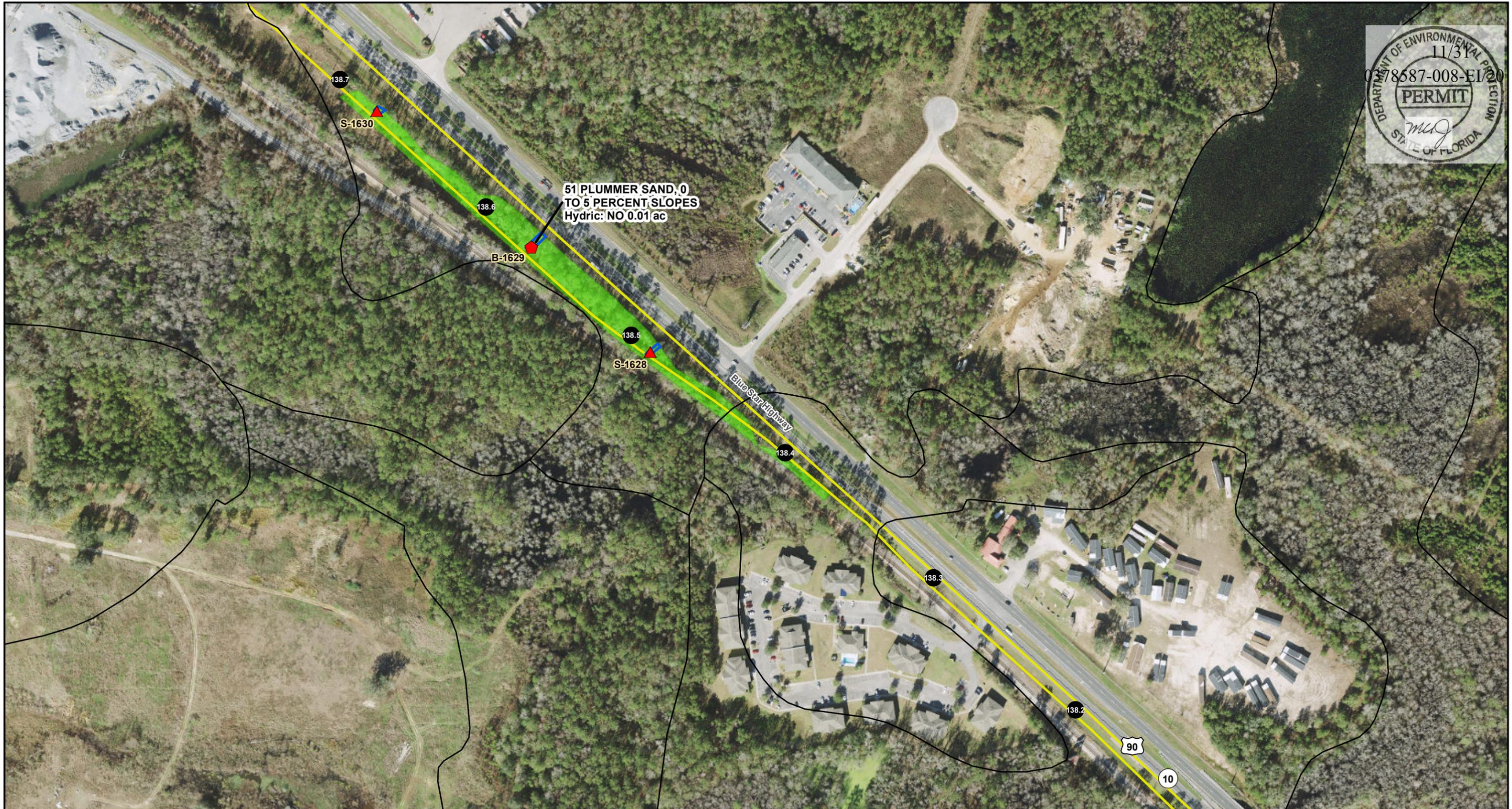


Miles



EPI_036932
 2021045EPI

Sources: FDOT, 2018; ECT, 2019, E&E, 2019; Golder, 2019; ESRI, 2018 NAD 1983 StatePlane Florida Albers Projection Units: US Feet



- LEGEND**
- NFRC Project Features**
- Project Boundary
 - Wetland
- Geotechnical ERP Features**
- ◆ Bore in Wetland
 - ▲ SUE in Wetland
 - Soils



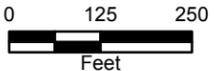
**FIGURE 5
GEOTECH SOILS MAP**

SHEET 1 of 7 COUNTY: GADSDEN
 SCALE: 1 in = 250 feet FILE NAME: NFRC_GeoTechIndivSoilsGA
 DRAWN BY: unash DATE: 9/9/2020 2:53:18 PM

NOTE: Acreage values of 0 are less than 0.001 acre.
 Sources: USDA, 2019; FDOT, 2016, 2019; ECT, 2019; ESRI, 2018

NORTH FLORIDA RESILIENCY CONNECTION



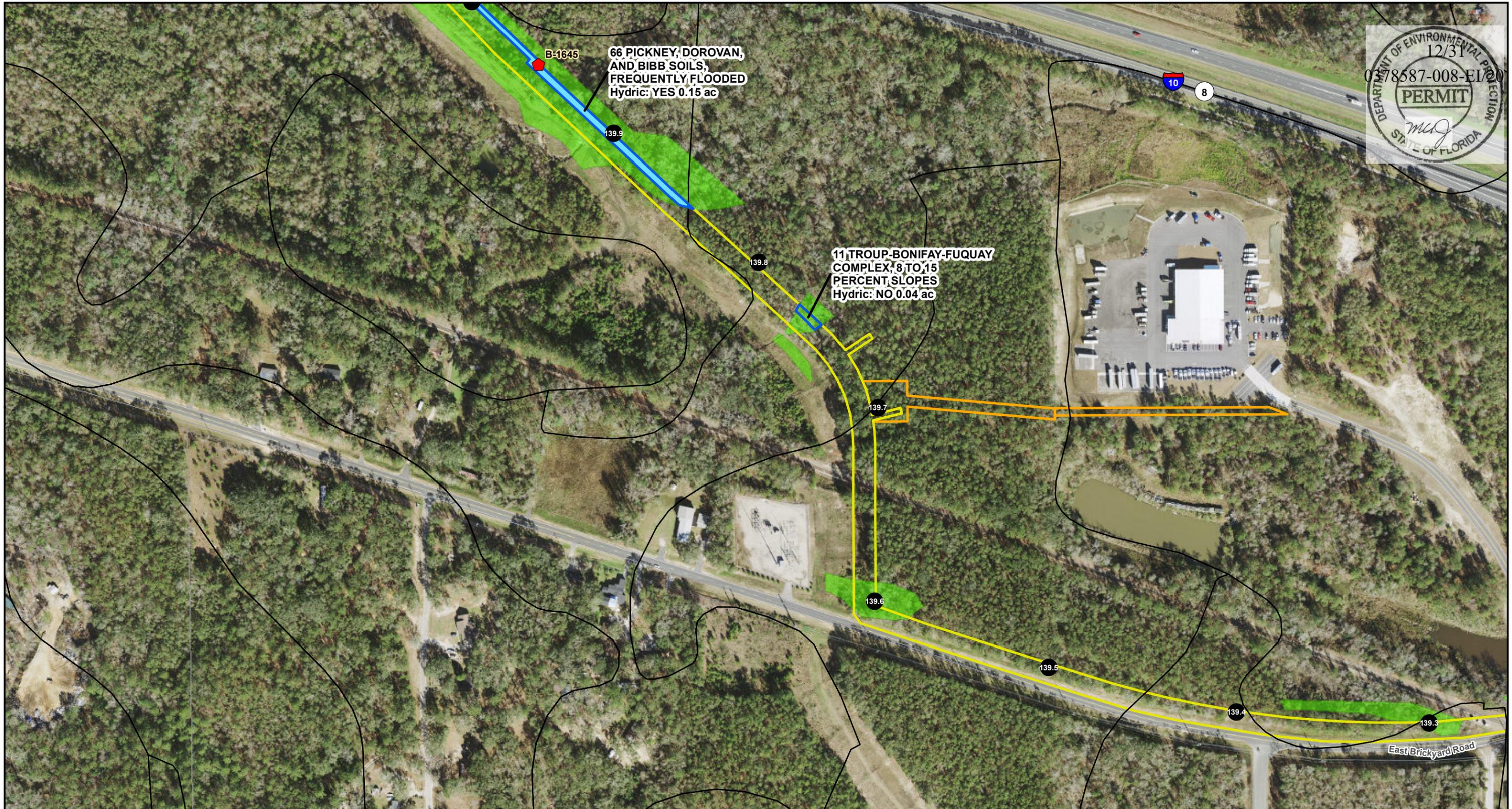


0 125 250
Feet



N

EPI 036933
 2021045EPI



- LEGEND**
- NFRC Project Features**
- Project Boundary
 - Access Area
 - Wetland
- Geotechnical ERP Features**
- Bore in Wetland
 - Soils
 - Hydic Soils



**FIGURE 5
GEOTECH SOILS MAP**

SHEET 2 of 7
SCALE: 1 in = 250 feet
DRAWN BY: unash

COUNTY: GADSDEN
FILE NAME: NFRC_GeoTechIndivSoilsGA
DATE: 9/9/2020 2:53:18 PM

NOTE: Acreage values of 0 are less than 0.001 acre.
Sources: USDA, 2019; FDOT, 2016, 2019; ECT, 2019; ESRI, 2018

NORTH FLORIDA RESILIENCY CONNECTION

0 125 250 Feet

EPI 036934
20210415



- LEGEND**
- NFRC Project Features**
- Project Boundary
 - Access Area
 - Wetland

- Geotechnical ERP Features**
- ◆ Bore in Upland
 - GeoTech Access
 - Soils
 - Hydric Soils



**FIGURE 5
GEOTECH SOILS MAP**

SHEET 3 of 7
 SCALE: 1 in = 250 feet
 DRAWN BY: unash

COUNTY: GADSDEN
 FILE NAME: NFRC_GeoTechIndivSoilsGA
 DATE: 9/9/2020 2:53:18 PM

NOTE: Acreage values of 0 are less than 0.001 acre.
 Sources: USDA, 2019; FDOT, 2016, 2019; ECT, 2019; ESRI, 2018

NORTH FLORIDA RESILIENCY CONNECTION



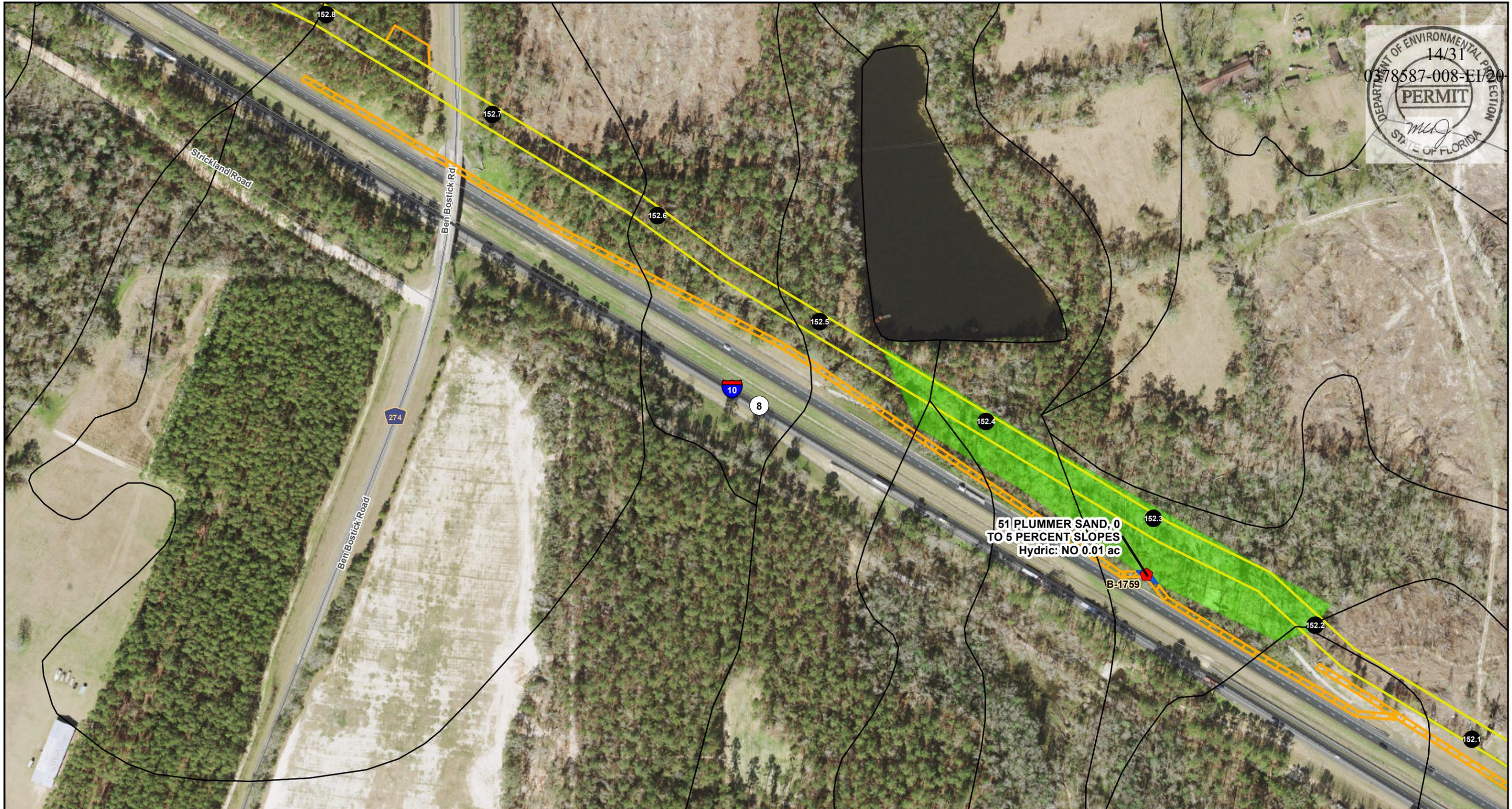


0 125 250
Feet



N

EPI 036935
20210415



51 PLUMMER SAND, 0 TO 5 PERCENT SLOPES
Hydric: NO 0.01 ac

- LEGEND**
- NFRC Project Features**
- Project Boundary
 - Access Area
 - Wetland

- Geotechnical ERP Features**
- ◆ Bore in Wetland
 - GeoTech Access
 - Soils



**FIGURE 5
GEOTECH SOILS MAP**

SHEET 4 of 7
SCALE: 1 in = 250 feet
DRAWN BY: unash

COUNTY: GADSDEN
FILE NAME: NFRC_GeoTechIndivSoilsGA
DATE: 9/9/2020 2:53:18 PM

NOTE: Acreage values of 0 are less than 0.001 acre.
Sources: USDA, 2019; FDOT, 2016, 2019; ECT, 2019; ESRI, 2018

NORTH FLORIDA RESILIENCY CONNECTION



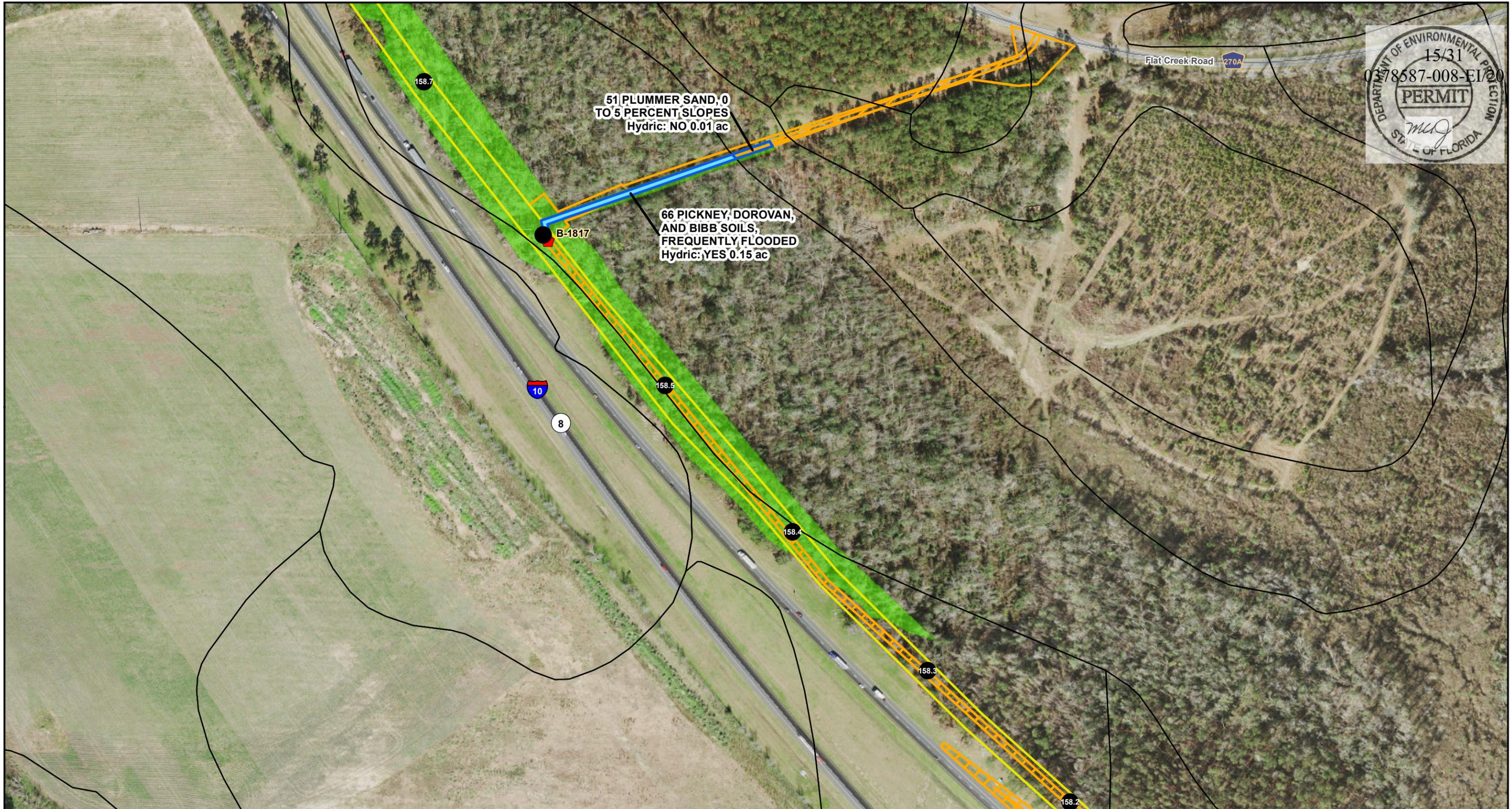


0 125 250
Feet



N

EPL 036936
2021045E1
NAD 1983 StatePlane FIPS 9903 Feet



LEGEND	Geotechnical ERP Features
NFRC Project Features	
Project Boundary	Bore in Wetland
Access Area	GeoTech Access
Wetland	Soils
	Hydric Soils



**FIGURE 5
GEOTECH SOILS MAP**

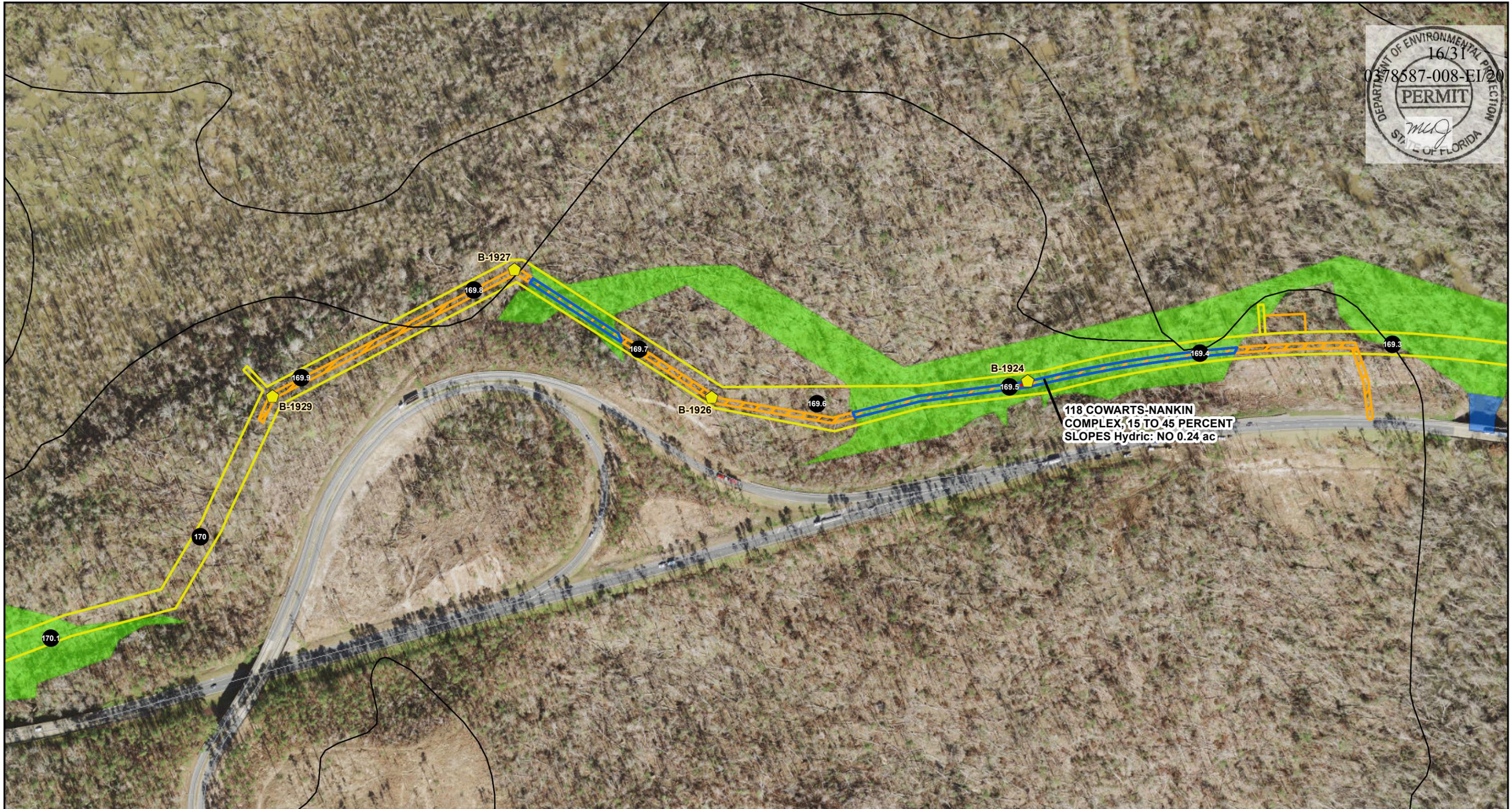
SHEET 5 of 7 COUNTY: GADSDEN
 SCALE: 1 in = 250 feet FILE NAME: NFRC_GeoTechIndivSoilsGA
 DRAWN BY: unash DATE: 9/9/2020 2:53:18 PM

NOTE: Acreage values of 0 are less than 0.001 acre.
 Sources: USDA, 2019; FDOT, 2016, 2019; ECT, 2019; ESRI, 2018

NORTH FLORIDA RESILIENCY CONNECTION

0 125 250 Feet

EPI 036937
 2021045EIP0903 Feet



- LEGEND**
- NFRC Project Features**
- Project Boundary
 - Access Area
 - Wetland
 - Stream

- Geotechnical ERP Features**
- ◆ Bore in Upland
 - GeoTech Access
 - Soils



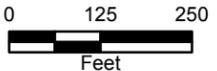
**FIGURE 5
GEOTECH SOILS MAP**

SHEET 6 of 7 COUNTY: GADSDEN
 SCALE: 1 in = 250 feet FILE NAME: NFRC_GeoTechIndivSoilsGA
 DRAWN BY: unash DATE: 9/9/2020 2:53:18 PM

NOTE: Acreage values of 0 are less than 0.001 acre.
 Sources: USDA, 2019; FDOT, 2016, 2019; ECT, 2019; ESRI, 2018

NORTH FLORIDA RESILIENCY CONNECTION



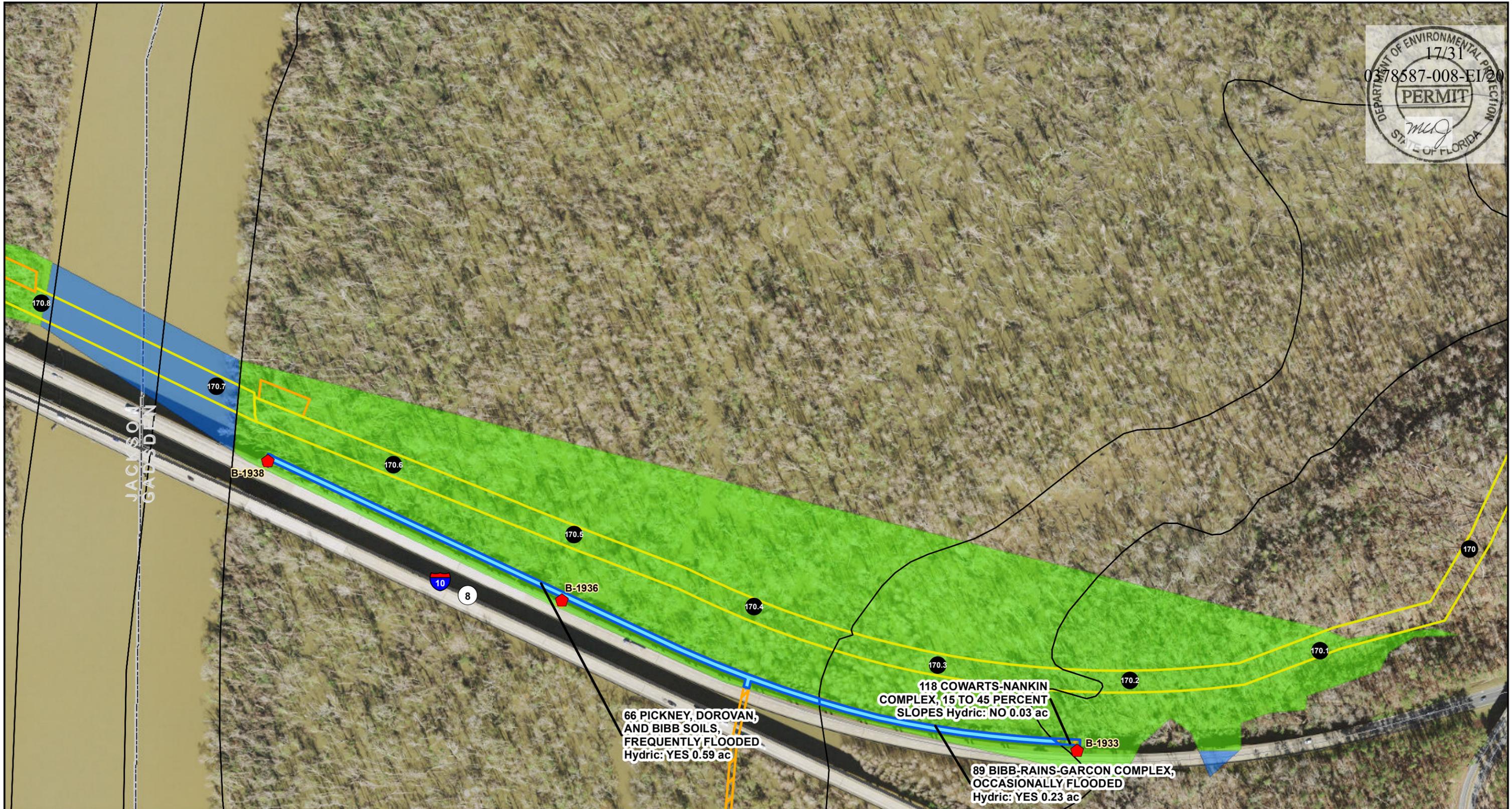


0 125 250
Feet



N

EPI 036938
20210415



- LEGEND**
- NFRC Project Features**
- Project Boundary
 - Access Area
 - Wetland
 - Stream

- Geotechnical ERP Features**
- ◆ Bore in Wetland
 - GeoTech Access
 - Soils
 - Hydric Soils



**FIGURE 5
GEOTECH SOILS MAP**

SHEET 7 of 7 COUNTY: GADSDEN
 SCALE: 1 in = 250 feet FILE NAME: NFRC_GeoTechIndivSoilsGA
 DRAWN BY: unash DATE: 9/9/2020 2:53:18 PM

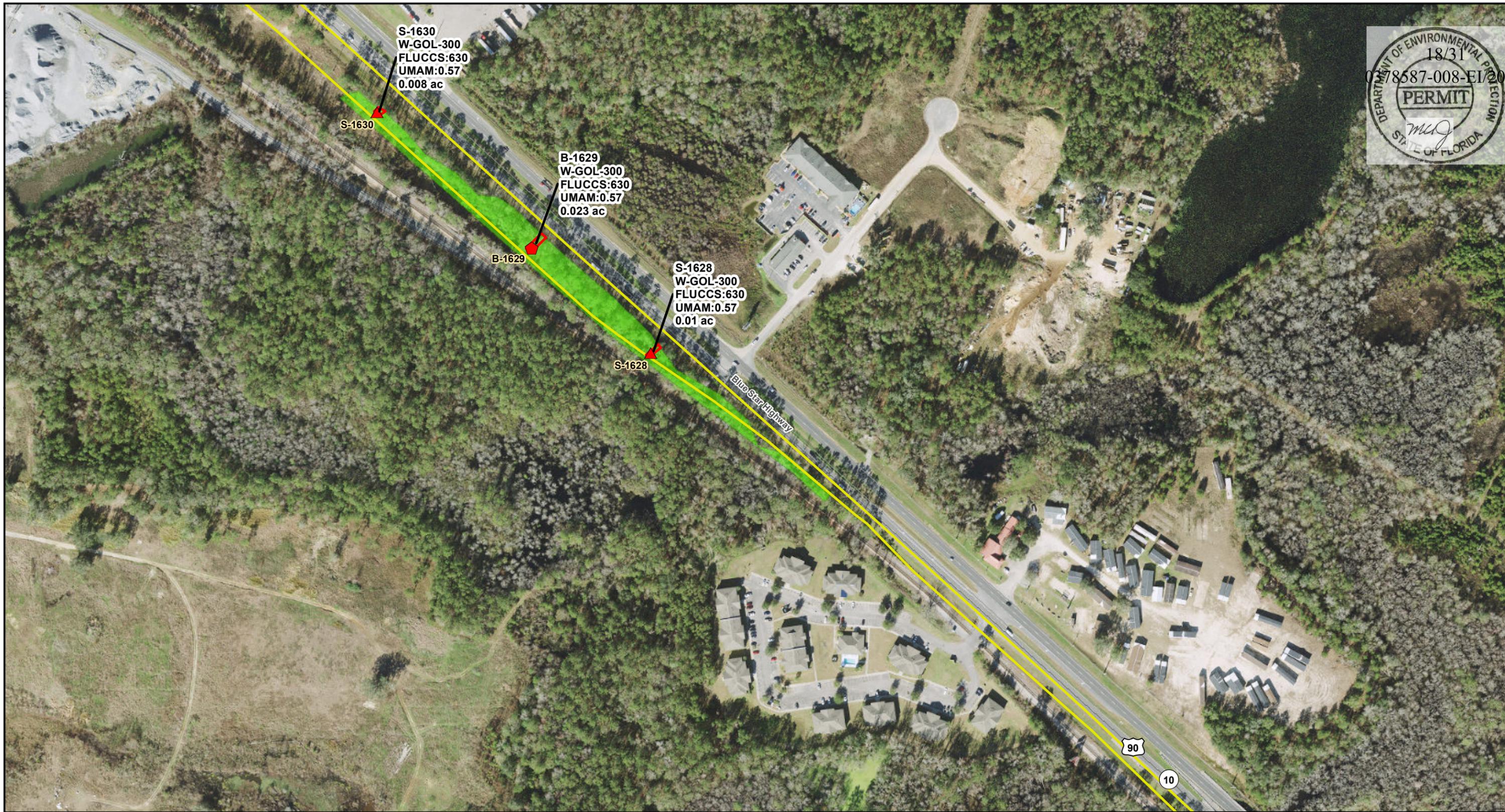
NOTE: Acreage values of 0 are less than 0.001 acre.
 Sources: USDA, 2019; FDOT, 2016, 2019; ECT, 2019; ESRI, 2018

NORTH FLORIDA RESILIENCY CONNECTION

0 125 250
Feet

N

EPI_036939
2021045E1



LEGEND

NFRC Project Features

- Project Boundary
- Wetland

Geotechnical ERP Features

- Bore in Wetland
- SUE in Wetland
- Wetland Impact



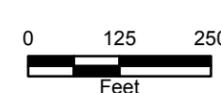
**FIGURE 6
GEOTECH
WETLAND IMPACTS MAP**

SHEET 1 of 7
 SCALE: 1 in = 250 feet
 DRAWN BY: unash
 COUNTY: GADSDEN
 FILE NAME: NFRC_GeoTechIndivImpactsGA
 DATE: 9/9/2020 2:33:19 PM

NOTE: Acreage values of 0.00 are less than 0.01 acre. Refer to TABLE 8.

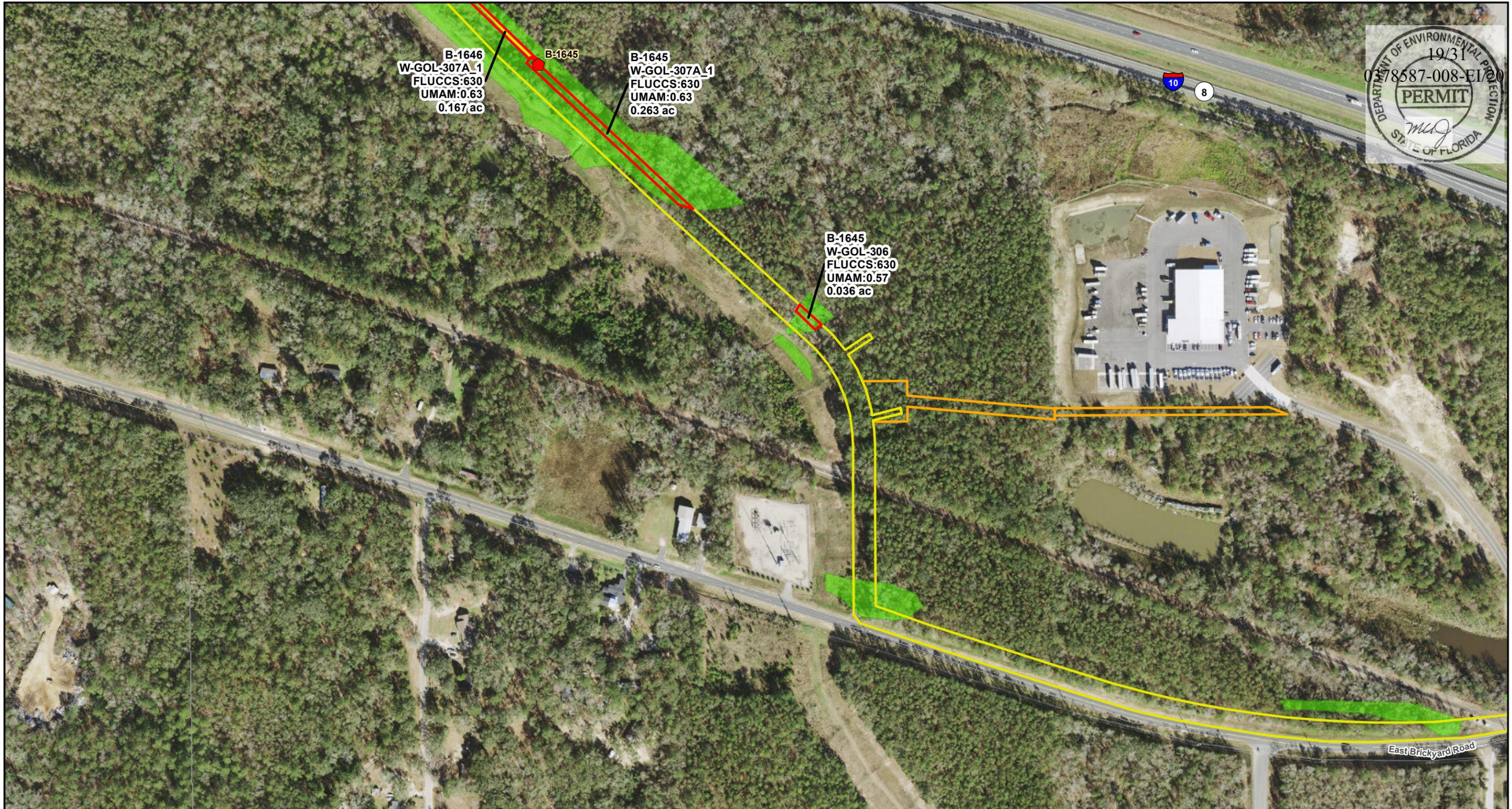
Sources: FDOT, 2016, 2019; ECT, 2019; ESRI, 2018

NORTH FLORIDA RESILIENCY CONNECTION



EPL 036940

NAD 1983 StatePlane Florida Albers EPS 0903 Feet



B-1646
W-GOL-307A_1
FLUCCS:630
UMAM:0.63
0.167 ac

B-1645
W-GOL-307A_1
FLUCCS:630
UMAM:0.63
0.263 ac

B-1645
W-GOL-306
FLUCCS:630
UMAM:0.57
0.036 ac

LEGEND
NFRC Project Features
 Project Boundary
 Access Area
 Wetland

Geotechnical ERP Features
 Bore in Wetland
 Wetland Impact



**FIGURE 6
GEOTECH
WETLAND IMPACTS MAP**
 SHEET 2 of 7 COUNTY: GADSDEN
 SCALE: 1 in = 250 feet FILE NAME: NFRC_GeoTechIndivImpactsGA
 DRAWN BY: unash DATE: 9/9/2020 2:33:19 PM
 NOTE: Acreage values of 0.00 are less than 0.01 acre. Refer to TABLE 8.
 Sources: FDOT, 2016, 2019; ECT, 2019; ESRI, 2018

NORTH FLORIDA RESILIENCY CONNECTION

EPL 036941
2020045E
NAD 1983 StatePlane FIPS 9903 Feet



LEGEND	
NFRC Project Features	Geotechnical ERP Features
Project Boundary	Bore in Upland
Access Area	Wetland Impact
Wetland	GeoTech Access



**FIGURE 6
GEOTECH
WETLAND IMPACTS MAP**

SHEET 3 of 7 COUNTY: GADSDEN
 SCALE: 1 in = 250 feet FILE NAME: NFRC_GeoTechIndivImpactsGA
 DRAWN BY: unash DATE: 9/9/2020 2:33:19 PM

NOTE: Acreage values of 0.00 are less than 0.01 acre. Refer to TABLE 8.

Sources: FDOT, 2016, 2019; ECT, 2019; ESRI, 2018

NORTH FLORIDA RESILIENCY CONNECTION





0 125 250
Feet



N

EPL 036942
2021045E1
NAD 1983 StatePlane FIPS 9903 Feet



B-1759
 W-GOL-336A
 FLUCCS:630
 UMAM:0.67
 0.014 ac

LEGEND	
NFRC Project Features	Geotechnical ERP Features
Project Boundary	Bore in Wetland
Access Area	Wetland Impact
Wetland	GeoTech Access



**FIGURE 6
 GEOTECH
 WETLAND IMPACTS MAP**

SHEET 4 of 7 COUNTY: GADSDEN
 SCALE: 1 in = 250 feet FILE NAME: NFRC_GeoTechIndivImpactsGA
 DRAWN BY: unash DATE: 9/9/2020 2:33:19 PM

NOTE: Acreage values of 0.00 are less than 0.01 acre. Refer to TABLE 8.

Sources: FDOT, 2016, 2019; ECT, 2019; ESRI, 2018

NORTH FLORIDA RESILIENCY CONNECTION



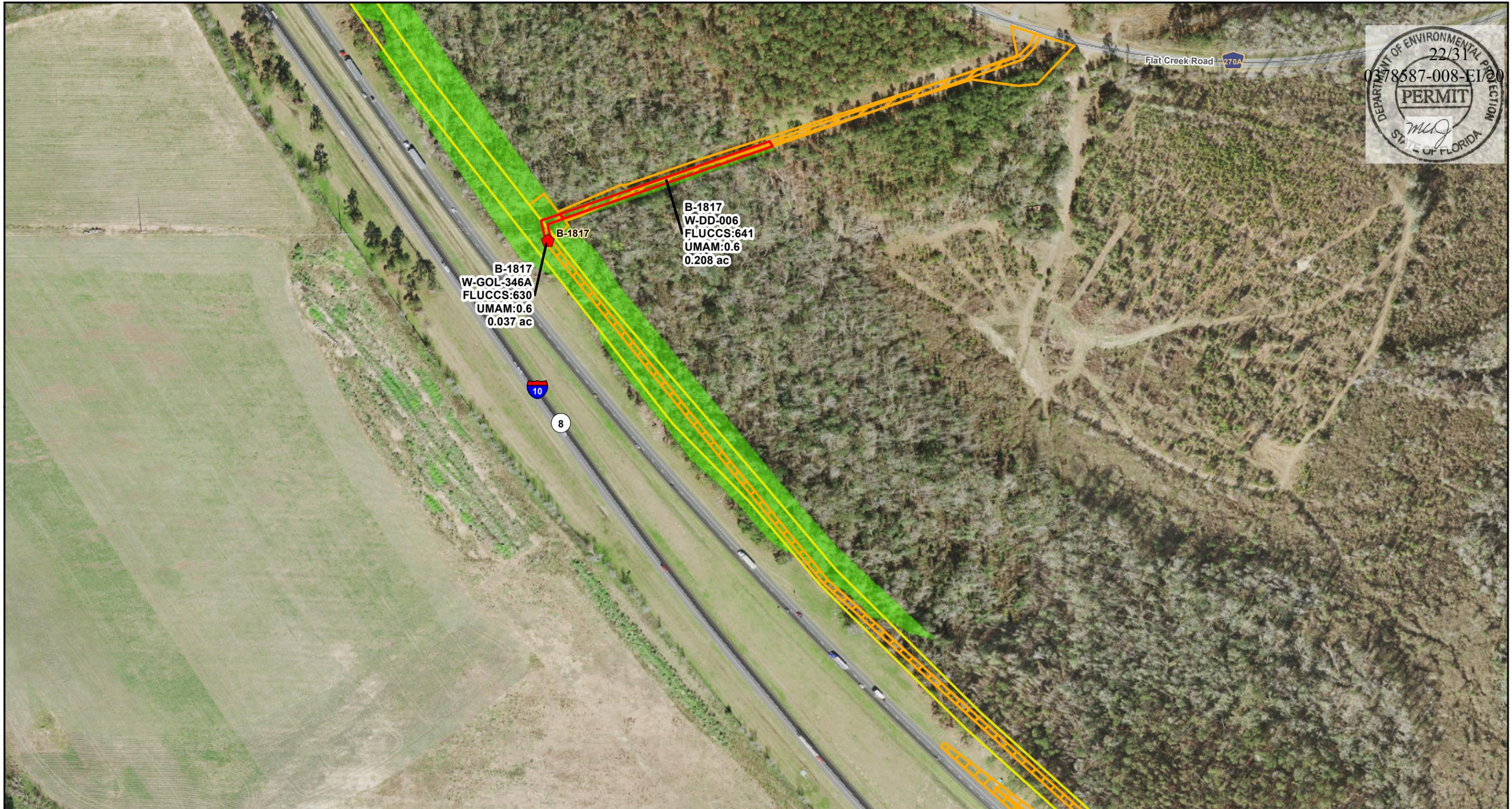


0 125 250
Feet



N

EPL 036943
 2021045E1
 NAD 1983 StatePlane Florida Albers PS 9903 Feet



LEGEND

NFRC Project Features

- Project Boundary
- Access Area
- Wetland

Geotechnical ERP Features

- Bore in Wetland
- Wetland Impact
- GeoTech Access



**FIGURE 6
GEOTECH
WETLAND IMPACTS MAP**

SHEET 5 of 7

SCALE: 1 in = 250 feet

DRAWN BY: unash

COUNTY: GADSDEN

FILE NAME: NFRC_GeoTechIndivImpactsGA

DATE: 9/9/2020 2:33:19 PM

NOTE: Acreage values of 0.00 are less than 0.01 acre. Refer to TABLE 8.

Sources: FDOT, 2016, 2019; ECT, 2019; ESRI, 2018

NORTH FLORIDA RESILIENCY CONNECTION

0 125 250
Feet

N

EPI 036944

2021045E1

NAD 1983 StatePlane FIPS 9903 Feet



B-1927
 W-GOL-377A
 FLUCCS:630
 UMAM:0.63
 0.099 ac

B-1926
 W-GOL-377A
 FLUCCS:630
 UMAM:0.63
 0.16 ac

B-1924
 W-GOL-377A
 FLUCCS:630
 UMAM:0.63
 0.204 ac

LEGEND	
NFRC Project Features	Geotechnical ERP Features
Project Boundary	Bore in Upland
Access Area	Wetland Impact
Wetland	GeoTech Access
Stream	



**FIGURE 6
 GEOTECH
 WETLAND IMPACTS MAP**

SHEET 6 of 7 COUNTY: GADSDEN
 SCALE: 1 in = 250 feet FILE NAME: NFRC_GeoTechIndivImpactsGA
 DRAWN BY: unash DATE: 9/9/2020 2:33:19 PM

NOTE: Acreage values of 0.00 are less than 0.01 acre. Refer to TABLE 8.

Sources: FDOT, 2016, 2019; ECT, 2019; ESRI, 2018

NORTH FLORIDA RESILIENCY CONNECTION





0 125 250
Feet



N

EPL 036945
 20210415EPL
 NAD 1983 StatePlane FIPS 9903 Feet



LEGEND

NFRC Project Features

- Project Boundary
- Access Area
- Wetland
- Stream

Geotechnical ERP Features

- Bore in Wetland
- Wetland Impact
- GeoTech Access



**FIGURE 6
GEOTECH
WETLAND IMPACTS MAP**

SHEET 7 of 7
SCALE: 1 in = 250 feet
DRAWN BY: unash

COUNTY: GADSDEN
FILE NAME: NFRC_GeoTechIndivImpactsGA
DATE: 9/9/2020 2:33:19 PM

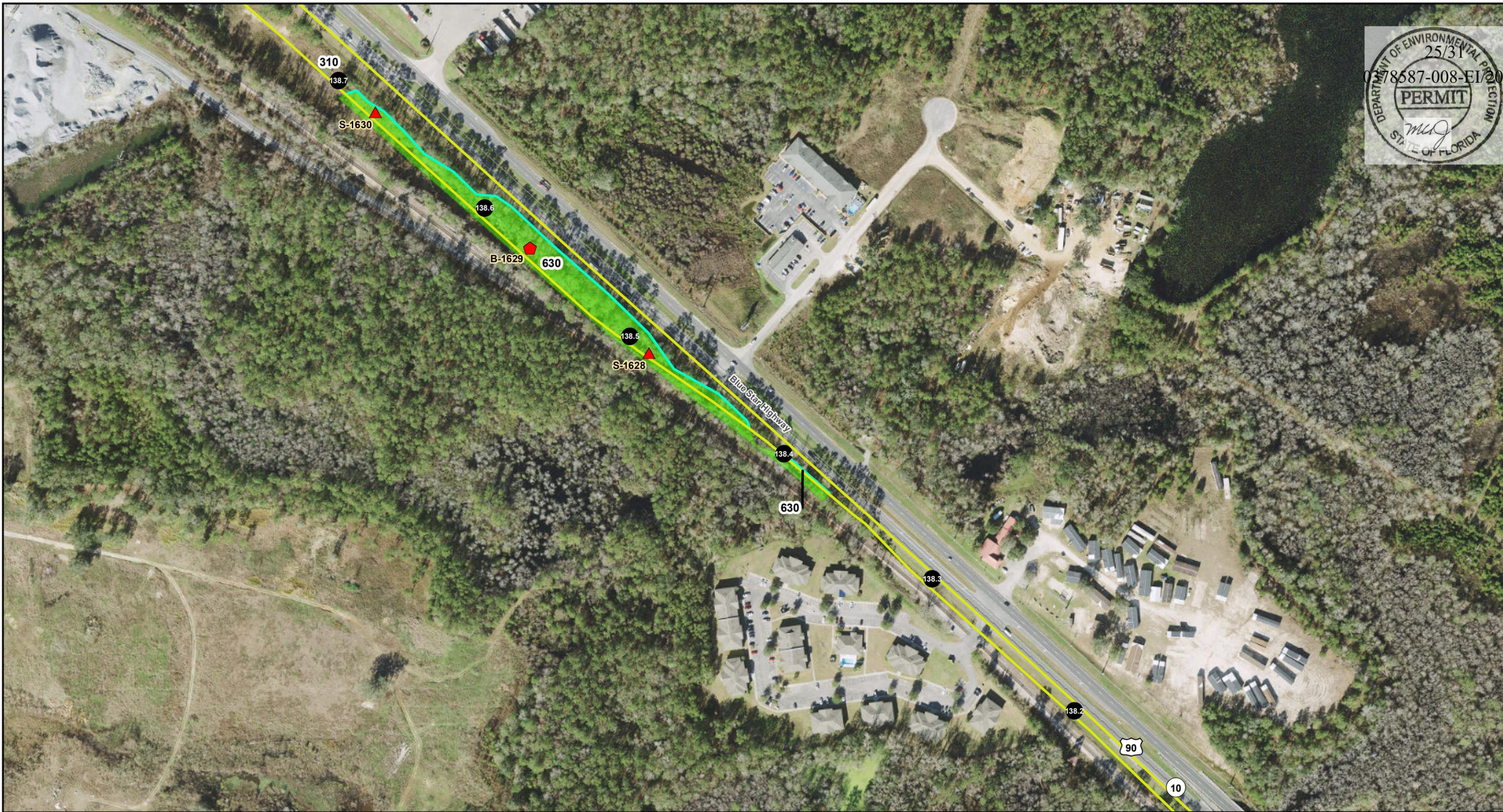
NOTE: Acreage values of 0.00 are less than 0.01 acre. Refer to TABLE 8.

Sources: FDOT, 2016, 2019; ECT, 2019; ESRI, 2018

NORTH FLORIDA RESILIENCY CONNECTION

0 125 250 Feet

EPI 036946
2021045EPI



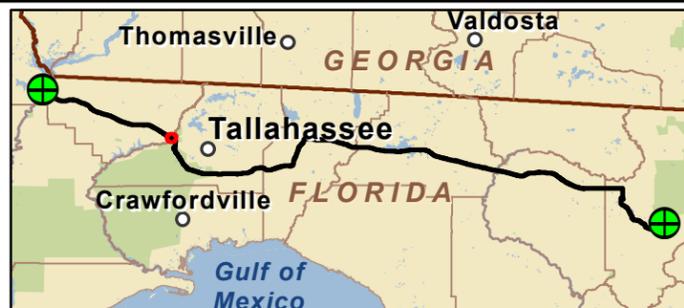
LEGEND

NFRC Project Features

- Project Boundary
- Land Use/Land Cover
- Wetland

Geotechnical ERP Features

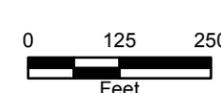
- Bore in Wetland
- SUE in Wetland



**FIGURE 7
GEOTECH
LAND USE / LAND COVER MAP**

SHEET 1 of 7
 SCALE: 1 in = 250 feet
 DRAWN BY: unash
 COUNTY: GADSDEN
 FILE NAME: NFRC_GeoTechIndivLULC_GA
 DATE: 9/9/2020 2:37:09 PM

NORTH FLORIDA RESILIENCY CONNECTION





- LEGEND**
- NFRC Project Features**
- Project Boundary
 - Access Area
 - Land Use/Land Cover
 - Wetland

- Geotechnical ERP Features**
- ◆ Bore in Wetland



**FIGURE 7
GEOTECH
LAND USE / LAND COVER MAP**

SHEET 2 of 7
 SCALE: 1 in = 250 feet
 DRAWN BY: unash

COUNTY: GADSDEN
 FILE NAME: NFRC_GeoTechIndivLULC_GA
 DATE: 9/9/2020 2:37:09 PM

Sources: FDOT, 2016, 2019; ECT, 2019; ESRI, 2018

NORTH FLORIDA RESILIENCY CONNECTION





0 125 250
Feet



N

EPL 036948
2021045E



- LEGEND**
- NFRC Project Features**
- Project Boundary
 - Access Area
 - Land Use/Land Cover
 - Wetland

- Geotechnical ERP Features**
- Bore in Upland
 - GeoTech Access



**FIGURE 7
GEOTECH
LAND USE / LAND COVER MAP**

SHEET 3 of 7
SCALE: 1 in = 250 feet
DRAWN BY: unash

COUNTY: GADSDEN
FILE NAME: NFRC_GeoTechIndivLULC_GA
DATE: 9/9/2020 2:37:09 PM

Sources: FDOT, 2016, 2019; ECT, 2019; ESRI, 2018

NORTH FLORIDA RESILIENCY CONNECTION






EPL 036949
20210415E1
NAD 1983 StatePlane Florida Albers
20110415E1
IPS 0903 Feet



- LEGEND**
- NFRC Project Features**
- Project Boundary
 - Access Area
 - Land Use/Land Cover
 - Wetland

- Geotechnical ERP Features**
- ⬠ Bore in Wetland
 - GeoTech Access



**FIGURE 7
GEOTECH
LAND USE / LAND COVER MAP**

SHEET 4 of 7 COUNTY: GADSDEN
 SCALE: 1 in = 250 feet FILE NAME: NFRC_GeoTechIndivLULC_GA
 DRAWN BY: unash DATE: 9/9/2020 2:37:09 PM

Sources: FDOT, 2016, 2019; ECT, 2019; ESRI, 2018

NORTH FLORIDA RESILIENCY CONNECTION





0 125 250
Feet



N

EPL 036950
2021045E1
NAD 1983 StatePlane FIPS 9903 Feet



- LEGEND**
- NFRC Project Features**
- Project Boundary
 - Access Area
 - Land Use/Land Cover
 - Wetland

- Geotechnical ERP Features**
- ◆ Bore in Wetland
 - GeoTech Access



**FIGURE 7
GEOTECH
LAND USE / LAND COVER MAP**

SHEET 5 of 7 COUNTY: GADSDEN
 SCALE: 1 in = 250 feet FILE NAME: NFRC_GeoTechIndivLULC_GA
 DRAWN BY: unash DATE: 9/9/2020 2:37:09 PM

Sources: FDOT, 2016, 2019; ECT, 2019; ESRI, 2018

NORTH FLORIDA RESILIENCY CONNECTION





0 125 250
Feet



N

EPL 036951
20210415



- LEGEND**
- NFRC Project Features**
- Project Boundary
 - Access Area
 - Land Use/Land Cover
 - Wetland
 - Stream

- Geotechnical ERP Features**
- ◆ Bore in Upland
 - GeoTech Access

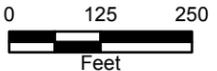


**FIGURE 7
GEOTECH
LAND USE / LAND COVER MAP**

SHEET 6 of 7 COUNTY: GADSDEN
 SCALE: 1 in = 250 feet FILE NAME: NFRC_GeoTechIndivLULC_GA
 DRAWN BY: unash DATE: 9/9/2020 2:37:09 PM

NORTH FLORIDA RESILIENCY CONNECTION





0 125 250
Feet

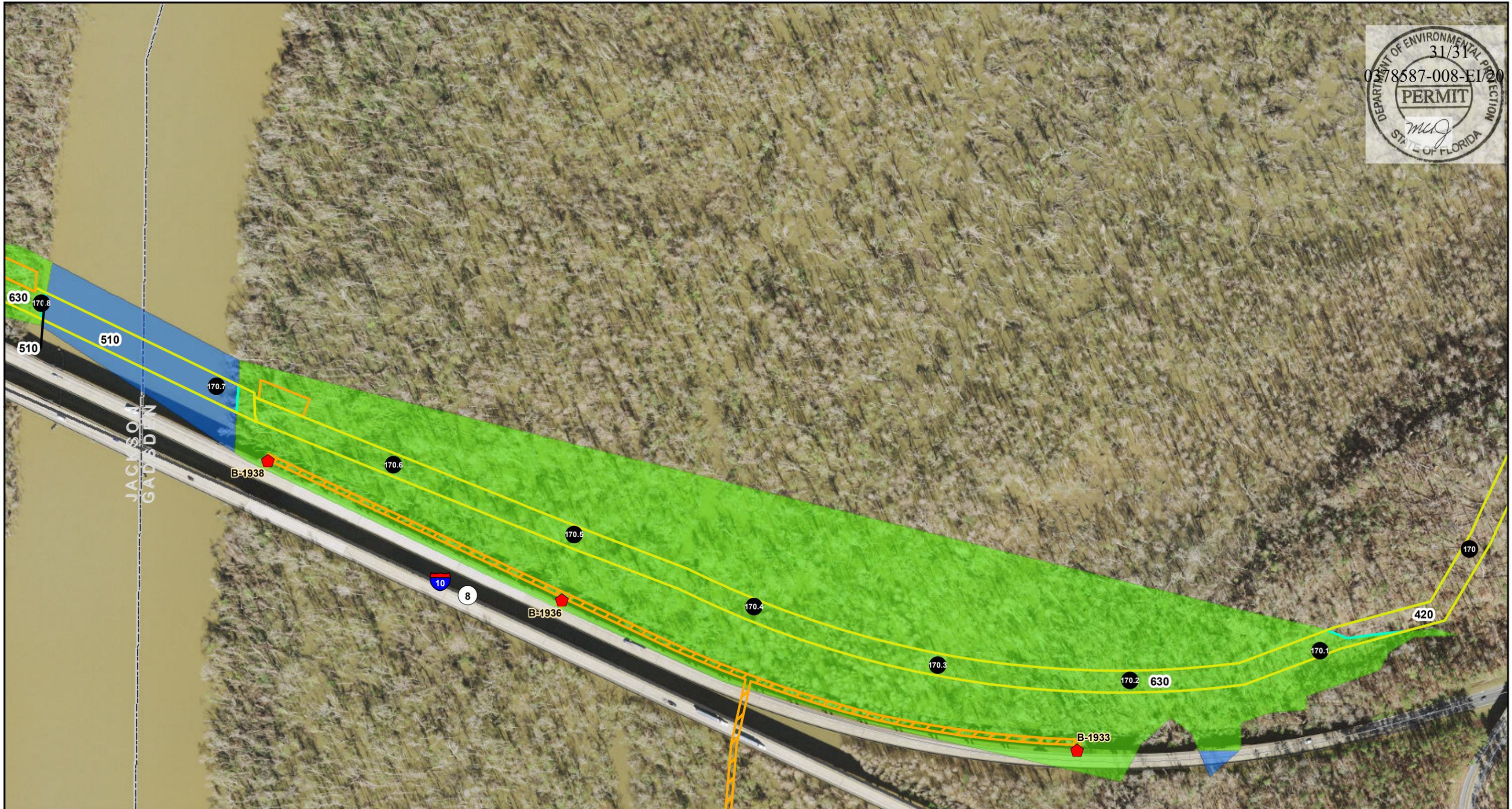


N

EPL 036952
20210415

Sources: FDOT, 2016, 2019; ECT, 2019; ESRI, 2018

NAD 1983 StatePlane Florida Albers EPS 9903 Feet



- LEGEND**
- NFRC Project Features**
- Project Boundary
 - Access Area
 - Land Use/Land Cover
 - Wetland
 - Stream

- Geotechnical ERP Features**
- Bore in Wetland
 - GeoTech Access



**FIGURE 7
GEOTECH
LAND USE / LAND COVER MAP**

SHEET 7 of 7 COUNTY: GADSDEN
 SCALE: 1 in = 250 feet FILE NAME: NFRC_GeoTechIndivLULC_GA
 DRAWN BY: unash DATE: 9/9/2020 2:37:09 PM

NORTH FLORIDA RESILIENCY CONNECTION





0 125 250
Feet



N

EPL 036953
2021045E1

Sources: FDOT, 2016, 2019; ECT, 2019; ESRI, 2018

NAD 1983 StatePlane Florida Albers Projection Units: US Feet