



# FLORIDA DEPARTMENT OF Environmental Protection

Northeast District  
8800 Baymeadows Way West, Suite 100  
Jacksonville, Florida 32256

**Ron DeSantis**  
Governor

**Jeanette Nuñez**  
Lt. Governor

**Noah Valenstein**  
Secretary

**Permittee:**

Michael G. Spoor  
Gulf Power Company  
One Energy Place  
Pensacola, Florida 32520  
[mike.g.spoor@nexteraenergy.com](mailto:mike.g.spoor@nexteraenergy.com)

**Authorized Agent:**

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**North Florida Resiliency Connection Geotechnical Investigations – Columbia County**

**Environmental Resource Permit**

**State-owned Submerged Lands Authorization – Not Applicable**

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

**Columbia County**

**Permit No.: 12-0378587-009-EI**

**Permit Issuance Date: September 21, 2020**

**Permit Construction Phase Expiration Date: September 21, 2025**

## Environmental Resource Permit

Permittee: **Gulf Power Company**  
Permit No: **12-0378587-009-EI**

### PROJECT LOCATION

The activities authorized by this permit are at two separate locations (see Table 1) within Columbia County, Florida.

**Table 1. Geotechnical Bore Locations**

Parcel ID: Section, Township, and Range	Bore Location	Latitude (°N)	Longitude (°W)
35-3S-16-02524-001: S 34 / T 03 S / R 16 E	B-138	30.181033	-82.692484
04-3S-16-01956-000: S 04 / T 03 S / R 16 E	B-224	30.261744	-82.727028

### PROJECT DESCRIPTION

The permittee is authorized to perform geotechnical investigation within wetlands using soil boring, auguring, or coring, not to exceed one foot in diameter at two locations with temporary impacts. Total area impacted will be 0.187 acres. Temporary vehicular access within wetlands during construction will occur and areas disturbed will be restored to natural grades immediately after testing is complete. The proposed work is within an unnamed slough in the Upper Suwannee River and Santa Fe River Basins, both Class III Florida Waterbodies. Authorized activities are depicted on the attached exhibits.

To offset unavoidable impacts that will occur from these authorized activities, the permittee is already required to purchase mitigation credits as part of the larger, seven-county -001-EI permit which includes the locations of these two geotechnical borings. No further mitigation is required for this 009-EI permit as the proposed geotechnical investigations within wetlands will be minimal and temporary in nature. After sampling occurs, the work area will be allowed to revert to its previous hydrologic function.

### AUTHORIZATIONS

#### **North Florida Resiliency Connection Geotechnical Investigations – Columbia 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 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 USACOE 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.

### 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 – PRIOR TO ANY CONSTRUCTION**

1. Prior to commencement of work authorized by this permit, the permittee shall provide written notification of the date of the commencement and proposed schedule of construction to the Department of Environmental Protection, Northeast District, 8800 Baymeadows Way West, Suite 100, Jacksonville, Florida 32256.
2. 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.

### **SPECIFIC CONDITIONS – CONSTRUCTION ACTIVITIES**

3. No drilling fluid or bored material will be left in the wetlands. Boreholes suspected to have penetrated a confining layer will be grouted from the bottom up and the bored materials will be removed from the wetland.
4. 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.
6. This permit does not authorize the removal of any vegetation within the jurisdictional area. No dredging, filling, or other construction activity, including the removal of tree stumps and/or vegetative root masses, shall be conducted within the wetlands other than that performed within the specifically authorized work corridor.
7. Outside the specific limits of construction authorized by this permit, any disturbance of or damage to wetlands shall be corrected by restoring pre-construction elevations as to maintain natural hydrology, drainage patterns, and planting vegetation of the same species, size, and density that exist in adjacent undisturbed wetland areas.
8. The project shall comply with applicable State Water Quality Standards, namely:
  - a. Surface Waters, Minimum Criteria, General Criteria – Rule 62-302.500, F.A.C.
  - b. Class III Waters – Recreation, Propagation and Maintenance of a Healthy, Well-Balanced Population of Fish and Wildlife. – Rule 62-302.400, F.A.C.

9. There shall be no storage or stockpiling of tools, equipment, materials (e.g., excess soil, lumber, pilings, riprap, and debris) within wetlands, along the shoreline within the littoral zone, or elsewhere within waters of the state unless specifically approved in this permit. Any and all construction debris shall be removed from wetlands/waters of the state within 14 days of completion of the work authorized by this permit.

10. If prehistoric or historic artifacts, such as pottery or ceramics, projectile points, stone tools, dugout canoes, metal implements, historic building materials, or any other physical remains that could be associated with Native American, early European, or American settlement are encountered at any time within the project site area, the permitted project shall cease all activities involving subsurface disturbance in the vicinity of the discovery. The permittee or other designee shall contact the Florida Department of State, Division of Historical Resources, Compliance Review Section (DHR), at (850)245-6333, as well as the appropriate permitting agency office. Project activities 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 the proper authorities notified in accordance with section 872.05, F.S. For project activities subject to prior consultation with the DHR and as an alternative to the above requirements, the permittee may follow procedures for unanticipated discoveries as set forth within a cultural resources assessment survey determined complete and sufficient by DHR and included as a specific permit condition herein.

#### **SPECIFIC CONDITIONS – OTHER LISTED SPECIES**

11. 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](mailto:FWCConservationPlanningServices@MyFWC.com).

#### **SPECIFIC CONDITIONS – CONSTRUCTION COMPLETION**

12. 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.

13. All cleared trees and vegetation, excess lumber, scrap wood, trash, garbage and any other type of debris, including excess soil, 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 this chapter, 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), (<http://www.flrules.org/Gateway/reference.asp?No=Ref-02505>), incorporated by reference herein, 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., and shall be submitted electronically or by mail to the Agency. However, for activities involving more than one acre of construction that also require a NPDES stormwater construction general permit, submittal of the Notice of Intent to Use Generic Permit for Stormwater Discharge from Large and Small Construction Activities, DEP Form 62-621.300(4)(b), shall also serve as notice of commencement of construction under this chapter and, in such a case, submittal of Form 62-330.350(1) is not required.
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 Operation 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 12.3.4 of Volume I) as filed with the Florida 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 and Maintenance 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 prehistoric or historic artifacts, such as pottery or ceramics, projectile points, stone tools, dugout canoes, metal implements, historic building materials, or any other physical remains that could be associated with Native American, early European, or American settlement are encountered at any time within the project site area, the permitted project shall cease all activities involving subsurface disturbance in the vicinity of the discovery. The permittee or other designee shall contact the Florida Department of State, Division of Historical Resources, Compliance Review Section (DHR), at (850)245-6333, as well as the appropriate permitting agency office. Project activities 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 the proper authorities notified in accordance with section 872.05, F.S. For project activities subject to prior consultation with the DHR and as an alternative to the above requirements, the permittee may follow procedures for unanticipated discoveries as set forth within a cultural resources assessment survey determined complete and sufficient by DHR and included as a specific permit condition herein.

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.

19. In addition to those general conditions in subsection (1), above, the Agency shall impose any additional project-specific special conditions necessary to assure the permitted activities will not be harmful to the water resources, as set forth in rules 62-330.301 and 62-330.302, F.A.C., Volumes I and II, as applicable, and the rules incorporated by reference in this chapter.

## **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 further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the hearing process may result in a modification of the agency action or even denial of the application.



### 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, any e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; 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 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@dep.state.fl.us](mailto:Agency_Clerk@dep.state.fl.us). 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 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@dep.state.fl.us](mailto:Agency_Clerk@dep.state.fl.us), 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.

Executed in Jacksonville, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION



Thomas G. Kallemeyn  
Permitting Program Administrator

TGK:kp:tkf:cc

**Attachments:**

Project Maps, 12 pages

Construction Commencement Notice/Form 62-330.350(1)

As-Built Certification and Request for Conversion to Operation Phase /Form 62-330.310(3)

**Copies furnished to:**


Michael Leahy, Pickett and Associates, Inc., [mleahy@pickettusa.com](mailto:mleahy@pickettusa.com)  
Jude Dawson, Environmental Consulting & Technology, Inc., [jdawson@ectinc.com](mailto:jdawson@ectinc.com)  
Franck Leblanc, Florida Power & Light Company, [franck.l.leblanc@fpl.com](mailto:franck.l.leblanc@fpl.com)  
Michael Spoor, Gulf Power Company, [mike.g.spoor@nexteraenergy.com](mailto:mike.g.spoor@nexteraenergy.com)  
Tanya McHale, FEDP NWD  
Kim Allen, FDEP NWD  
Wade Dandridge, FDEP NWD  
Thomas Kallemeyn, FDEP NED  
Brian Durden, FDEP NED  
Kim Pearce, FDEP NED  
Thalia Fletcher, FDEP NED

CERTIFICATE OF SERVICE

The undersigned hereby certifies that this permit, including all copies, were mailed before the close of business on September 21, 2020, to the above listed persons.

FILING AND ACKNOWLEDGMENT

FILED, on this date, under 120.52(7) of the Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

  
\_\_\_\_\_  
Clerk

September 21, 2020  
Date



LEGEND	
<u>NFRC Project Features</u>	
	Workspace
	Substation
<u>Geotechnical ERP Features</u>	
	Bore in Wetland

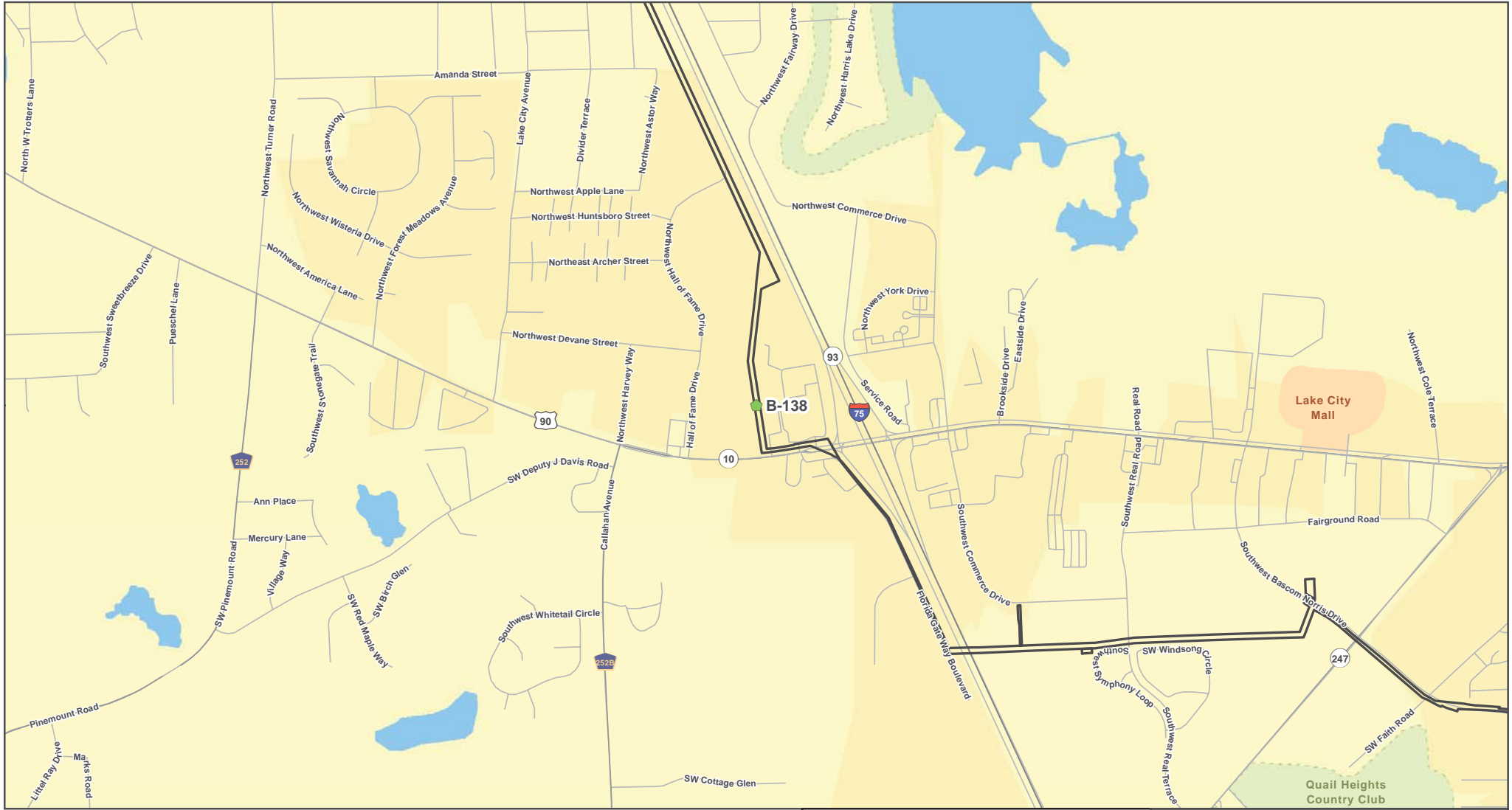
**FIGURE 1  
LOCATION MAP  
COLUMBIA COUNTY**

SCALE: 1 in = 2 mile      DATE: 8/10/2020 12:44:24 PM  
 DRAWN BY: unash      FILE NAME: NFRC\_GeoTechLocationCO

NORTH FLORIDA RESILIENCY CONNECTION



Sources: FDOT, 2018; ECT, 2019, E&E, 2019; Golder, 2019; ESRI, 2018      NAD 1983 StatePlane Florida North FIPS 0903 Feet



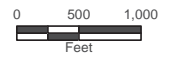
**LEGEND**

<b>NFRC Project Features</b>	<b>Geotechnical ERP Features</b>
Bore in Wetland	Bore in Wetland
Workspace	

**FIGURE 2  
ROAD MAP  
COLUMBIA COUNTY**

NORTH FLORIDA RESILIENCY CONNECTION

SCALE: 1 in = 1,000 feet    DATE: 8/10/2020 12:47:03 PM  
 DRAWN BY: unash    FILE NAME: NFRC\_GeoTechRoadCO





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

NAD 1983 StatePlane Florida North FIPS 0903 Feet




**LEGEND**

**NFRC Project Features**

-  Bore in Wetland
-  Workspace

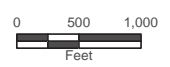
**Geotechnical ERP Features**

-  Bore in Wetland

**FIGURE 2  
ROAD MAP  
COLUMBIA COUNTY**

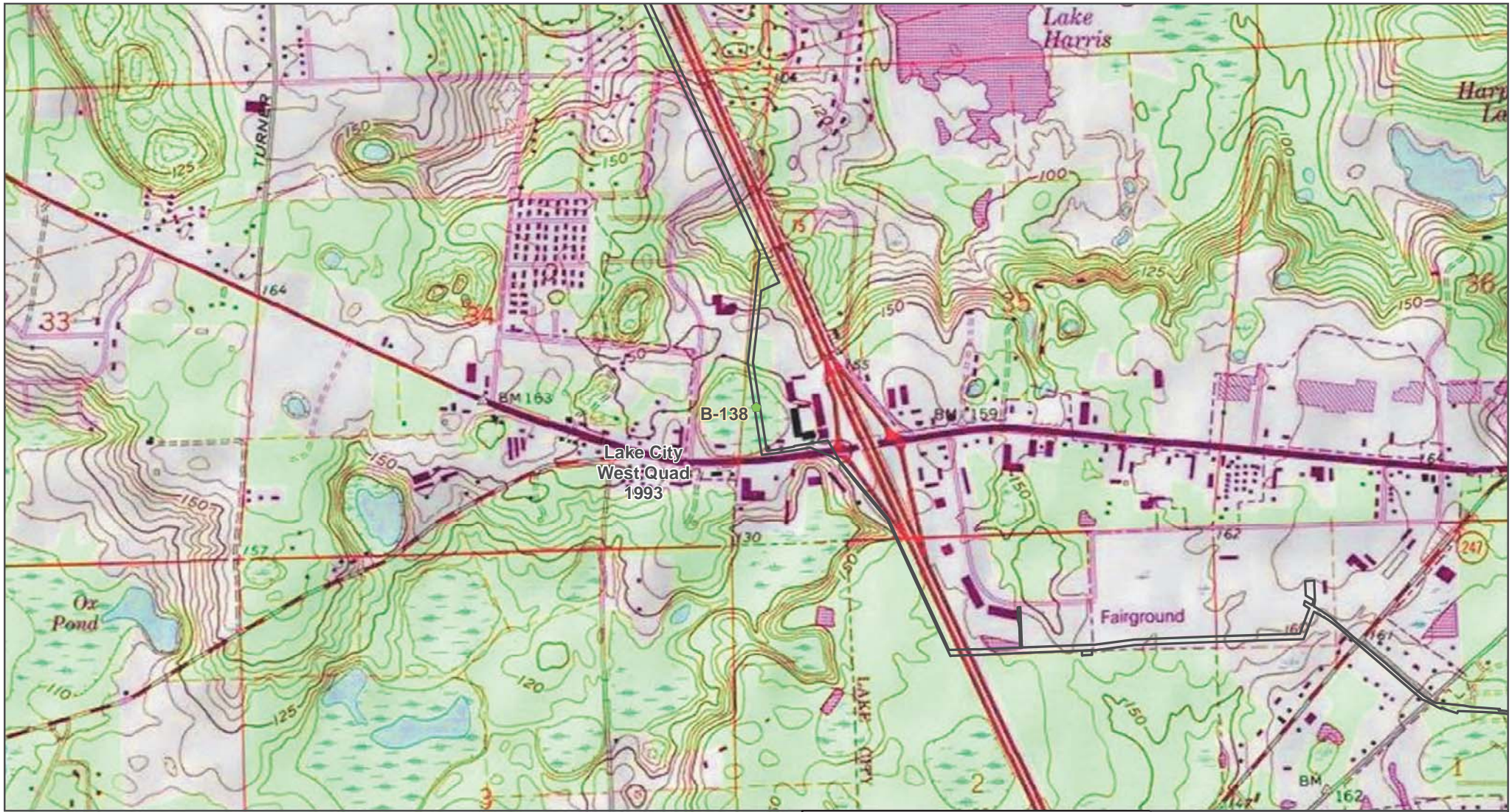
SCALE: 1 in = 1,000 feet    DATE: 8/10/2020 12:47:03 PM  
 DRAWN BY: unash    FILE NAME: NFRC\_GeoTechRoadCO

**NORTH FLORIDA RESILIENCY CONNECTION**



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

NAD 1983 StatePlane Florida North FIPS 0903 Feet



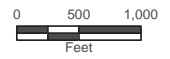
**LEGEND**

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

**FIGURE 3  
TOPOGRAPHIC MAP  
COLUMBIA COUNTY**

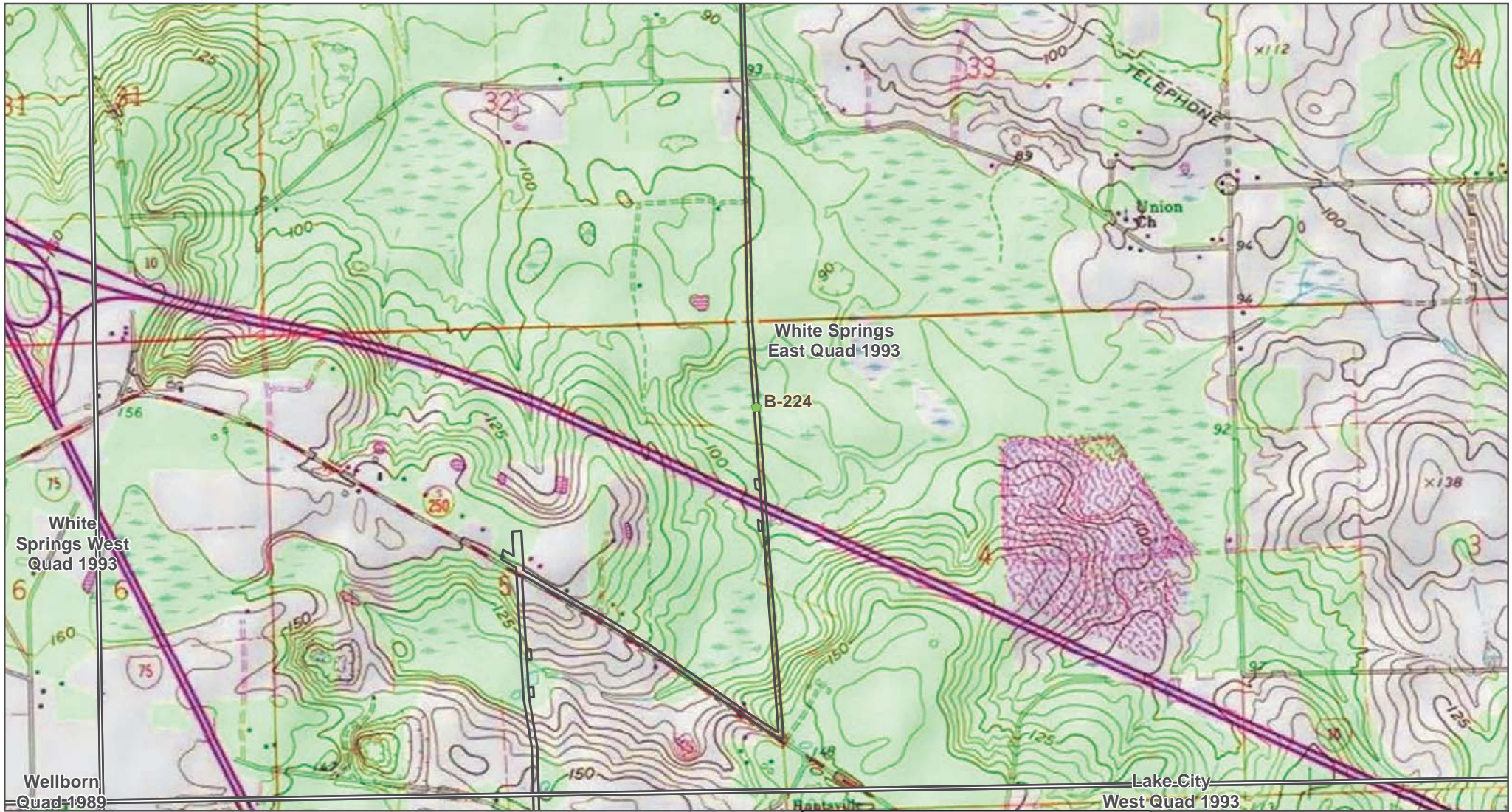
NORTH FLORIDA RESILIENCY CONNECTION

SCALE: 1 in = 1,000 feet    DATE: 5/1/2020 9:07:42 AM  
 DRAWN BY: unash    FILE NAME: NFRC\_GeoTechTopoCO



Sources: USGS, 2019; FDOT, 2016; ECT, 2019, E&E, 2019; Golder, 2019; ESRI, 2018

NAD 1983 StatePlane Florida North FIPS 0903 Feet



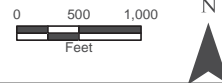
**LEGEND**

<b>NFRS Project Features</b>	<b>Geotechnical ERP Features</b>
Workspace	Bore in Wetland
USGS Quadrangle Index (24k)	

**FIGURE 3  
TOPOGRAPHIC MAP  
COLUMBIA COUNTY**

NORTH FLORIDA RESILIENCY CONNECTION

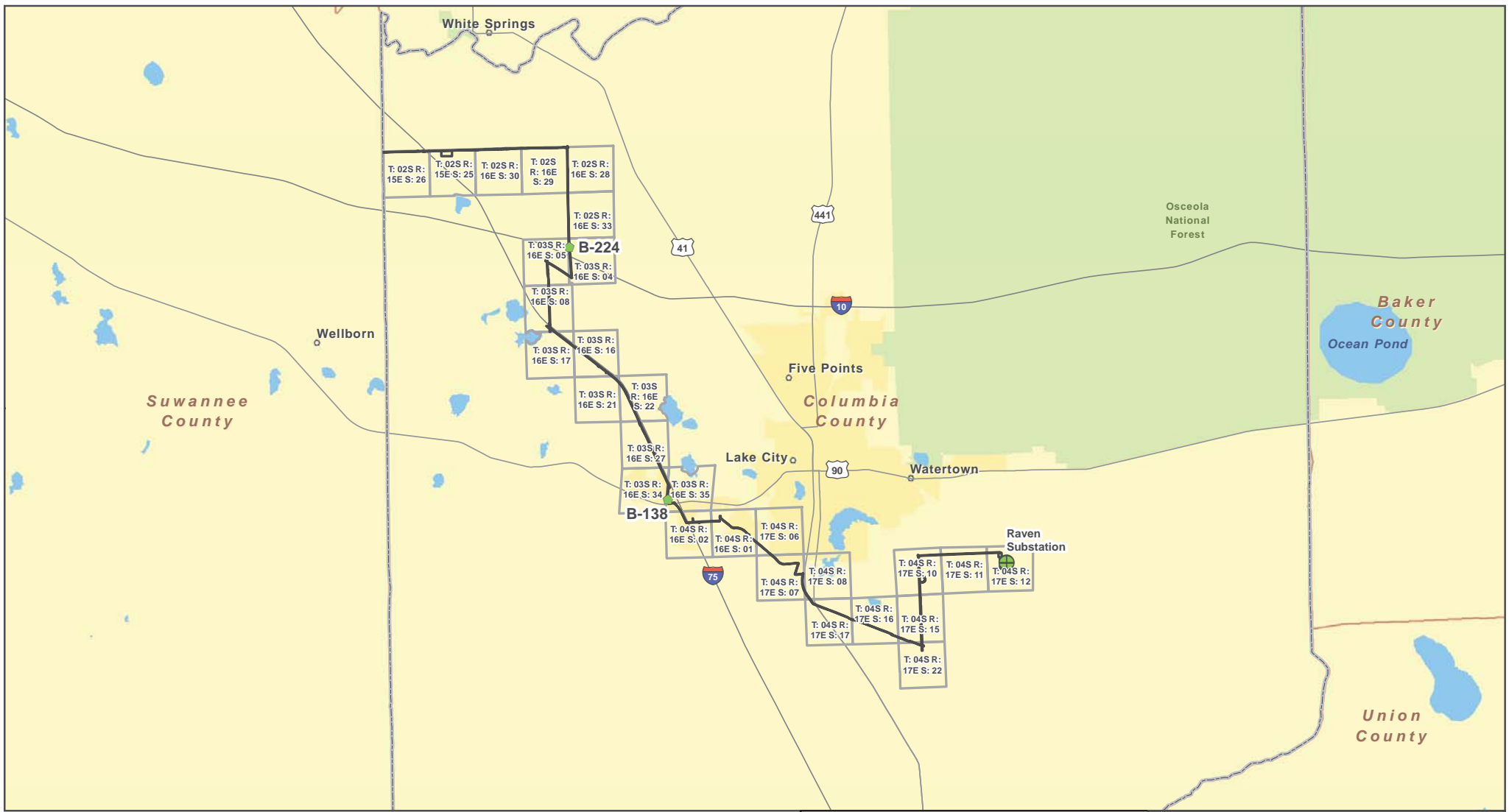
SCALE: 1 in = 1,000 feet    DATE: 5/1/2020 9:07:42 AM  
 DRAWN BY: unash    FILE NAME: NFRS\_GeoTechTopoCO



Sources: USGS, 2019; FDOT, 2016; ECT, 2019, E&E, 2019; Golder, 2019; ESRI, 2018

NAD 1983 StatePlane Florida North FIPS 0903 Feet






- LEGEND**
- NFRC Project Features**
- Substation
  - Workspace
  - Township-Range-Section

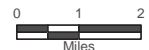

- Geotechnical ERP Features**
- Bore in Wetland

**FIGURE 4**  
**TOWNSHIP-RANGE-SECTION MAP**  
**COLUMBIA COUNTY**

SCALE: 1 in = 2 mile      DATE: 8/10/2020 12:52:17 PM  
 DRAWN BY: unash      FILE NAME: NFRC\_GeoTechTRS\_CO

NORTH FLORIDA RESILIENCY CONNECTION



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

NAD 1983 StatePlane Florida North FIPS 0903 Feet



- LEGEND**
- NFRC Project Features**
- Project Boundary
  - Wetland
  - Waterbody

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

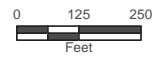


**FIGURE 5  
GEOTECH SOILS MAP**

SHEET 1 of 2 COUNTY: COLUMBIA  
 SCALE: 1 in = 250 feet FILE NAME: NFRC\_GeoTechIndivSoilsCO  
 DRAWN BY: unash DATE: 8/10/2020 12:40:59 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



NAD 1983 StatePlane Florida North FIPS 0903 Feet



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

- Geotechnical ERP Features**
- Bore In Wetland
  - Hydric Soils
  - GeoTech Access

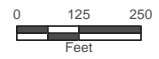


**FIGURE 5  
GEOTECH SOILS MAP**

SHEET 2 of 2 COUNTY: COLUMBIA  
 SCALE: 1 in = 250 feet FILE NAME: NFRC\_GeoTechIndivSoilsCO  
 DRAWN BY: unash DATE: 8/10/2020 12:40:59 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



NAD 1983 StatePlane Florida North FIPS 0903 Feet



**LEGEND**

**NFRC Project Features**

- Project Boundary
- Structures
- Wetland
- Waterbody

**Geotechnical ERP Features**

- Bore in Wetland
- Wetland Impact
- GeoTech Access

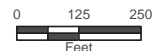


**FIGURE 6  
GEOTECH IMPACTS MAP**

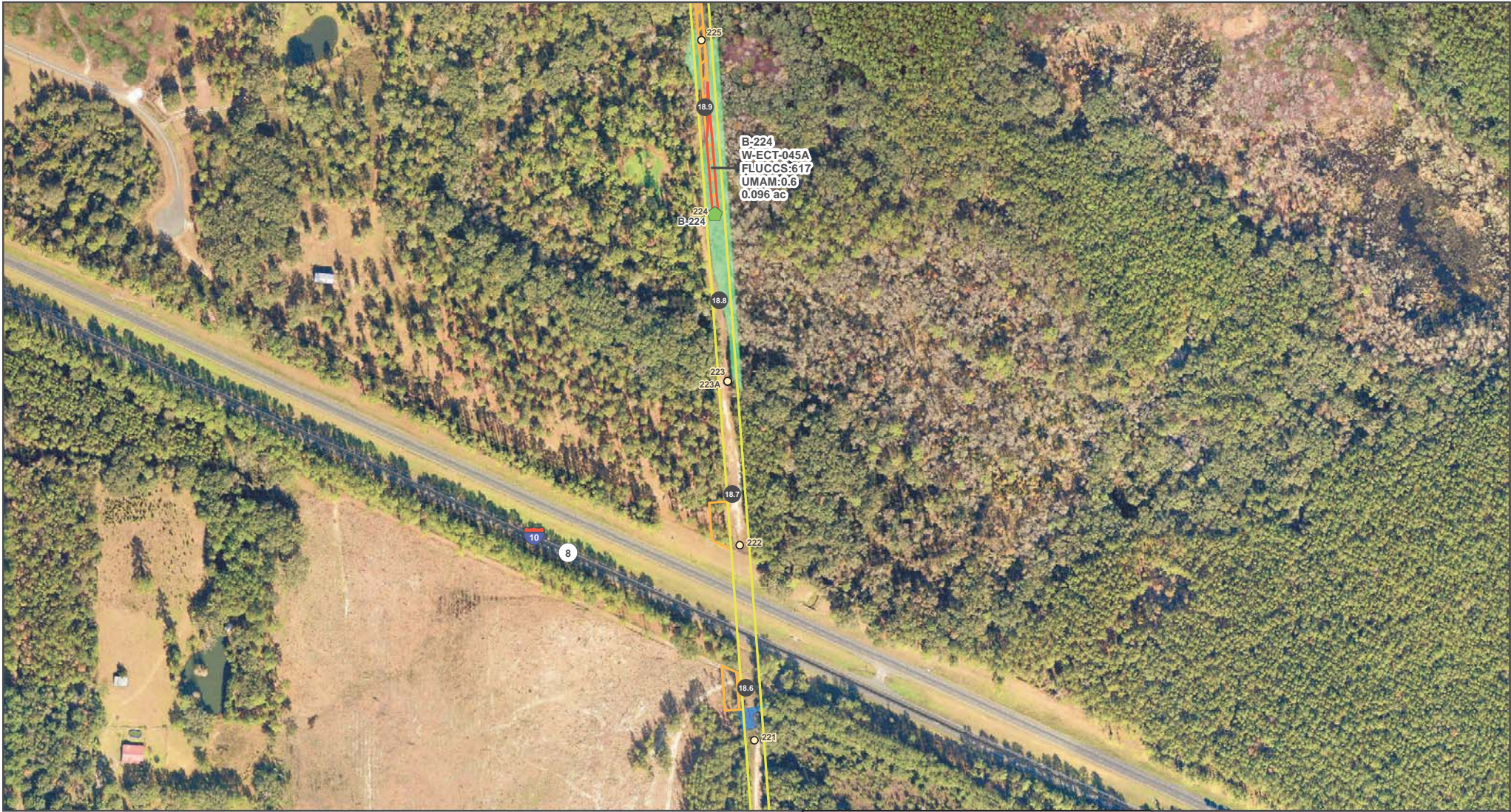
SHEET 1 of 2 COUNTY: COLUMBIA  
 SCALE: 1 in = 250 feet FILE NAME: NFRC\_GeoTechIndivImpactsV2CO  
 DRAWN BY: unash DATE: 8/10/2020 12:12:52 PM

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



NAD 1983 StatePlane Florida North FIPS 0903 Feet



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

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

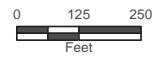


**FIGURE 6  
GEOTECH IMPACTS MAP**

SHEET 2 of 2 COUNTY: COLUMBIA  
 SCALE: 1 in = 250 feet FILE NAME: NFRC\_GeoTechIndivImpactsV2CO  
 DRAWN BY: unash DATE: 8/10/2020 12:12:52 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



NAD 1983 StatePlane Florida North FIPS 0903 Feet



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

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





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

SHEET 1 of 2 COUNTY: COLUMBIA  
 SCALE: 1 in = 250 feet FILE NAME: NFRC\_GeoTechIndivLULC\_CO  
 DRAWN BY: unash DATE: 8/10/2020 12:38:22 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

NAD 1983 StatePlane Florida North FIPS 0903 Feet



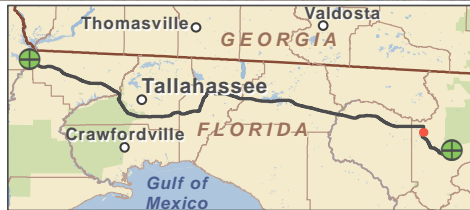
**LEGEND**

**NFRC Project Features**

- Project Boundary
- Access Area
- Land Use/Land Cover
- Wetland
- Stream

**Geotechnical ERP Features**

- Bore In Wetland
- GeoTech Access

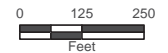


**FIGURE 7  
GEOTECH  
LAND USE / LAND COVER MAP**

SHEET 2 of 2 COUNTY: COLUMBIA  
 SCALE: 1 in = 250 feet FILE NAME: NFRC\_GeoTechIndivLULC\_CO  
 DRAWN BY: unash DATE: 8/10/2020 12:38:22 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**



NAD 1983 StatePlane Florida North FIPS 0903 Feet





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## As-Built Certification And Request for Conversion to Operation Phase

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Instructions: Complete and submit this page within 30 days of completion of the entire project, or any independent portion of the project, as required by the permit conditions. The operation phase of the permit is effective when the construction certification for the entire permit/application is approved by the Agency. If the final operation and maintenance entity is not the permittee, the permittee shall operate the project, system, works, or other activities temporarily until such time as the transfer to the operation entity is finalized (use Form 62-330.310(2)).

Permit No: \_\_\_\_\_ Application No: \_\_\_\_\_ Permittee: \_\_\_\_\_  
Project Name: \_\_\_\_\_ Phase or Independent Portion (if applicable): \_\_\_\_\_

I HEREBY CERTIFY THAT (please check only one box):

- To the best of my knowledge, information, and belief, construction of the project has been completed in substantial conformance with the plans specifications and conditions permitted by the Agency. Any minor deviations will not prevent the project from functioning in compliance with the requirements of Chapter 62-330, F.A.C. Attached are documents to demonstrate satisfaction of the outstanding permit conditions, other than long term monitoring and inspection requirements.
- Construction of the project was NOT completed in substantial conformance with the plans and specifications permitted by the Agency. Any deviations or independent phasing will not prevent the project from functioning in compliance with the requirements of Chapter 62-330, F.A.C. (Contact the permitting agency to determine whether a modification of the permit will be required in accordance with Rule 62-330.315, F.A.C.) Attached is a description of substantial deviations, a set of as-built drawings, and documents to demonstrate satisfaction of the outstanding permit conditions, other than long term monitoring and inspection requirements.
- Construction of the project was NOT completed in substantial conformance with the plans and specifications permitted by the Agency. There are substantial deviations that prevent the project from functioning in compliance with the requirements of Chapter 62-330, F.A.C. I acknowledge that corrections to the project and/or a modification of the permit will likely be required, and that conversion to the operation phase cannot be approved at this time. As-built or record drawings reflecting the substantial deviations are attached.

**For activities that require certification by a registered professional:**

By: \_\_\_\_\_ (Print Name) (Fla. Lic. or Reg. No.)  
Signature  
(Company Name) (Company Address)  
(Telephone Number) (Email Address)

AFFIX SEAL

(Date)

**For activities that do not require certification by a registered professional:**

By: \_\_\_\_\_ (Print Name)  
Signature  
(Company Name) (Company Address)



(Telephone Number)

(Email Address)

(Date)



## Drawings and Information Checklist

**Following is a list of information that is to be verified and/or submitted by the Registered Professional or Permittee:**

1. All surveyed dimensions and elevations shall be certified by a registered Surveyor or Mapper under Chapter 472, F.S.
2. The registered professional's certification shall be based upon on-site observation of construction (scheduled and conducted by the registered professional of record or by a project representative under direct supervision) and review of as-built drawings, with field measurements and verification as needed, for the purpose of determining if the work was completed in accordance with original permitted construction plans, specifications, and conditions.
3. If submitted, the as-built drawings are to be based on the permitted construction drawings revised to reflect any substantial deviations made during construction. Both the original design and constructed condition must be clearly shown. The plans need to be clearly labeled as "as-built" or "record" drawings that clearly highlight (such as through "red lines" or "clouds") any substantial deviations made during construction. As required by law, all surveyed dimensions and elevations required shall be verified and signed, dated, and sealed by an appropriate registered professional. The following information, at a minimum, shall be verified on the as-built drawings and supplemental documents if needed:
  - a. Discharge structures - Locations, dimensions and elevations of all, including weirs, orifices, gates, pumps, pipes, and oil and grease skimmers;
  - b. Detention/Retention Area(s) – Identification number, size in acres, side slopes (h:v), dimensions, elevations, contours, or cross-sections of all, sufficient to determine stage-storage relationships of the storage area and the permanent pool depth and volume below the control elevation for normally wet systems,
  - c. Side bank and underdrain filters, or exfiltration trenches - locations, dimensions, and elevations of all, including clean-outs, pipes, connections to control structures, and points of discharge to receiving waters;
  - d. System grading - dimensions, elevations, contours, final grades, or cross-sections to determine contributing drainage areas, flow directions, and conveyance of runoff to the system discharge point(s);
  - e. Conveyance - dimensions, elevations, contours, final grades, or cross-sections of systems utilized to divert off-site runoff around or through the new system;
  - f. Benchmark(s) - location and description (minimum of one per major water control structure);
  - g. Datum- All elevations should be referenced to a vertical datum clearly identified on the plans, preferably the same datum used in the permit plans.
4. Wetland mitigation or restoration areas - Show the plan view of all areas, depicting a spatial distribution of plantings conducted by zone (if plantings are required by permit), with a list showing all species planted in each zone, numbers of each species, sizes, date(s) planted, and identification of source of material; also provide the dimensions, elevations, contours, and representative cross-sections depicting the construction.
5. A map depicting the phase or independent portion of the project being certified, if all components of the project authorized in the permit are not being certified at this time.
6. Any additional information or outstanding submittals required by permit conditions or to document permit compliance, other than long-term monitoring or inspection requirements.