

FORM #: 62-343.900(1)
FORM TITLE: JOINT
ENVIRONMENTAL
RESOURCE PERMIT
APPLICATION
DATE: March 26, 2004



JOINT APPLICATION FOR
ENVIRONMENTAL RESOURCE PERMIT/
AUTHORIZATION TO USE
SOVEREIGN SUBMERGED LANDS/
FEDERAL DREDGE AND FILL PERMIT

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION/
WATER MANAGEMENT DISTRICTS/
U.S. ARMY CORPS OF ENGINEERS

SECTION A

FOR AGENCY USE ONLY

ACOE Application #
Date Application Received
Proposed Project Lat.
Proposed Project Long.

DEP/WMD Application #
Date Application Received
Fee Received \$
Fee Receipt #

PART 1:

Are any of the activities described in this application proposed to occur in, on, or over wetlands or other surface waters?

☒ yes ☐ no

Is this application being filed by or on behalf of a government entity or drainage district? ☐ yes ☒ no **Notes 1&2.**

PART 2:

A. Type of Environmental Resource Permit Requested (check at least one). See Attachment 2 for thresholds and descriptions.

- ☐ Noticed General - include information requested in Section B.
- ☐ Standard General (Single Family Dwelling) - include information requested in Sections C and D.
- ☒ Standard General (all other Standard General projects) - include information requested in Sections C and E.
- ☐ Individual (Single Family Dwelling) - include information requested in Sections C and D.
- ☐ Individual (all other Individual projects) - include information requested in Sections C and E.
- ☐ Conceptual - include information requested in Sections C and E.
- ☐ Mitigation Bank Permit (construction) - include information requested in Sections C and F. (If the proposed mitigation bank involves the construction of a surface water management system requiring another permit defined above, check the appropriate box and submit the information requested by the applicable section.)
- ☐ Mitigation Bank (conceptual) - include information requested in Sections C and F.

B. Type of activity for which you are applying (check at least one)

- ☒ Construction or operation of a new system, other than a solid waste facility, including dredging or filling in, on or over wetlands and other surface waters.
- ☐ Construction, expansion or modification of a solid waste facility.
- ☐ Alteration or operation of an existing system which was not previously permitted by a WMD or DEP.
- ☐ Modification of a system previously permitted by a WMD or DEP.
- Provide previous permit numbers: _____
- | | |
|--|--|
| ☐ Alteration of a system | ☐ Extension of permit duration |
| ☐ Abandonment of a system | ☐ Construction of additional phases of a system |
| ☐ Removal of a system | |

C. Are you requesting authorization to use Sovereign Submerged Lands?

☒ yes ☐ no

(See Section G and Attachment 5 for more information before answering this question.)

D. For activities in, on, or over wetlands or other surface waters, check type of federal dredge and fill permit requested:

☐ Individual	☐ Programmatic General	☐ General
☐ Nationwide	☒ Not Applicable	

E. Are you claiming to qualify for an exemption? ☐ yes ☒ no

If yes, provide rule number if known. _____

Note 1: The project traverses two land ownerships - Trustees of the Internal Improvement Trust Fund (managed by the Florida Department of Environmental Protection (FDEP) Office of Greenways and Trails (OGT) and Florida Power Corporation d/b/a Progress Energy Florida (PEF). OGT is the larger land owner and PEF owns the parcel between the Inglis Lock Bypass Channel and CR 40.

Note 2: For purposes of the Environmental Resource Permit, PEF will be the sole applicant as PEF will be the entity constructing the project. However, the OGT has been consulted in the development of the project and will be jointly collaborating in the area once construction is complete. Gina Brooks/FDEP is familiar with the proposed project activities.

PART 3: A. OWNER(S) OF LAND ¹	B. ENTITY TO RECEIVE PERMIT (IF OTHER THAN OWNER) ²
Name Trustees of the Internal Improvement Trust Fund	Name John J. (Jamie) Hunter
Title and Company	Title and Company Lead Environmental Specialist Progress Energy Florida
Address Florida Department of Environmental Protection Division of State Lands and Office of Greenways and Trails 3900 Commonwealth Blvd.	Address PO Box 14042, PEF-903
City, State, Zip Tallahassee FL 32399-6575	City, State, Zip St. Petersburg, FL 33733
Telephone and Fax	Telephone and Fax Phone: (727) 820-5764 Fax:
E-mail Address: (optional)	E-mail Address: (optional) John.Hunter@pgnmail.com
C. AGENT AUTHORIZED TO SECURE PERMIT	D. CONSULTANT (IF DIFFERENT FROM AGENT)
Name	Name Amy L. Windom. P.E.
Title and Company	Title and Company Project Engineer CH2M HILL
Address	Address 225 East Robinson St., Suite 505
City, State, Zip	City, State, Zip Orlando, FL 32801-4321
Telephone and Fax Phone: Fax:	Telephone and Fax Phone: (407) 423-0001 x244 Fax: (407) 839-5901
E-mail Address: (optional)	E-mail Address: (optional) Amy.Windom@CH2M.com

Note 1: The project traverses two land ownerships - Trustees of the Internal Improvement Trust Fund (managed by the Florida Department of Environmental Protection (FDEP) Office of Greenways and Trails (OGT) and Florida Power Corporation d/b/a Progress Energy Florida (PEF). OGT is the larger land owner and PEF owns the parcel between the Inglis Lock Bypass Channel and CR 40.

Note 2: For purposes of the Environmental Resource Permit, PEF will be the sole applicant as PEF will be the entity constructing the project. However, the OGT has been consulted in the development of the project and will be jointly collaborating in the area once construction is complete. Gina Brooks/FDEP is familiar with the proposed project activities.

PART 4: (Please provide metric equivalent for federally funded projects):

- A. Name of Project, including phase if applicable: **Cross Florida Greenway Recreational Improvement Area, which includes the upland construction of a barge slip/boat ramp and an access road/bridge to connect the barge slip/boat ramp to CR 40. The work will be constructed above mean high water and a future permit activity will be required to excavate the connection to the Cross Florida Barge Canal**
- B. Is this application for part of a multi-phase project? ☒ Yes ☐ No
- C. Total applicant-owned area contiguous to the project? _____ ac.; _____ ha.
- D. Total area served by the system: **13.6** ac.; _____ ha **for the access road/bridge and barge slip/boat ramp**
- E. Impervious area for which a permit is sought: **4.74** ac.; _____ ha.
- F. Volume of water that the system is capable of impounding: **0.593** ac. ft.
- G. What is the total area of work in, on, or over wetlands or other surface waters? **The total work in, on, or over a surface water of 0.14 ac. (6206 sq. ft.) is the shading of the surface water by the proposed bridge over the Inglis Lock Bypass Channel. Zero work is proposed in, on, or over wetlands.**
- H. Total volume of material to be dredged: **0** yd³
- I. Number of new boat slips proposed: _____ wet slips; _____ dry slips

PART 5:

Project location (use additional sheets if needed):

County(ies) **Levy**

Section(s) **6**

Township **17S**

Range **17E**

Section(s)

Township

Range

Section(s)

Township

Range

Land Grant name, if applicable: **Not Applicable (N/A)**

Tax Parcel Identification Number:

Street Address Road or other location:

City, Zip Code, if applicable: _____

PART 6: Describe in general terms the proposed project, system, or activity.

Progress Energy Florida (PEF), after consultation with the Florida Department of Environmental Protection's Division of State Lands and Office of Greenways and Trails (OGT), is proposing a bridged vehicular accessway in the area of the Inglis Lock Bypass Channel to be known as the Cross Florida Greenway Recreational Improvement Area. This permit request is for the upland construction and bridge over the channel. For a more detailed project description, please refer to Exhibit A.

Note 1: The project traverses two land ownerships - Trustees of the Internal Improvement Trust Fund (managed by the Florida Department of Environmental Protection (FDEP) Office of Greenways and Trails (OGT) and Florida Power Corporation d/b/a Progress Energy Florida (PEF). OGT is the larger land owner and PEF owns the parcel between the Inglis Lock Bypass Channel and CR 40.

Note 2: For purposes of the Environmental Resource Permit, PEF will be the sole applicant as PEF will be the entity constructing the project. However, the OGT has been consulted in the development of the project and will be jointly collaborating in the area once construction is complete. Gina Brooks/FDEP is familiar with the proposed project activities.

PART 7:

A. If there have been any pre-application meetings, including onsite meetings, with regulatory staff, please list the date(s), location(s), and names of key staff and project representatives.

December 12, 2007 Meeting: Jim Maher/FDEP, Jim Stoutamire/FDEP, Aaron Sarchet/FDEP, Scott Woollam/FDEP, Toni Sturtevant/FDEP, Jena Brooks/FDEP, Mickey Thomason/OGT, Cindy Mulkey/FDEP, Jamie Hunter/PEF, Paul Lewis/PEF, Richard Brightman/ Hopping Green & Sams, and Frank Matthews/Hopping Green & Sams.

February 11, 2008 Meeting: Greg Strong/FDEP, Bill Green/FDEP, Jim Maher/FDEP, Rusty Price/FDEP, Chris Kirts/FDEP, Connie Webel/FDEP, Jeff Martin/FDEP, Cindy Mulkey/FDEP, Mike Halpin/FDEP, Paul Snead/PEF, Jamie Hunter/PEF, Amy Dierolf/PEF, Frank Matthews/Hopping Green & Sams, Dale Shepherd/Shaw Group, Randy Whetsel/Shaw Group, Manita Moultrie/Golder, Bill Marsh/CH2M HILL, Martha Klein/ CH2M HILL, Mitchell Griffin/CH2M HILL, and Paulette Fiske/CH2M HILL.

February 11, 2008 Meeting: Jason Spinning/USACE, Jon Griffin/USACE, Dorothy Boardman/USACE, Paul Snead/PE, Jamie Hunter/PEF, Amy Dierolf/PEF, Frank Matthews/Hopping Green & Sams, Dale Shepherd/Shaw Group, Randy Whetsel/Shaw, Manita Moultrie/Golder, Bill Marsh/CH2M HILL, Martha Klein/ CH2M HILL, Mitchell Griffin/CH2M HILL, and Paulette Fiske/CH2M HILL.

April 18, 2008 Meetings: Jena Brooks/FDEP, Mickey Thomason/OGT, Bob Ballard/FDEP, Cindy Mulkey/FDEP, Carla Gaskin/FDEP (for Mimi Drew), Debby Tucker/FDEP, Toni Sturtevant/FDEP, Erma Slager/FDEP, Dale Shepherd/Shaw Group, Paul Sneed/PEF, Scott Woollam/FDEP, Frank Matthews/Hopping Green & Sams, Richard Brightman/ Hopping Green & Sams, and Martha Klein/CH2M HILL.

April 23, 2008 Meeting: Jason Spinning/USACE, Jamie Hunter/PEF, Martha Klein/CH2M HILL, Darren Bishop/CH2M HILL, Gabriel Dupree/CH2M HILL, Richa Srivastava/CH2M HILL, and Amelia Savage/Hopping Green & Sams.

May 23, 2008 Meeting: Bob Ballard/OGT, Paul Lewis/OGT, Doug Roberts/OGT, Jamie Hunter/PEF, Bud Vielhauer/FDEP, Mickey Thomason/OGT Jim Stoutamire/FDEP and Frank Matthews /Hopping Green & Sams.

May 27, 2008 Meeting: Jason Spinning/USACE, Osvaldo Collazo/USACE, Jamie Hunter/PEF, Martha Klein/CH2M HILL, Amy Windom/CH2M HILL, Bill Marsh/CH2M HILL, George Drewett/Shaw Group, and Frank Matthews /Hopping Green & Sams.

May 27, 2008 Meeting: Jim Maher/FDEP, Laura Savage/FDEP, Connie Webel/FDEP, Jamie Hunter/PEF, Martha Klein/CH2M HILL, Amy Windom/CH2M HILL, Bill Marsh/CH2M HILL, George Drewett/Shaw Group, and Frank Matthews /Hopping Green & Sams.

June 13, 2008 Meeting: Greg Strong/FDEP, Jim Maher/FDEP, Connie Webel/FDEP, Jeff Martin/FDEP, Chris Cirts/FDEP, FDEP Staff by phone, Paul Sneed/PEF, Jamie Hunter/PEF, Martha Klein/CH2M HILL, Amy Windom/CH2M HILL, Bill Marsh/CH2M HILL, George Drewett/Shaw Group, David Watson/Shaw Group, and Hopping Green & Sams Staff by phone.

B. Please identify by number any MSSW/Wetland Resource/ERP/ACOE Permits pending, issued or denied for projects at the location, and any related enforcement actions.

Agency	Date	No.\Type of Application	Action Taken
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None

C. Note: The following information is required for projects proposed to occur in, on or over wetlands that need a federal dredge and fill permit or an authorization to use state owned submerged lands. Please provide the names, addresses and zip codes of property owners whose property directly adjoins the project (excluding application) and/or (for proprietary authorizations) is located within a 500 ft. radius of the applicant's land. Please attach a plan view showing the owner's names and adjoining property lines. Attach additional sheets if necessary.

N/A

Note 1: The project traverses two land ownerships - Trustees of the Internal Improvement Trust Fund (managed by the Florida Department of Environmental Protection (FDEP) Office of Greenways and Trails (OGT) and Florida Power Corporation d/b/a Progress Energy Florida (PEF). OGT is the larger land owner and PEF owns the parcel between the Inglis Lock Bypass Channel and CR 40.

Note 2: For purposes of the Environmental Resource Permit, PEF will be the sole applicant as PEF will be the entity constructing the project. However, the OGT has been consulted in the development of the project and will be jointly collaborating in the area once construction is complete. Gina Brooks/FDEP is familiar with the proposed project activities.

PART 8:

A. By signing this application form, I am applying, or I am applying on behalf of the applicant, for the permit and any proprietary authorizations identified above, according to the supporting data and other incidental information filed with this application. I am familiar with the information contained in this application and represent that such information is true, complete and accurate. I understand this is an application and not a permit, and that work prior to approval is a violation. I understand that this application and any permit issued or proprietary authorization issued pursuant thereto, does not relieve me of any obligation for obtaining any other required federal, state, water management district or local permit prior to commencement of construction. I agree, or I agree on behalf of the applicant, to operate and maintain the permitted system unless the permitting agency authorizes transfer of the permit to a responsible operation entity. I understand that knowingly making any false statement or representation in this application is a violation of Section 373.430, F.S. and 18 U.S.C. Section 1001.

Daniel Roderick		
Typed/Printed Name of Applicant	Signature of Applicant	Date

Vice President, Progress Energy Florida
(Corporate Title if applicable)

AN AGENT MAY SIGN ABOVE ONLY IF THE APPLICANT COMPLETES THE FOLLOWING:

B. I hereby designate and authorize the agent listed above to act on my behalf, or on behalf of my corporation, as the agent in the processing of this application for the permit and/or proprietary authorization indicated above; and to furnish, on request, supplemental information in support of the application. In addition, I authorize the above-listed agent to bind me, or my corporation, to perform any requirements which may be necessary to procure the permit or authorization indicated above. I understand that knowingly making any false statement or representation in this application is a violation of Section 373.430, F.S. and 18 U.S.C. Section 1001.

Typed/Printed Name of Applicant	Signature of Applicant	Date

(Corporate Title if applicable)

Please note: The applicant's original signature (not a copy) is required above.

PERSON AUTHORIZING ACCESS TO THE PROPERTY MUST COMPLETE THE FOLLOWING:

C. I either own the property described in this application or I have legal authority to allow access to the property, and I consent, after receiving prior notification, to any site visit on the property by agents or personnel from the Department of Environmental Protection, the Water Management District and the U.S. Army Corps of Engineers necessary for the review and inspection of the proposed project specified in this application. I authorize these agents or personnel to enter the property as many times as may be necessary to make such review and inspection. Further, I agree to provide entry to the project site for such agents or personnel to monitor permitted work if a permit is granted.

Daniel Roderick		
Typed/Printed Name of Applicant	Signature of Applicant	Date

Vice President, Progress Energy Florida
(Corporate Title if applicable)

Note 1: The project traverses two land ownerships - Trustees of the Internal Improvement Trust Fund (managed by the Florida Department of Environmental Protection (FDEP) Office of Greenways and Trails (OGT) and Florida Power Corporation d/b/a Progress Energy Florida (PEF). OGT is the larger land owner and PEF owns the parcel between the Inglis Lock Bypass Channel and CR 40.

Note 2: For purposes of the Environmental Resource Permit, PEF will be the sole applicant as PEF will be the entity constructing the project. However, the OGT has been consulted in the development of the project and will be jointly collaborating in the area once construction is complete. Gina Brooks/FDEP is familiar with the proposed project activities.

SECTION C

Environmental Resource Permit Notice of Receipt of Application

Note: this form does not need to be submitted for noticed general permits.

This information is required in addition to that required in other sections of the application. Please submit five copies of this notice of receipt of application and all attachments with the other required information. Please submit all information on 8 1/2" x 11" paper.

Project Name **Cross Florida Greenway Recreational Improvement Area**
County **Levy County**
Owner **Trustees of the Internal Improvement Trust Fund and Progress Energy Florida, Inc.**
Applicant: **Florida Power Corporation d/b/a/ Progress Energy Florida, Inc.**
Applicant's Address: **299 First Avenue North; St. Petersburg, FL 33701**

Progress Energy Florida (PEF), after consultation with the Florida Department of Environmental Protection's Division of State Lands and Office of Greenways and Trails (OGT), is proposing a bridged vehicular accessway in the area of the Inglis Lock Bypass Channel to be known as the Cross Florida Greenway Recreational Improvement Area. This permit request is for the upland construction and bridge over the channel. For a more detailed project description, please refer to Exhibit A.

1. Indicate the project boundaries on a USGS quadrangle map. Attach a location map showing the boundary of the proposed activity. The map should also contain a north arrow and a graphic scale; show Section(s), Township(s), and Range(s); and must be of sufficient detail to allow a person unfamiliar with the site to find it.

Refer to the USGS Quadrangle Map (Figure 1) and Location Map (Figure 2) provided as part of this permit application.

2. Provide the names of all wetlands, or other surface waters that would be dredged, filled, impounded, diverted, drained, or would receive discharge (either directly or indirectly), or would otherwise be impacted by the proposed activity, and specify if they are in an Outstanding Florida Water (OFW) or Aquatic Preserve:

No dredge or fill is proposed at this time. Minimal impact is to the Inglis Lock Bypass Channel shorelines due to the construction of the proposed bridge.

All waters within the project area are designated as Class III waters and no Aquatic Preservers or OFWs as defined in Chapter 62-302 of the Florida Administrative Code (F.A.C.) are traversed or impacted by the proposed improvements. The portion of the lower Withlacoochee River from the Gulf of Mexico to the Inglis Lock Bypass Channel is a designated OFW; however, the portion of the river between Lake Rousseau and the Cross Florida Barge Canal is not included. See Rule 62-302.700(9)(i)41, Florida Administrative Code.

3. Attach a depiction (plan and section views), which clearly shows the works or other facilities proposed to be constructed. Use multiple sheets, if necessary. Use a scale sufficient to show the location and type of works.

Refer to the Site and Structure Plans by The Shaw Group, Inc., bound separately. The only impact will be the shading of the Inglis Lock Bypass Channel surface water by the proposed bridge.

4. Briefly describe the proposed project (such as "construct dock with boat shelter", "replace two existing culverts", "construct surface water management system to serve 150 acre residential development"):

Progress Energy Florida (PEF), after consultation with the Florida Department of Environmental Protection's Division of State Lands and Office of Greenways and Trails (OGT), is proposing a bridged vehicular accessway in the area of the Inglis Lock Bypass Channel to be known as the Cross Florida Greenway Recreational Improvement Area. This permit request is for the upland construction and bridge over the channel. For a more detailed project description, please refer to Exhibit A.

5. Specify the acreage of wetlands or other surface waters, if any, that are proposed to be filled, excavated, or otherwise disturbed or impacted by the proposed activity:

filled _____ ac.; excavated _____; filled/excavated _____ ac.
other impacts _____ ac. (Temporary); **0.14** ac. (Shading); Total impacts **0.14** ac.

6. Provide a brief statement describing any proposed mitigation for impacts to wetlands and other surface waters (attach additional sheets if necessary):

No permanent wetland impacts are expected as part of this project; therefore, no mitigation is proposed.

FOR AGENCY USE ONLY

Application Name:

Application Number:

Office where the application can be inspected:

Note to Notice recipient: The information in this notice has been submitted by the applicant, and has not been verified by the agency. It may be incorrect, incomplete or may be subject to change.

SECTION E

INFORMATION REQUESTED FOR STANDARD GENERAL, INDIVIDUAL AND CONCEPTUAL ENVIRONMENTAL RESOURCE PERMIT APPLICATIONS NOT RELATED TO A SINGLE FAMILY DWELLING UNIT

Please provide the information requested below if the proposed project requires either a standard general, individual, or conceptual approval environmental resource permit and is not related to an individual, single family dwelling unit, duplex or quadruplex. The information listed below represents the level of information that is usually required to evaluate an application. The level of information required for a specific project will vary depending on the nature and location of the site and the activity proposed. Conceptual approvals generally do not require the same level of detail as a construction permit. However, providing a greater level of detail will reduce the need to submit additional information at a later date. If an item does not apply to your project, proceed to the next item. Please submit all information that is required by the Department on either 8 1/2 in. X 11 in. paper or 11 in. X 17 in. paper. Larger drawings may be submitted to supplement but not replace these smaller drawings.

I. Site Information

- A. Provide a map(s) of the project area and vicinity delineating USDA/SCS soil types.

Refer to the attached *Soils Map (Figure 3)* delineating United States Department of Agriculture/Natural Resource Conservation Service (NRCS, formerly SCS) soils within the project area. Additional NRCS soils information is provided in Appendix D of the *Stormwater Management Report* by The Shaw Group, Inc., bound separately.

- B. Provide recent aerials, legible for photo interpretation with a scale of 1" = 400 ft, or more detailed, with project boundaries delineated on the aerial.

Refer to the attached *Project Aerial Map (Figure 4)* for the recent project aerial.

- C. Identify the seasonal high water or mean high tide elevation and normal pool or mean low tide elevation for each onsite wetland or surface water, including receiving waters into which runoff will be discharged. Include dates, datum, and methods used to determine these elevations.

The Mean High Water elevation tidal area of the Cross Florida Barge Canal is approximately elevation 1.21 ft in the North American Vertical Datum of 1988 (NAVD88) based on National Oceanic and Atmospheric Administration (NOAA) tidal data. This information is provided in Appendix C of the *Stormwater Management Report* by The Shaw Group, Inc., bound separately.

- D. Identify the wet season high water tables at the locations representative of the entire project site. Include dates, datum, and methods used to determine these elevations.

Seasonal high water table was estimated to be 3.5 feet below land surface based on the NRCS Soil Survey information provided in Appendix D the *Stormwater Management Report* by The Shaw Group, Inc., bound separately.

II. Environmental Considerations

- A. Provide results of any wildlife surveys that have been conducted on the site, and provide any comments pertaining to the project from the Florida Game and Fresh Water Fish Commission and the U.S. Fish and Wildlife Service.

Field surveys were conducted by CH2M HILL ecologists from December 04, 2007 through January 28, 2008 in the vicinity of the Project site to identify potential habitat or occurrences of listed species. The gopher tortoise (*Gopherus polyphemus*) and Florida manatee (*Trichechus manatus latirostris*) were the only listed species for which evidence of habitation (e.g., occurrences, nests, suitable habitat) was documented within the vicinity of the Project site. Several listed species are known to co-exist in gopher tortoise burrows, including the eastern indigo snake (*Drymarchon corais couperi*). No evidence of activity or occurrence of these commensal species was noted during field surveys.

- B. Provide a description of how water quantity, quality, hydroperiod, and habitat will be maintained in onsite wetlands and other surface waters that will be preserved or will remain undisturbed.

All Project facilities were configured to be more than 25 feet from wetlands to avoid primary and secondary wetland impacts. Because no wetlands will be impacted by the Project, water quantity, quality, hydroperiod and habitat will be maintained for all wetlands in the vicinity of the proposed Project. In addition, treatment swales will collect and infiltrate stormwater runoff to manage water quantity and quality to surrounding wetlands and surface waters. A turbidity curtain is proposed around all work within the surface waters.

- C. Provide a narrative description of any proposed mitigation plans, including purpose, maintenance, monitoring, and construction sequence and techniques, and estimated costs.

Because there are no wetland impacts and only temporary minor impacts for shading a man-made surface water, no mitigation is proposed at this time. If it is determined that mitigation is needed, credits would likely be purchased from an existing mitigation bank.

- D. Describe how boundaries of wetlands or other surface waters were determined. If there has ever been a jurisdictional declaratory statement, a formal wetland determination, a formal determination, a validated informal determination, or a revalidated jurisdictional determination, provide the identifying number.

Wetland delineations were conducted by CH2M HILL ecologists in April 2008 in accordance with the definitions and methodologies defined in the 1987 USACE Wetland Delineation Manual and FDEP Rule 62-340, Florida Administrative Code. The surface water boundaries of the Cross Florida Barge Canal and the Inglis Lock Bypass Channel were determined from available NOAA data regarding tidal conditions in the area. No formal or informal determinations have been conducted by state or federal agencies.

- E. Impact Summary Tables:

1. For all projects, complete Tables 1, 2 and 3 as applicable.
2. For docking facilities or other structures constructed over wetlands or other surface waters, provide the information requested in Table 4.
3. For shoreline stabilization projects, provide the information requested in Table 5.

III. Plans

Provide clear, detailed plans for the system including specifications, plan (overhead) views, cross sections (with the locations of the cross sections shown on the corresponding plan view), and profile (longitudinal) views of the proposed project. The plans must be signed and sealed by an appropriate registered professional as required by law. Plans must include a scale and a north arrow. These plans should show the following:

Refer to the *Site and Structure Plans* by The Shaw Group, Inc., bound separately.

- A. Project area boundary and total land area, including distances and orientation from roads or other land marks;

Refer to the *Site and Structure Plans* by The Shaw Group, Inc., bound separately.

- B. Existing land use and land cover (acreage and percentages), and onsite natural communities, including wetlands and other surface waters, aquatic communities, and uplands. Use the Florida Land Use Cover & Classification System (FLUCCS)(Level 3) for projects proposed in the South Florida Water Management District, the St. Johns River Water Management District, and the Suwannee River Water Management District and use the National Wetlands Inventory (NWI) for projects proposed in the Southwest Florida Water Management District. Also identify each community with a unique identification number which must be consistent in all exhibits.

Further detail of the land use information summarized below is provided in the *Ecological Report* by CH2M HILL, bound separately.

Existing Land Cover	FLUCCS Code	Project Area (acres)	Percent of Total Project Area
Other Open Lands	190	2.03	31
Transportation	810	1.27	19
Tree Plantations	440	3.17	48
Reservoir	510	0.14	2

- C. The existing topography extending at least 100 feet off the project area, and including adjacent wetlands and other surface waters. All topography shall include the location and a description of known benchmarks, referenced to NGVD. For systems waterward of the mean high water (MHW) or seasonal high water lines, show water depths, referenced to mean low water (MLW) in tidal areas or seasonal low water in non-tidal areas, and list the range between MHW and MLW. For docking facilities, indicate the distance to, location of, and depths of the nearest navigational channel and access routes to the channel.

Refer to the *Site and Structure Plans* by The Shaw Group, Inc., bound separately.

- D. If the project is in the known flood plain of a stream or other water course, identify the following: 1) the flood plain boundary and approximate flooding elevations; and 2) the 100-year flood elevation and floodplain boundary of any lake, stream or other watercourse located on or adjacent to the site;

The Cross Florida Barge Canal and Inglis Lock Bypass Channel are both within the 100-year floodplain as defined by the Federal Emergency Management Agency (FEMA) mapping and shown in the attached *FEMA Floodplain Map* (Figure 5). No impact to the floodplain due to fill is proposed as work below the floodplain elevation will only include excavation adjacent to the Cross Florida Barge Canal for the upland construction of the future barge slip/boat ramp. Further information is provided in Section 6 of the *Stormwater Report* by The Shaw Group, Inc., bound separately.

- E. The boundaries of wetlands and other surface waters within the project area. Distinguish those wetlands and other surface waters that have been delineated by any binding jurisdictional determination;

Refer to the *Site and Structure Plans* by The Shaw Group, Inc., bound separately. The wetland has been avoided and the shading will be for the bridge over the Inglis Lock Bypass Channel surface water.

- F. Proposed land use, land cover and natural communities (acreage and percentages), including wetlands and other surface waters, undisturbed uplands, aquatic communities, impervious surfaces, and water management areas. Use the same classification system and community identification number used in III (B) above.

Further detail of the land use information summarized below is provided in the *Ecological Report* by CH2M HILL, bound separately.

Proposed Land Cover	FLUCCS Code	Project Area (acres)	Percent of Total Project Area
Transportation	810	6.47	98
Stream or Waterway (Transportation)	510	0.14	2

- G. Proposed impacts to wetlands and other surface waters, and any proposed connections/outfalls to other surface waters or wetlands;
- The one onsite wetland has been avoided; however, there will be minimal impact to the Inglis Lock Bypass Channel shoreline due to the construction of the proposed bridge.**
- H. Proposed buffer zones;
- A buffer greater than 25-ft to the onsite wetland has been provided as shown on the *Site and Structure Plans* by The Shaw Group, Inc., bound separately.**
- I. Pre- and post-development drainage patterns and basin boundaries showing the direction of flows, including any off-site runoff being routed through or around the system; and connections between wetlands and other surface waters;
- Refer to the Appendix A.1 and Appendix A.2 in the *Stormwater Management Report* by The Shaw Group, Inc., bound separately.**
- J. Location of all water management areas with details of size, side slopes, and designed water depths;
- Refer to the Section 5 of the *Stormwater Management Report* by The Shaw Group, Inc., bound separately, for the calculations and the *Site and Structure Plans* by The Shaw Group, Inc., bound separately, for the design plans for the construction details of each dry swale.**
- K. Location and details of all water control structures, control elevations, any seasonal water level regulation schedules; and the location and description of benchmarks (minimum of one benchmark per structure);
- Refer to the Section 5 of the *Stormwater Management Report* by The Shaw Group, Inc., bound separately, for the calculations and the *Site and Structure Plans* by The Shaw Group, Inc., bound separately, for the design plans for the construction details of each dry swale.**
- L. Location, dimensions and elevations of all posed structures, including docks, seawalls, utility lines, roads, and buildings;
- The upland construction of a concrete barge slip/boat ramp is proposed adjacent to the Cross Florida Barge Canal as shown on the *Site and Structure Plans* by The Shaw Group, Inc., bound separately.**
- M. Location, size, and design capacity of the internal water management facilities;
- Refer to the Section 5 of the *Stormwater Management Report* by The Shaw Group, Inc., bound separately, for the calculations and the *Site and Structure Plans* by The Shaw Group, Inc., bound separately, for the design plans for the construction details of each dry swale.**
- N. Rights-of-way and easements for the system, including all onsite and off-site areas to be reserved for water management purposes, and rights-of-way and easements for the existing drainage system, if any;
- Refer to the *Site and Structure Plans* by The Shaw Group, Inc., bound separately.**
- O. Receiving waters or surface water management systems into which runoff from the developed site will be discharged;
- Receiving waters are the tidal Cross Florida Barge Canal and Inglis Lock Bypass Channel. Refer to the Section 5 of the *Stormwater Management Report* by The Shaw Group, Inc., bound separately, for the calculations and the *Site and Structure Plans* by The Shaw Group, Inc., bound separately, for the design plans for the construction details of each dry swale.**
- P. Location and details of the erosion, sediment and turbidity control measures to be implemented during each phase of construction and all permanent control measures to be implemented in post-development conditions;
- Turbidity curtain is proposed in the surface waters. Staked silt barriers are defined in the Erosion and Sediment Control notes to be placed at the downstream toe of all fill slopes unless otherwise protected. Refer to the *Site and Structure Plans* by The Shaw Group, Inc., bound separately, for further detail.**

- Q. Location, grading, design water levels, and planting details of all mitigation areas;
N/A
- R. Site grading details, including perimeter site grading;
Refer to the *Site and Structure Plans* by The Shaw Group, Inc., bound separately, for site and perimeter grade details.
- S. Disposal site for any excavated material, including temporary and permanent disposal sites;
Disposal of the excavated material will be to an upland stockpile area onsite in accordance with State and Federal Regulations, as applicable. Refer to the *Site and Structure Plans* by The Shaw Group, Inc., bound separately. The excavated material in the temporary stockpile is to be used for the fill needed for the access roadway construction.
- T. Dewatering plan details;
As the dredge to connect this construction to the Cross Florida Barge Canal is not proposed, dewatering is not expected for this project. Further information is provided in Section IV. Construction Schedule and Techniques.
- U. For marina facilities, locations of any sewage pumpout facilities, fueling facilities, boat repair and maintenance facilities, and fish cleaning stations.
N/A
- V. Location and description of any nearby existing off-site features which might be affected by the proposed construction or development such as stormwater management ponds, buildings or other structures, wetlands or other surface waters.
N/A
- W. For phased projects, provide a master development plan.
N/A

IV. Construction Schedule and Techniques

Provide a construction schedule, and a description of construction techniques, sequencing and equipment. This information should specifically include the following:

An expected construction schedule is provided below. The contractor will be responsible for refining this schedule as well as erecting and maintaining erosion and turbidity controls as specified in the *Site and Structure Plans* by The Shaw Group, Inc., bound separately. The contractor will also be responsible for all associated permits, such as the National Pollution Discharge Elimination System (NPDES) General Permit for Construction Activities and associated Stormwater Pollution Prevention Plan, as specified in the Contractor's Specification Package for project letting.

- F. Methods for transporting equipment and materials to and from the work site. If barges are required for access, provide the low water depths and draft of the fully loaded barge;

Equipment and materials will be transported to the site via existing surface roadways.

- G. Demolition plan for any existing structures to be removed; and

N/A

- H. Identify the schedule and party responsible for completing monitoring, record drawings, and as-built certifications for the project when completed.

The schedule is in Section IV. Construction Schedule and Techniques of this application. The contractor will be responsible for any monitoring, record drawings, and as-built certificates under the supervision of PEF. Turbidity monitoring will occur daily during excavation activities and in accordance with the NPDES General Permit for Construction Activities also required for this project.

V. Drainage Information

- A. Provide pre-development and post-development drainage calculations, signed and sealed by an appropriate registered professional, as follows:

Drainage calculations are provided in Section 5 of the *Stormwater Report* by The Shaw Group, Inc., bound separately. Note that as the site currently drains to the tidal portions of the Cross Florida Barge Canal and Inglis Lock Bypass Channel, attenuation is not proposed.

1. Runoff characteristics, including area, runoff curve number or runoff coefficient, and time of concentration for each drainage basin;
 2. Water table elevations (normal and seasonal high) including aerial extent and magnitude of any proposed water table draw down;
 3. Receiving water elevations (normal, wet season, design storm);
 4. Design storms used including rainfall depth, duration, frequency, and distribution;
 5. Runoff hydrograph(s) for each drainage basin, for all required design storm event(s);
 6. Stage-storage computations for any area such as a reservoir, close basin, detention area, or channel, used in storage routing;
 7. Stage-discharge computations for any storage areas at a selected control point, such as control structure or natural restriction;
 8. Flood routings through onsite conveyance and storage areas;
 9. Water surface profiles in the primary drainage system for each required design storm event(s);
 10. Runoff peak rates and volumes discharged from the system for each required design storm event(s);
 11. Tail water history and justification (time and elevation); and
 12. Pump specifications and operating curves for range of possible operating conditions (if used in system).
- B. Provide the results of any percolation tests, where appropriate, and soil borings that are representative of the actual site conditions;

NRCS soil information used for the calculations are provided in Appendix D of the *Stormwater Management Report* by The Shaw Group, Inc., bound separately.

- C. Provide the acreage, and percentages of the total project, of the following:
1. Impervious surfaces, excluding wetlands; Total **4.29 ac.**
 2. Pervious surfaces (green areas, not including wetlands); Total **92.75 ac.**
 3. Lakes, canals, retention areas, other open water areas; **12.45 ac.**
 4. Wetlands. Total **0 ac wetland impact and 0.14 ac of surface water shading impact**
- D. Provide an engineering analysis of floodplain storage and conveyance (if applicable), including:
- N/A**
1. Hydraulic calculations for all proposed traversing works;
 2. Backwater water surface profiles showing upstream impact of traversing works;
 3. Location and volume of encroachment within regulated floodplain(s); and
 4. Plan for compensating floodplain storage, if necessary, and calculations required for determining minimum building and road flood elevations.
- E. Provide an analysis of the water quality treatment system including:
- Treatment calculations are provided in Section 5 of the *Stormwater Report* by The Shaw Group, Inc., bound separately. Dry swales are designed in accordance with the SWFWMD On-Line Dry Retention requirements.**
1. A description of the proposed stormwater treatment methodology that addresses the type of treatment, pollution abatement volumes, and recovery analysis; and
 2. Site plans and calculations that address stage-storage and design elevations, which demonstrate compliance with the appropriate water quality treatment criteria.
- F. Provide a description of the engineering methodology, assumptions and references for the parameters listed above, and a copy of all such computations, engineering plans, and specifications used to analyze the system. If a computer program is used for the analysis, provide the name of the program, a description of the program, input and output data, two diskette copies, if available, and justification for model selection.
- Computer programs used for the calculations include Microsoft Excel, FlowMaster, and HydroCAD as listed in Section 7 of the *Stormwater Report* by The Shaw Group, Inc., bound separately. Excel was used for area and treatment calculations. FlowMaster was used to compute the swale flow using the Manning's Formula. HydroCAD was used to compute the peak flows and routing for the 25 year/24 hour event with rainfall of 8.5-inches and SCS methodology.**

VI. Operation and Maintenance and Legal Documentation

- A. Describe the overall maintenance and operation schedule for the proposed system.
- PEF will maintain the facility associated with the barge slip/boat ramp and bridged vehicular accessway. This will include routine maintenance of the proposed stormwater management systems in accordance with the approved FDEP Environmental Resource Permit.**
- B. Identify the entity that will be responsible for operating and maintaining the system in perpetuity if different than the permittee, a draft document enumerating the enforceable affirmative obligations on the entity to properly operate and maintain the system for its expected life, and documentation of the entity's financial responsibility for long-term maintenance. If the proposed operation and maintenance entity is not a property owner's association, provide proof of the existence of an entity, or the future acceptance of the system by an entity which will operate and maintain the system. If a property owner's association is the proposed operation and maintenance entity, provide copies of the articles of incorporation for the association and copies of the declaration, restrictive covenants, deed restrictions, or other operational documents that assign responsibility for the operation and maintenance of the system. Provide information ensuring the continued adequate access to the system for maintenance

purposes. Before transfer of the system to the operating entity will be approved, the permittee must document that the transferee will be bound by all terms and conditions of the permit.

See item A.

- C. Provide copies of all proposed conservation easements, stormwater management system easements, property owner's association documents, and plats for the property containing the proposed system.

N/A

- D. Provide indication of how water and waste water service will be supplied. Letters of commitment from off-site suppliers must be included.

N/A

- E. Provide a copy of the boundary survey and/or legal description and acreage of the total land area of contiguous property owned/controlled by the applicant.

To be provided.

VII. Water Use

- A. Will the surface water system be used for water supply, including landscape irrigation, or recreation.

No.

- B. If a Consumptive Use or Water Use permit has been issued for the project, state the permit number.

N/A

- C. If no Consumptive Use or Water Use permit has been issued for the project, indicate if such a permit will be required and when the application for a permit will be submitted.

N/A

- D. Indicate how any existing wells located within the project site will be utilized or abandoned.

None.

Project Impact Summary

WL & SW ID	WL & SW TYPE	WL & SW SIZE (ac.) ONSITE	WL & SW ACRES NOT IMPACTED	PERMANENT IMPACTS TO WL & SW		TEMPORARY IMPACTS TO WL & SW		MITIGATION ID
				IMPACT SIZE (acres)	IMPACT CODE	IMPACT SIZE (acres)	IMPACT CODE	
Inglis Lock Bypass Channel	SW	Approximately 32 ac.	Approximately 31.86 ac.	0.14 ac	S	0.00 ac	None	None

WL = Wetland; **SW** = Surface water; **ID** = Identification number, letter, etc.

Wetland Type: Use an established wetland classification system and, in the comments section below, indicate which classification system is being used.

Impact Code (Type): D = dredge; F = fill; H = change hydrology; S = shading; C = clearing; O = other. Indicate the final impact if more than one impact type is proposed in a given area. For example, show F only for an area that will first be demucked and then backfilled.

Note: Multiple entries per cell are not allowed, except in the "Mitigation ID" column. Any given acreage of wetland should be listed in one row only, such that the total of all rows equals the project total for a given category (column). For example, if Wetland No. 1 includes multiple wetland types and multiple impact codes are proposed in each type, then each proposed impact in each wetland type should be shown on a separate row, while the size of each wetland type found in Wetland No. 1 should be listed in only one row.

Comments:

TABLE 4
DOCKING FACILITY SUMMARY

Type of Structure*	Type of Work**	Number of Identical Docks	Length (feet)	Width (feet)	Height (feet)	Total square feet over water	Number of slips		
Barge Slip/Boat Ramp	New	1	250	50	--	0	1		
*Dock, Pier, Finger Pier, or other structure (please specify what type) **New, Replaced, Existing (unaltered), Removed, or Altered/Modified				TOTALS:		Existing		Proposed	
				Number of Slips		0		1	
				Square Feet over the water		0		0 sq. ft.	

Use of Structure:

Will the docking facility provide:

Live-aboard Slips? If yes, Number: No
 Fueling Facilities: If yes, Number: None
 Sewage Pump-out Facilities? If yes, Number: None
 Other Supplies or Services Required for Boating (excluding refreshments, bait and tackle)
☐ Yes ☒ No

Type of Materials for Decking and Pilings (i.e., CCA, pressure treated wood, plastic, or concrete)

Pilings: Yes, Concrete
 Decking: Concrete
 Proposed Dock-Plank Spacing (if applicable): N/A

Proposed Size (length and draft), Type, and Number of Boats Expected to Use or Proposed to be Mooring at the facility) In addition to potential construction access for upland industrial development, variable size recreational boats will use this facility for recreational access. **No moorings are proposed.**

Note: This project is for the upland construction of this barge slip/boat ramp only. A future permit effort will be required to removed the earth between the sheet pile and the Cross Florida Barge Canal to provide connectivity to the Cross Florida Barge Canal.

SECTION G

Application for Authorization to Use Sovereign Submerged Lands

Part 1: Sovereign Submerged Lands title information (see Attachment 5 for an explanation). Please read and answer the applicable questions listed below:

A. I have a sovereign submerged lands title determination from the Division of State Lands which indicates that the proposed project is NOT ON sovereign submerged lands (Please attach a copy of the title determination to the application). Yes ☐ No ☒

- If you answered Yes to Question A and you have attached a copy of the Division of State Lands Title Determination to this application, you do not have to answer any other questions under Part I or II of Section G.

B. I have a sovereign submerged lands title determination from the Division of State Lands which indicates that the proposed project is ON sovereign submerged lands (Please attach a copy of the title determination to the application). Yes ☐ No ☒

- If you answered yes to question B please provide the information requested in Part II. Your application will be deemed incomplete until the requested information is submitted.

C. I am not sure if the proposed project is on sovereign submerged lands (please check here). ☒

- If you have checked this box department staff will request that the Division of State Lands conduct a title determination. If the title determination indicates that the proposed project or portions of the project are located on sovereign submerged lands you will be required to submit the information requested in Part II of this application. The application will be deemed incomplete until the requested information is submitted.

D. I am not sure if the proposed project is on sovereign submerged lands and I DO NOT WISH to contest the Department's findings (please check here). ☒

- If you have checked this box refer to Part II of this application and provide the requested information. The application will be deemed incomplete until the requested information is submitted.

E. It is my position that the proposed project is NOT on sovereign submerged lands (please check here) ☐

- If you have evidence that indicates that the proposed project is not on sovereign submerged lands please attach the documentation to the application. If the Division of State Lands title determination indicates that your proposed project or portion of your proposed project are on sovereign submerged lands you will be required to provide the information requested in Part II of this application.

Sovereign Submerged Lands Determination Comment: Based on information in the June 13, 2008 Pre-Application Meeting, the Cross Florida Barge Canal and Inglis Lock Bypass Channel would be considered Sovereign Submerged Land for the purpose of Rule 18-21 F.A.C.

Proprietary approval will be needed to carry out these activities on state lands. For the barge slip/boat ramp, PEF will need an easement over the upland portions. For the vehicular bridged accessway, PEF will need an easement over the upland areas on either side of the Inglis Lock Bypass Channel and an easement over submerged lands for the footprint of the channel that the bridge will span. In order to provide vehicular access from the bridge to the future barge slip/boat ramp area, an easement over uplands will be needed.

F. If you wish to contest the findings of the title determination conducted by the Division of State Lands please contact the Department of Environmental Protection's Office of General Counsel. Your proposed project will be deemed incomplete until either the information requested in Part II is submitted or a legal ruling indicates that the proposed project is not on sovereign submerged lands.

Part II: If you were referred to this section by Part I, please provide this additional information. Please note that if your proposed project is on sovereign submerged lands and the below requested information is not provided, your application will be considered incomplete.

A. Provide evidence of title to the subject riparian upland property in the form of a recorded deed, title insurance, legal opinion of title, or a long-term lease which specifically includes riparian rights. Evidence submitted must demonstrate that the application has sufficient title interest in the riparian upland property.

The land is owned by the Board of Trustees of the Internal Improvement Trust Fund but is not expected to be considered Sovereign Submerged Land. PEF is seeking the necessary authorization from the board of trustees as part of this application. Because PEF is a public utility, evidence of sufficient upland interest in the riparian property is not a completeness issue and must only be provided prior to beginning construction. (Rule 18-21.004(3)(B), Florida Administrative Code.

B. Provide a detailed statement describing the existing and proposed upland uses and activities. For commercial uses, indicate the specific type of activity, such as marina, ship repair, dry storage (including the number of storage spaces), commercial fishing/seafood processing, fish camp, hotel, motel resort restaurant, office complex, manufacturing operation, etc.

Existing land cover types within the proposed project boundaries were classified based on Florida Land Use, Cover, and Forms Classification System (FLUCCS) Level III codes, as interpreted and mapped by the Southwest Florida Water Management District (SWFWMD, 1999) or observations made during field surveys performed by CH2M HILL ecologists in April 2008. The information is summarized below. Further information is provided in the *Ecological Report* by CH2M HILL, bound separately, including a Project Land Use Figure in Appendix C.

Land Cover	FLUCFCS Code	Existing Land Cover		Proposed Land Cover	
		Project Area (acres)	Percent of Total Project Area	Project Area (acres)	Percent of Total Project Area
Other Open Lands	190	2.03	31		
Transportation	810	1.27	19	6.47	98
Tree Plantations	440	3.17	48	-	-
Reservoir	530	0.14	2	-	-
Streams and Waterways (Transportation)	510	-	-	0.14	2

For rental operations, such as trailer or recreational vehicle parks and apartment complexes, indicate the number of wet slip units/spaces available for rent or lease and describe operational details (e.g., are spaces rented on a month-to-month basis or through annual leases).

N/A

For multi-family residential developments, such as condominiums, townhomes, or subdivisions, provide the number of living units/lots and indicate whether or not the common property (including the riparian upland property) is or will be under the control of a homeowners association.

N/A

For projects sponsored by a local government, indicate whether or not the facilities will be open to the general public. Provide a breakdown of any fees that will be assessed, and indicate whether or not such fees will generate revenue or will simply cover costs associated with maintaining the facilities.

The project will provide a concrete parking area that can be connected to the Cross Florida Barge Canal with a future separate permitting effort to be used as a barge slip/boat ramp. In addition, it will provide an access road for use by the general public. Fees, if any, will be determined by the primary land owner's managing agency, FDEP Office of Greenways and Trails.

C. Provide a detailed statement describing the existing and proposed activities located on or over the sovereign submerged lands at the project site. This statement must include a description of docks and piers, types of vessels (e.g., commercial fishing, liveaboards, cruise ships, tour boats), length and draft of vessels, sewage pumped facilities, fueling facilities, boat hoists, boat ramps, travel lifts, railways, and any other structure or activities existing or proposed to be located waterward of the mean/ordinary high water line.

The upland access road/bridge and barge slip/boat ramp are within ownership by the Trustees of the Internal Improvement Trust Fund and some areas are submerged. Based on the June 13, 2008 Pre-Application Meeting, the submerged lands will be considered to be Sovereign for the purposes of Rule 18-21 F.A.C.

If slips are existing and/or proposed, please indicate the number of powerboat slips and sailboat slips and the percentage of those slips available to the general public on a "first come, first served" basis. This statement must include a description of channels, borrow sites, bridges, groins, jetties, pipelines, or other utility crossings, and any other structures or activities existing or proposed to be located waterward of the mean/ordinary high water line. For shoreline stabilization activities, this statement must include a description of seawalls, bulkheads, riprap, filling activities, and any other structure or activities existing or proposed to be located along the shoreline.

The operation of the project area will be determined by the primary land owner's managing agency, FDEP Office of Greenways and Trails. Details of the grading activities, sheet pile walls, and the upland portion of the future barge slip/boat ramp platform are provided in the *Site and Structure Plans* by The Shaw Group, Inc., bound separately.

D. Provide the linear footage of shoreline at the mean/ordinary high water line owned by the application which borders sovereign submerged lands.

N/A

E. Provide a recent aerial photo of the area. A scale of 1"=200' is preferred. Photos are generally available at minimal cost from your local government property appraiser's office or from district Department of Transportation offices. Indicate on the photo the specific location of your property/project site.

Refer to the attached Project Aerial Map (Figure 4) for the recent project aerial.

PROPRIETARY PROJECT DESCRIPTIONS

Please check the most applicable activity which applies to your project(s):

Leases

- ☐ Commercial marinas (renting wet slips) including condos, etc., if 50% or more of their wet slips are available to the general public
- ☐ Public/Local governments
- ☐ Yacht Clubs/Country Clubs (when a membership is required)
- ☐ Condominiums (requires upland ownership)
- ☐ Commercial Uplands Activity (temporary docking and/or fishing pier associated with upland revenue generating activities, i.e., restaurants, hotels, motels) for use of the customer at not charge
- ☐ Miscellaneous Commercial Upland Enterprises where there is a charge associated with the use of overwater structure (Charter Boats, Tour Boats, Fishing Piers)
- ☐ Ship Building/Boat Repair Service Facilities
- ☐ Commercial Fishing Related (Offloading, Seafood Processing)
- ☐ Private Single-family Residential Docking Facilities; Townhome Docking Facilities; Subdivision Docking Facilities (upland lots privately owned)

Public Easements and Use Agreements

- ☒ Miscellaneous Public Easements and Use Agreements
- ☐ Bridge Right-of-way (DOT, local government)
- ☐ Breakwater of groin
- ☐ Subaqueous Utility Cable (TV, telephone, electrical)
- ☐ Subaqueous Outfall or Intake
- ☐ Subaqueous Utility Water/Sewer
- ☐ Overhead Utility w/Support Structure on Sovereign Submerged Lands
- ☐ Disposal Site for Dredged Material
- ☐ Pipeline (gas)
- ☐ Borrow Site

Private Easements

- ☐ Miscellaneous Private Easements
- ☐ Bridge Right-of-way
- ☐ Breakwater Groin
- ☐ Subaqueous Utility Cable (TV, telephone, electrical)
- ☐ Subaqueous Outfall or Intake
- ☐ Subaqueous Utility Water/Sewer
- ☐ Overhead Utility Crossing
- ☐ Disposal Site for Dredged Material
- ☐ Pipeline (gas)

Consents of Use

- ☐ Aerial Utility Crossing w/no support structures on sovereign submerged lands
- ☐ Private Dock
- ☐ Public Dock
- ☐ Multi-family Dock
- ☐ Fishing Pier (private or Multi-family)
- ☐ Private Boat Ramp
- ☐ Sea Wall
- ☐ Dredge
- ☐ Maintenance Dredge
- ☐ Navigation Aids/Markers
- ☐ Artificial Reef
- ☐ Riprap
- ☐ Public Boat Ramp
- ☐ Public Fishing Pier
- ☐ Repair/Replace Existing Public Fishing Pier
- ☐ Repair/Replace Existing Private Dock
- ☐ Repair/Replace Existing Public Dock
- ☐ Repair/Replace Existing Multi-family Dock
- ☐ Repair/Replace Existing Fishing Pier (Private or Multi-family)
- ☐ Repair/Replace Existing Private Boat Ramp
- ☐ Repair/Replace Existing Sea Wall, Revetments, or Bulkheads
- ☐ Repair/Replace/Modify structures/activities within an exiting lease, easement, management agreement or use agreement area or repair/replace existing grandfathered structures
- ☐ Repair/Replace Existing Public Boat Ramp

Miscellaneous

- ☐ Biscayne Bay Letters of Consistency/Inconsistency w/258.397, F.S.
- ☐ Management Agreements - Submerged Lands
- ☐ Reclamation
- ☐ Purchase of Filled, Formerly Submerged Lands
- ☐ Purchase of Reclaimed Lake Bottom
- ☐ Treasure Salvage
- ☐ Insect Control Structures/Swales
- ☐ Miscellaneous projects which do not fall within the activity codes listed above

UPLAND EASEMENT APPLICATION
BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND
OF THE STATE OF FLORIDA

This application is to be used in order to apply for easement interest in land, title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida (Board of Trustees). If you have any questions, after reading this application form, you may call (850) 245-2720 for assistance. Mail application to: Department of Environmental Protection, Division of State Lands, Bureau of Public Land Administration, 3800 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, MS 130.

SPECIAL NOTE TO ALL APPLICANTS: SUBMITTAL OF A COMPLETE APPLICATION SHALL NOT OPERATE TO CREATE ANY RIGHTS OR CONSTITUTE ANY GROUNDS FOR THE DEPARTMENT TO RECOMMEND APPROVAL OF ANY EASEMENT. THE BOARD OF TRUSTEES HAS THE AUTHORITY AND RESERVES THE RIGHT TO DENY ANY EASEMENT APPLICATION. ALL COSTS INCURRED BY APPLICANTS COMPLYING WITH THE REQUIREMENTS OF THIS APPLICATION SHALL BE AT THEIR OWN RISK. COSTS ASSOCIATED WITH OBTAINING AN EASEMENT ARE NON-REFUNDABLE AND SHALL BE ASSUMED BY THE APPLICANT INCLUDING, BUT NOT LIMITED TO, ALL APPRAISALS, ALL SURVEYS, ALL TITLE SEARCHES, AND ALL RECORDING FEES.

PRIOR TO COMPLETING THE APPLICATION, PLEASE BE ADVISED THAT:

Any application to use state land which would result in significant adverse impact to state land or associated resources shall not be approved unless the applicant demonstrates there is no other alternative and proposes compensation or mitigation acceptable to the Board of Trustees pursuant to paragraph 18-2.018(2)(i), Florida Administrative Code. Any requested use of state land which has been acquired for a specific purpose, such as conservation and recreation lands, shall be consistent with the original specified purpose for acquiring such land pursuant to paragraph 18-2.018(2)(c), Florida Administrative Code. Applicants applying for an easement across state land which is managed for the conservation and protection of natural resources shall be required to provide net positive benefit pursuant to subsection 18-2.017(39), Florida Administrative Code, if the proposed easement is approved.

Type of Easement: ☐ Private ☐ Federal, Regional or Local Agency ☐ State Agency	
Applicant Information:	
Name: <u>John J. (Jamie) Hunter</u>	Home Phone: <u>N/A</u>
Mailing Address: <u>P.O. Box 14042 PEF-903</u>	Work Phone: <u>727-820-5764</u>
City: <u>St. Petersburg</u> State: <u>FL</u> Zip: <u>32733</u>	Fax Number: _____
Email Address: <u>John.Hunter@PGNMail.com</u>	
Representative Information: Only complete if someone will be handling this transaction on your behalf.	
Name: <u>N/A</u>	Home Phone: _____
Mailing Address: _____	Work Phone: _____
City: _____ State: _____ Zip: _____	Fax Number: _____
Email Address: _____	
Property Information:	
County: <u>Levy</u>	Property Appraiser's Parcel Number: <u>06-17-17-03970-001-00</u>
Section: <u>6</u> Township: <u>17</u> Range: <u>17</u>	Zoning Designation: _____
Intended Use of Property: <u>Access to cross Florida Barge Canal</u>	
Include the Following with the Application: Please check all that are included	
☐ (Private Easements Only) A check in the amount of \$300 made payable to the Department of Environmental Protection. This fee is non-refundable. (Pending)	
☐ (Private Easements Only) A written commitment to pay an easement fee based on the appraised market value of the proposed easement. (Pending)	
☐ N/A (Local Governments Only) A formal resolution adopted by the Board of County/City Commissioners requesting the proposed easement.	
☒ Recent aerial photograph with the boundaries of proposed easement area identified. See Figure 4.	
☒ A statement describing the public benefits that will occur as a result of the proposed easement. Refer to Exhibit A.	
☐ A letter from the applicable local planning agency stating that the proposed easement is consistent with the local government Comprehensive plan adopted pursuant to section 163-3167, Florida Statutes. (Pending)	
☒ A county tax map identifying the parcel proposed for easement. Web site printout provided. Refer to Exhibit C.	
☐ Two prints of a certified survey of the easement area meeting the minimum technical standards of Chapter 61G17-6 Florida Administrative Code, which contain the boundaries, legal descriptions, and acreage of the property. (Pending)	
☐ A statement of written approval from the managing agency along with a statement from the managing agency describing how the proposed easement conforms to the management plan when the easement application involves state land which is under lease, sublease, easement, or management agreement. (Pending)	
☒ Applications for easements across state land shall include a statement of intended use which shall include, at a minimum, the following: See Exhibit A.	
1. The requested term for the proposed easement which shall not be greater than is necessary to provide for the reasonable use of the state land.	
2. The need for the proposed easement and written evidence that all other alternatives to the use of state land have been denied.	
3. Projected revenue to be generated from the use of the state land.	
4. Whether the intended use is public or private and the extent of public access for such use.	
5. A description of the type of facility proposed for the easement area (e.g. road, overhead utility, pipes, etc.)	
***General Information: The granting or approval of an easement that will negatively affect the Board of Trustees' ability to manage uplands in a manner that achieves maximum public benefit will be discouraged pursuant to paragraph 18-2.018(2) (b), Florida Administrative Code. The successful grantee shall assume all liability for the property covered by the easement.	

EXHIBIT A

Project Statement

Progress Energy Florida (PEF), after consultation and the Florida Department of Environmental Protection Division of State Lands and Office of Greenways and Trails (OGT), is proposing a bridged vehicular accessway and the upland construction of a future barge slip/boat ramp in the area of the Inglis Lock Bypass Channel to be known as the Cross Florida Greenway Recreational Improvement Area. These improvements will serve to provide access to the state owned lands. A future permitting effort will be required to excavate and to dredge the area between this proposed upland construction and the Cross Florida Barge Canal in order to use this facility as a barge slip/boat ramp.

PEF and OGT have worked closely to develop this project and will continue to collaborate through the project's implementation. The lands on which the improvements will be made are currently -- and will continue to be -- owned by the State of Florida and managed by OGT. PEF will undertake construction of all of the proposed activities and will be responsible for the operation and maintenance of the upland barge slip/boat ramp and bridged vehicular accessway.

The upland portion of the barge slip/boat ramp will be located adjacent to the Cross Florida Barge Canal that links Lake Rousseau to the Gulf of Mexico. The upland portion of the barge slip/boat ramp to be constructed will be available for use by members of the public as a fishing pier and parking area. The upland portion of the barge slip/boat ramp is proposed to be located on state-owned uplands (to be excavated); therefore, will require an easement over state-owned uplands.

The bridged vehicular accessway, which will be used both by the general public and for the proposed industrial development, will provide access over the Inglis Lock Bypass Channel to the state owned land. Current access to the strip of land between the channel and canal is limited, and the bridged vehicular accessway will enhance public access to this area. The bridged vehicular accessway will be located on or over both state-owned submerged lands and state-owned uplands and so will require both a submerged lands lease and an easement over state-owned uplands.

In a meeting with Deputy Secretary Bob Ballard and Carla Gaskin (on behalf of Deputy Secretary Mimi Drew) held on April 18, 2008, it was agreed that this application would be the appropriate vehicle for PEF to request the above-described uses of state-owned uplands as well as state-owned submerged lands. Also, in a meeting at the Jacksonville FDEP office, it was determined that the submerged lands would be considered to be sovereign for the purposes of Rule 18-21 F.A.C.

The Cross Florida Barge Canal is a navigable water; however, no activities are proposed below mean high water at this time. The Inglis Lock Bypass Channel is not navigable in this location as there are barriers to navigation west and east of the proposed bridge. To the west there is a weir structure and to the east there is a causeway crossing with culverts in the channel. Refer to photographs provided in Exhibit B.

EXHIBIT B
Photographs of the Inglis Lock Bypass Channel



Photograph 1 (above) - View northeast from the Inglis Lock Bypass Channel crossing east of the project providing a view of the location of the proposed access road and bridge.

Photograph 2 (below) - View of existing eastern crossing, which has culverts to provide a barrier to navigation.



EXHIBIT B
Photographs of the Inglis Lock Bypass Channel



Photograph 3 (above) – Weir west of project in the Inglis Lock Bypass Channel, which provides a barrier to navigation.

Photograph 4 (below) – No boating sign posted along Inglis Lock Bypass Channel.



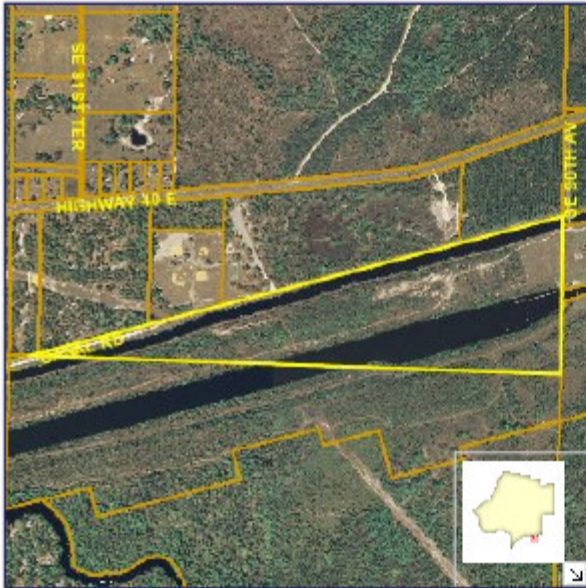
EXHIBIT C

Parcel Map from Levy County Property Appraiser's Website

Levy County Property Appraiser :: Internet Mapping

Page 1 of 1

Levy County Property Appraiser Internet Mapping



DISCLAIMER: All maps are worksheets used for illustrative purposes only. They are not surveys. The information is provided "as is."

Parcel Info

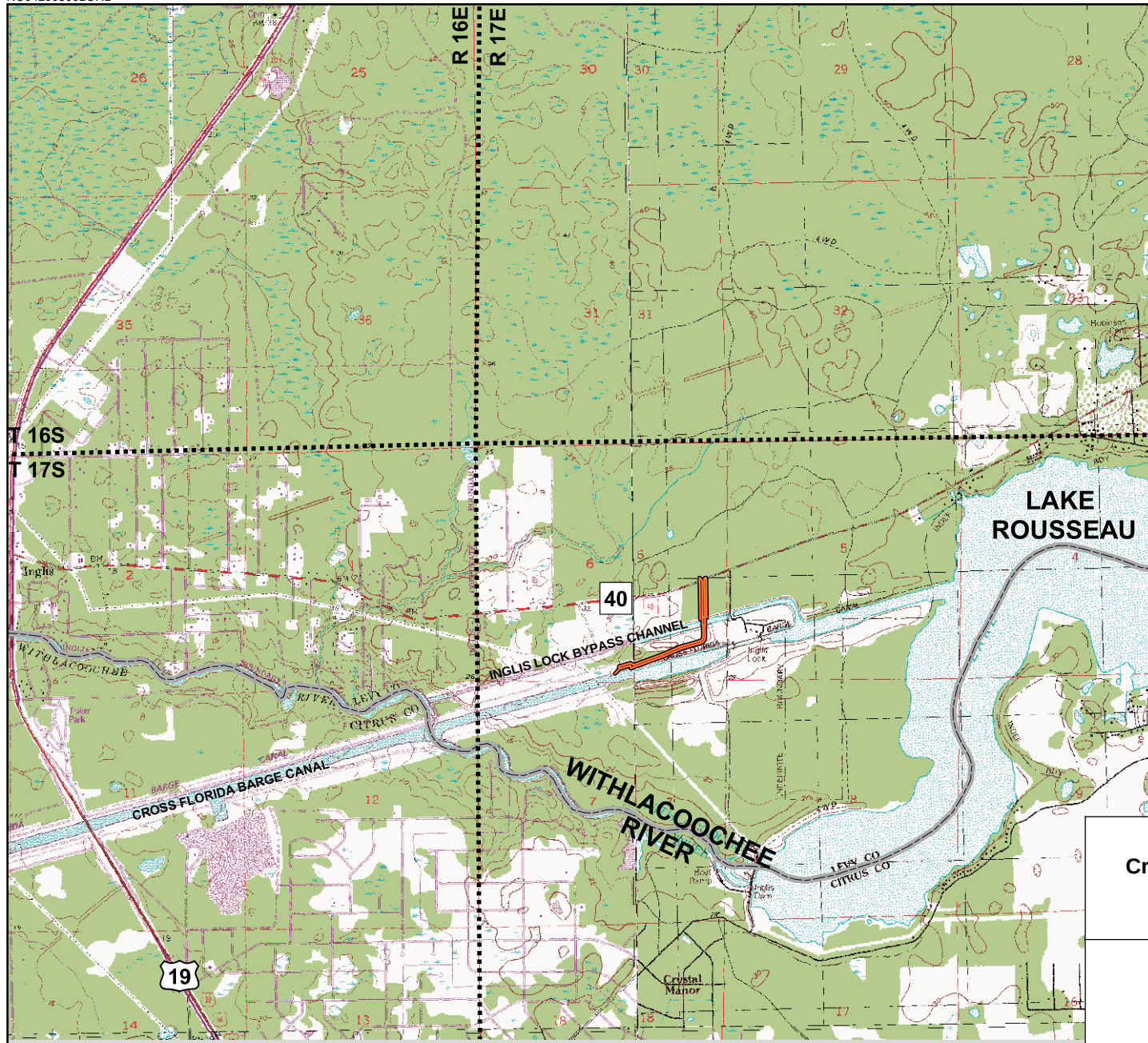
[\[View Entire Parcel Record \]](#) [\[Re-center Map \]](#)

Parcel ID:	03970-001-00
Owner 1:	TIITF/DEPT REC & PARKS
Owner 2:	LAKE ROUSSEAU ST PARK
Legal Desc:	LEG 0096.00 ACRES TRACTS IN S1/2 OF SW1/4 DB 91 PAGE 261 & DB 91 PAGE 262 & TRACTS IN S1/2 OF SE1/4 OR BOOK 502 PAGE 561
Property (DOR) Use Code:	8200 (FOREST/PK/REC)
Acreage:	96 Acres

Value Summary

Value Name	Price
Building Value	\$0
Extra Feature Value	\$0
Land Value (Market)	\$5,792
Just Market Value	\$5,792
Assessed Value	\$5,792
Exempt Value	(\$5,792)
Taxable Value	\$0

© 2008 Levy County Property Appraiser
Powered by [CamaWEB](#)

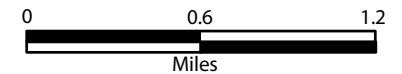
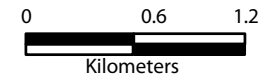


LEGEND

- Project Site
- 40 County Road
- 19 US Highway
- Lake and Pond
- Swamp and Marsh
- County Boundary

Sources

United States Geological Survey
 Quadrangle Maps for:
 Yankeetown, FL (1955-Revised 1993)
 Yankeetown S.E, FL (1991)

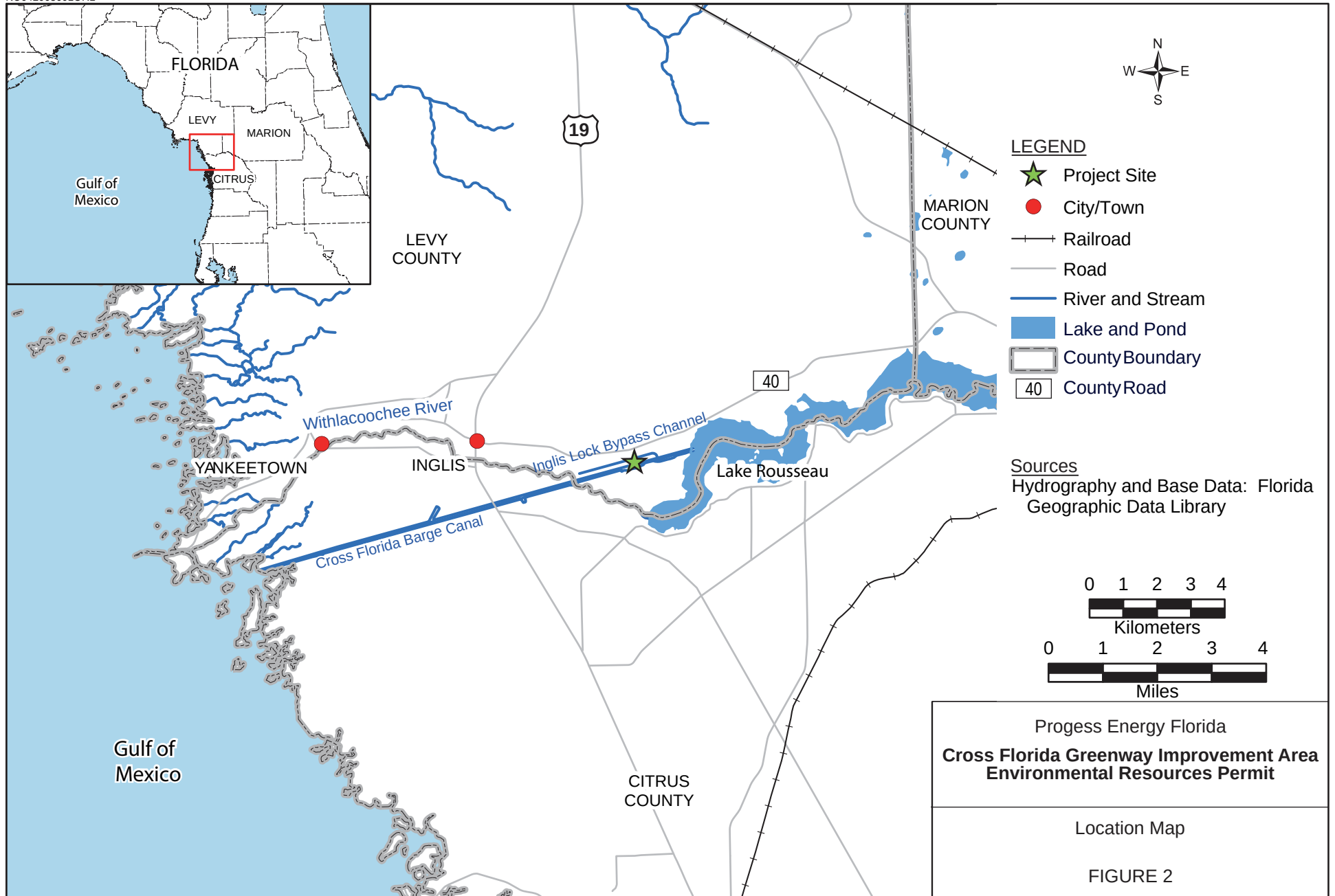


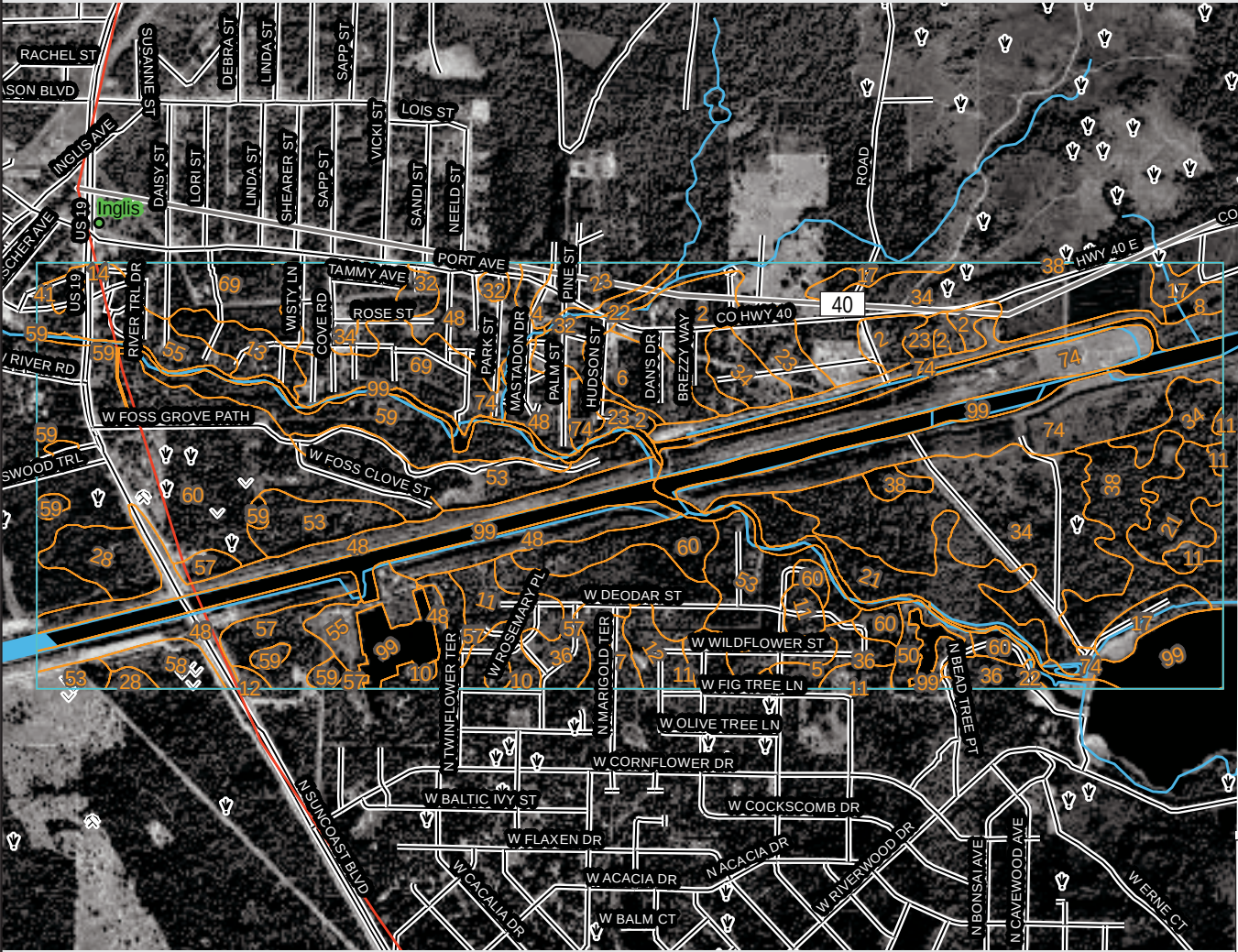
Progress Energy Florida
**Cross Florida Greenway Recreational
 Improvement Area
 Environmental Resource Permit**

USGS Quadrangle Map

FIGURE 1

NU042008001ORL





Sources
NRCS Web Soil Survey:
Citrus County, FL
Levy County, FL



LEGEND

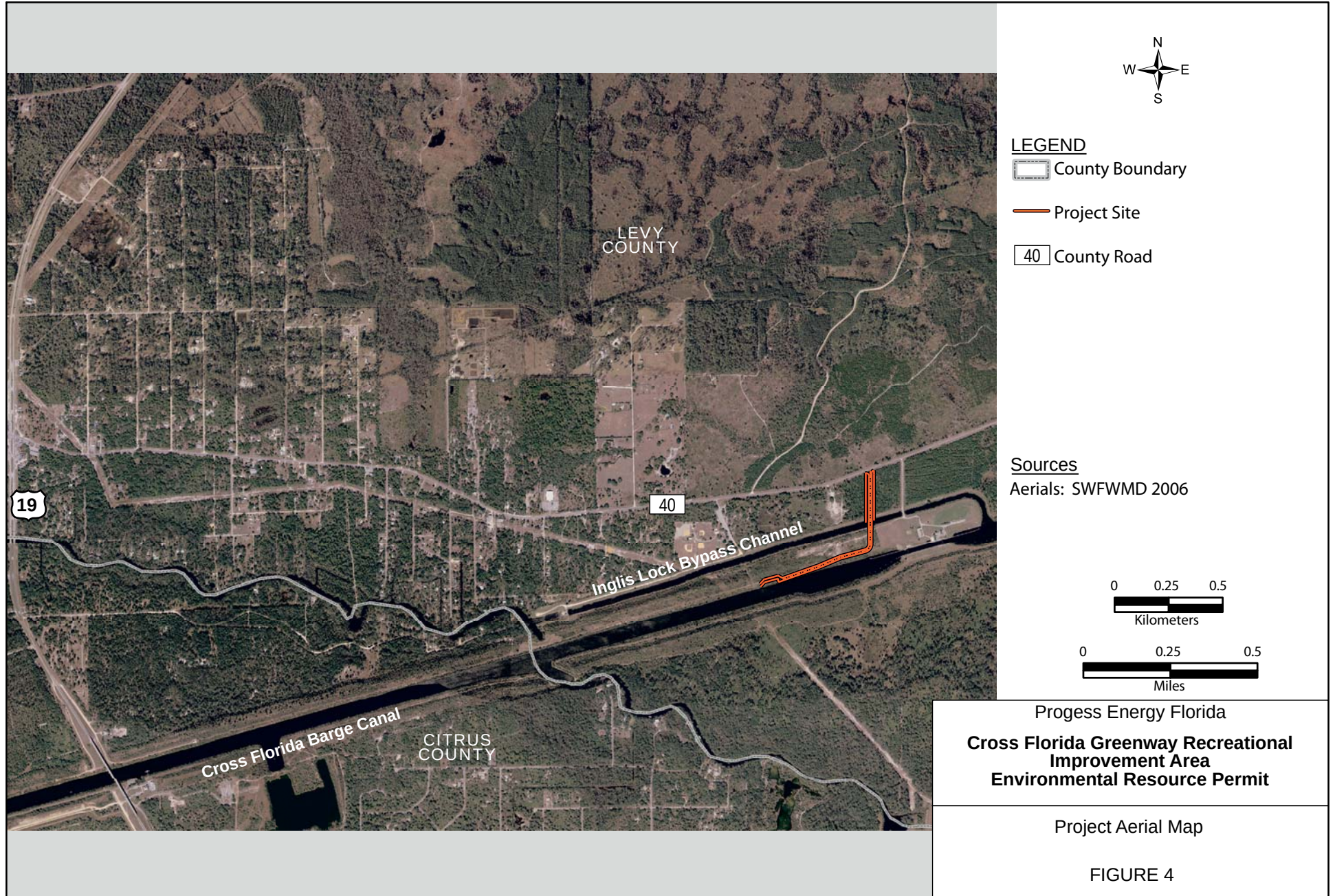
40 County Road		
Citrus County, FL		
Symbol	Unit Name	Rating
5	Basinger fine sand	B/D
7	Myakka fine sand	B/D
10	Pompano fine sand, depressional	D
11	Tavares fine sand, 0 to 5 percent slopes	A
12	Immokalee fine sand	B/D
22	Quartzipsaments, 0 to 5 percent slopes	A
28	Redlevel fine sand	C
36	EauGallie fine sand	B/D
48	Arents, 45 to 65 percent slopes	A
50	Kanapaha fine sand, 0 to 5 percent slopes	B/D
53	Boca fine sand	B/D
55	Udorthents, 0 to 5 percent slopes	C
57	Ona fine sand	B/D
58	Myakka, limestone substratum- EauGallie, limestone substratum complex	B/D
59	Boca fine sand	D
60	Broward fine sand	C
99	Water	
Levy County, FL		
Symbol	Unit Name	Rating
2	Tavares fine sand, 1 to 5 percent slopes	A
4	Millhopper fine sand, 1 to 5 percent slopes	A
6	Candler fine sand, 1 to 5 percent slopes	A
8	Smyrna fine sand	B/D
11	Placid and Samsula soils, depressional	D
13	Wekiva fine sand	D
14	Shadeville-Otela complex, 1 to 5 percent slopes	B
17	Adamsville fine sand, 0 to 5 percent slopes	C
21	Pompano fine sand	B/D
22	Holopaw fine sand	B/D
23	Zolfo sand	C
32	Otela-Tavares complex, 1 to 5 percent slopes	A
34	Cassia-Pomello complex	C
38	Myakka sand	B/D
41	Demory muck, occasionally flooded	D
48	Lutterloh-Moriah complex, 0 to 5 percent slopes	C
50	Hicoria fine sandy loam, depressional	D
55	Pedro-Jonesville-Shadeville complex, 0 to 5 percent slopes	C
68	Myakka, limestone substratum-Immokalee complex	B/D
69	Broward-Lutterloh, limestone substratum, complex	C
74	Arents, 0 to 5 percent slopes	B
99	Water	

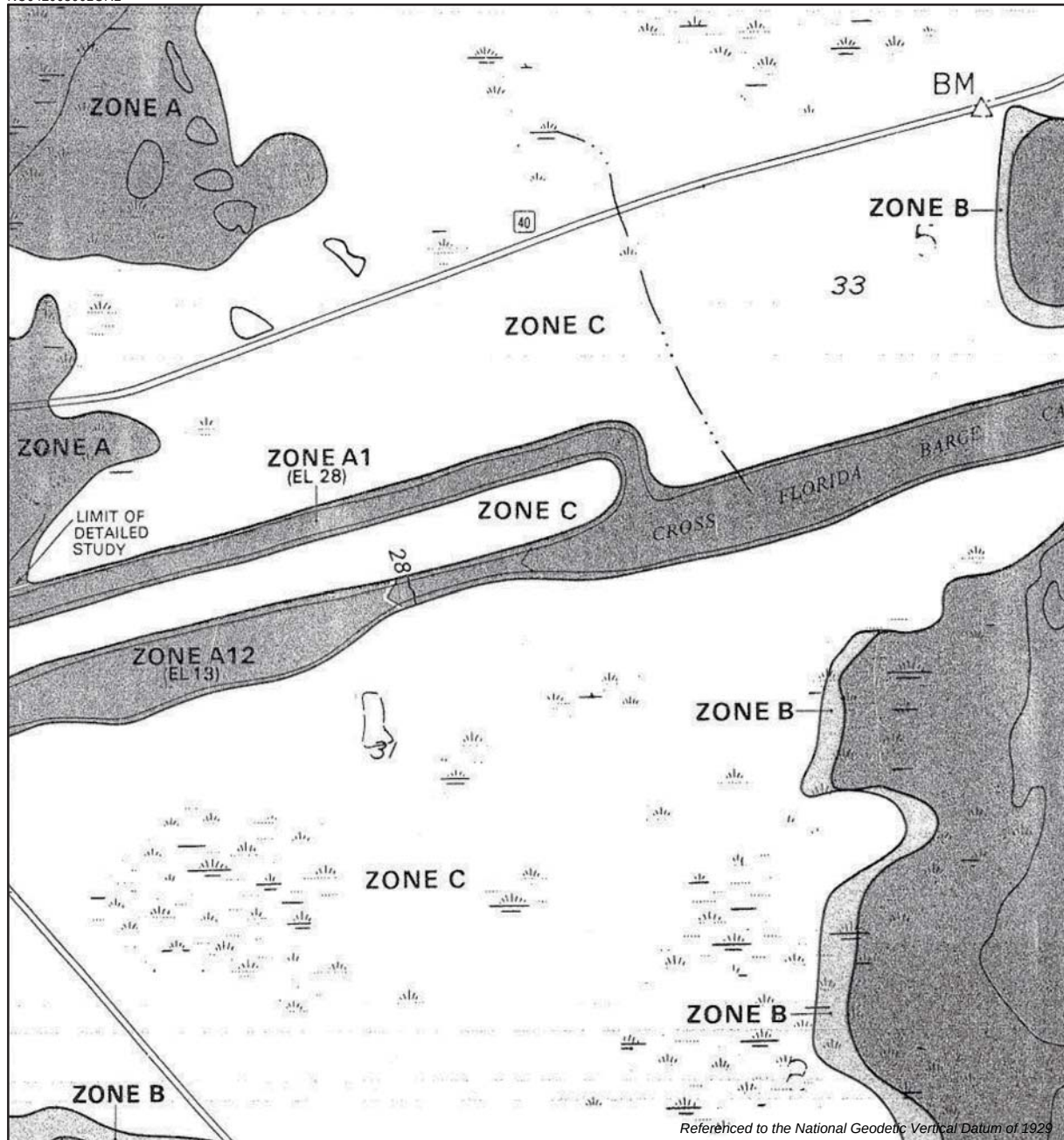


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Cross Florida Greenway Recreational
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Soils Map

FIGURE 3





LEGEND

40 County Road

RMX Elevation Reference Mark

Zone	Explanation
A	Areas of 100-year flood; base flood elevations and flood hazard factors not determined.
A1 - A30	Areas of 100-year flood; base flood elevations and flood hazard factors determined.
B	Areas between limits of the 100-year flood and 500-year flood; or certain areas subject to the 100-year flooding with average depths less than one (1) foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood.
C	Areas of minimum flooding.

Sources

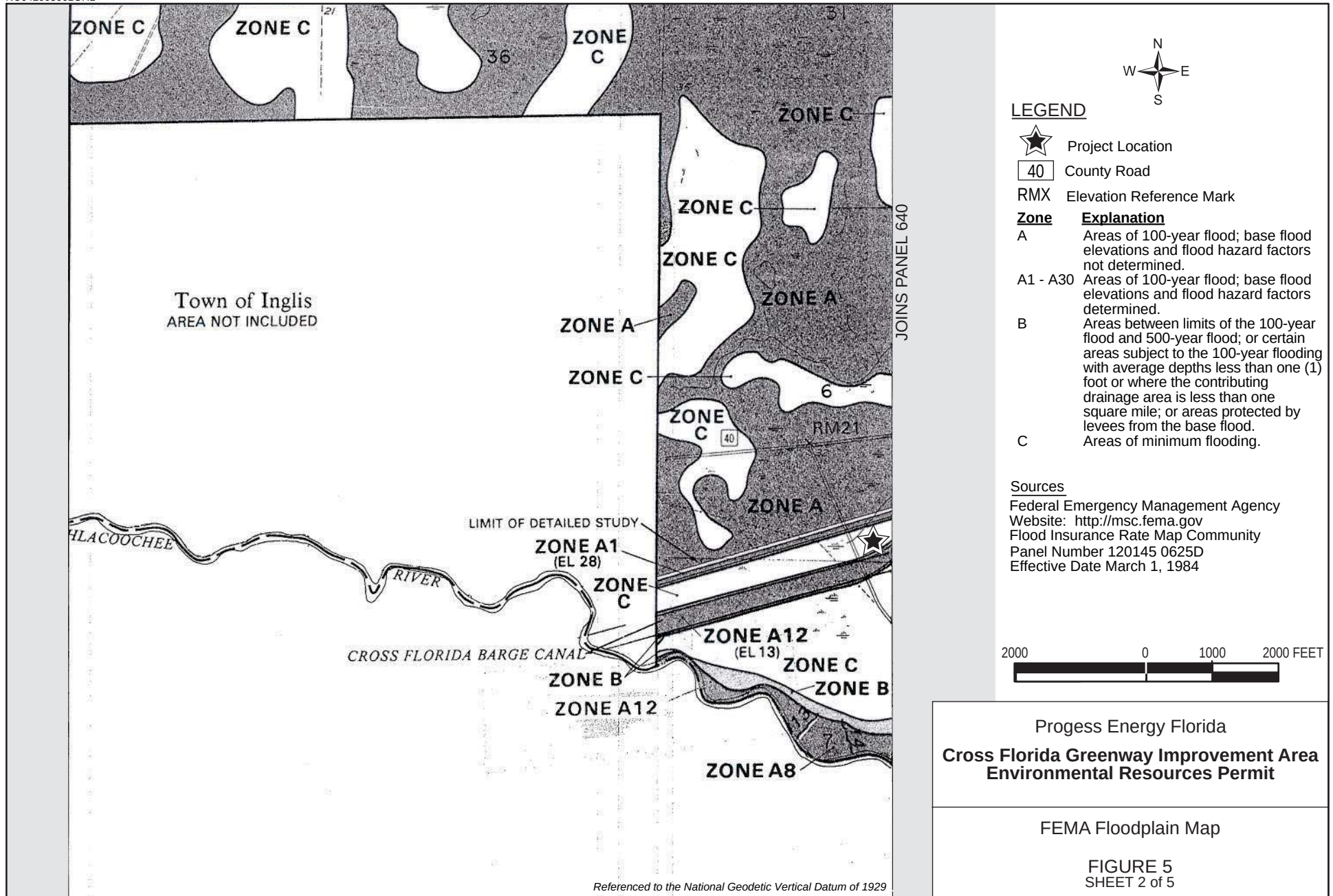
Federal Emergency Management Agency
Website: <http://msc.fema.gov>
Flood Insurance Rate Map Community
Panel Number 120145 0640 D
Effective Date March 1, 1984

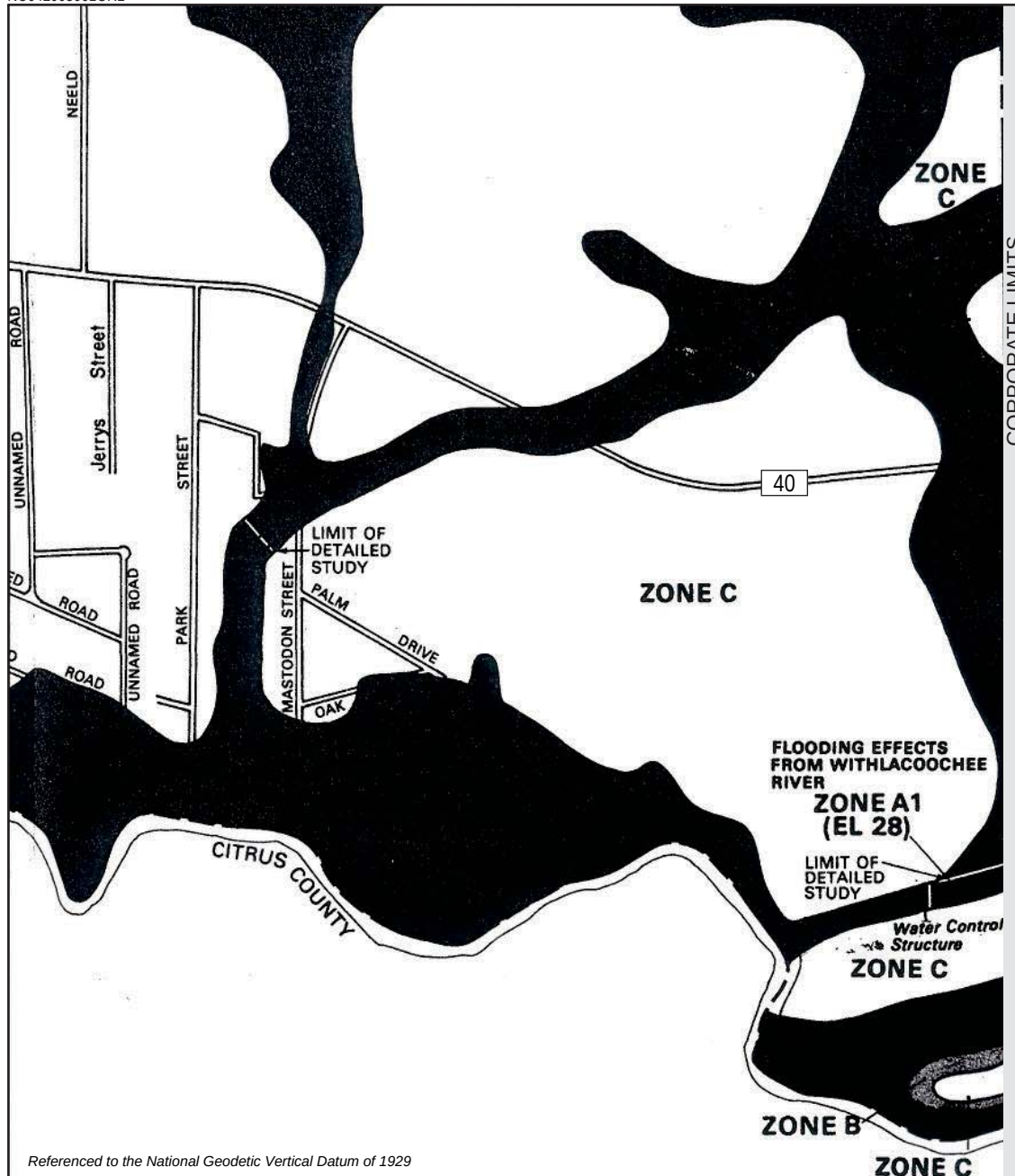
1000 0 500 1000 FEET

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FEMA Floodplain Map

FIGURE 5
SHEET 1 of 5





CORPORATE LIMITS



LEGEND

40 County Road

RMX Elevation Reference Mark

Zone Explanation

- A Areas of 100-year flood; base flood elevations and flood hazard factors not determined.
- A1 - A30 Areas of 100-year flood; base flood elevations and flood hazard factors determined.
- B Areas between limits of the 100-year flood and 500-year flood; or certain areas subject to the 100-year flooding with average depths less than one (1) foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood.
- C Areas of minimum flooding.

Sources

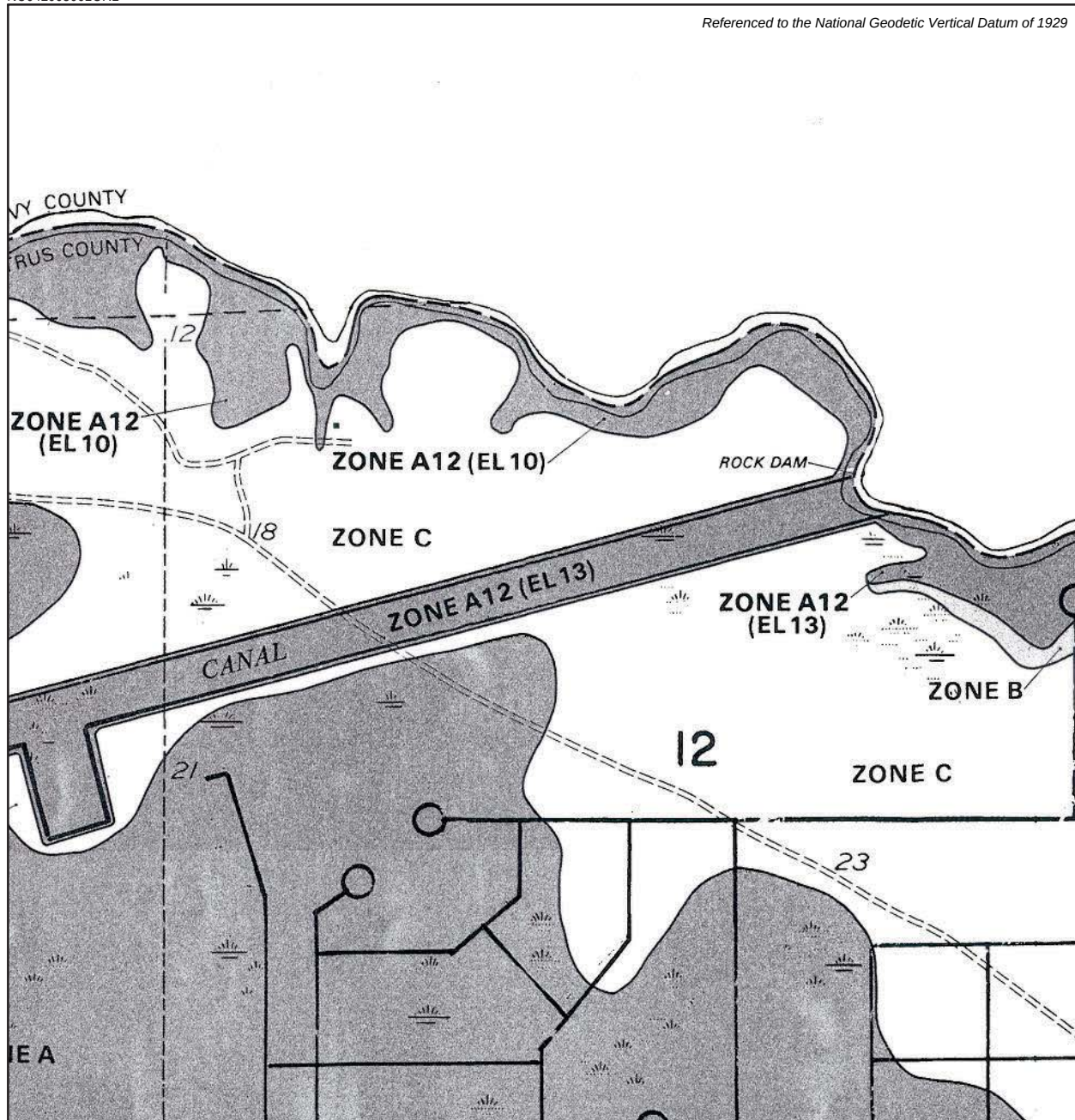
Federal Emergency Management Agency
 Website: <http://msc.fema.gov>
 Flood Insurance Rate Map Community
 Panel Number 120586 0005 B
 Effective Date March 1, 1984



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FEMA Floodplain Map

FIGURE 5
 SHEET 3 of 5

**LEGEND**

County Road

RMX Elevation Reference Mark

Zone Explanation

- A** Areas of 100-year flood; base flood elevations and flood hazard factors not determined.
- A1 - A30** Areas of 100-year flood; base flood elevations and flood hazard factors determined.
- B** Areas between limits of the 100-year flood and 500-year flood; or certain areas subject to the 100-year flooding with average depths less than one (1) foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood.
- C** Areas of minimum flooding.

Sources

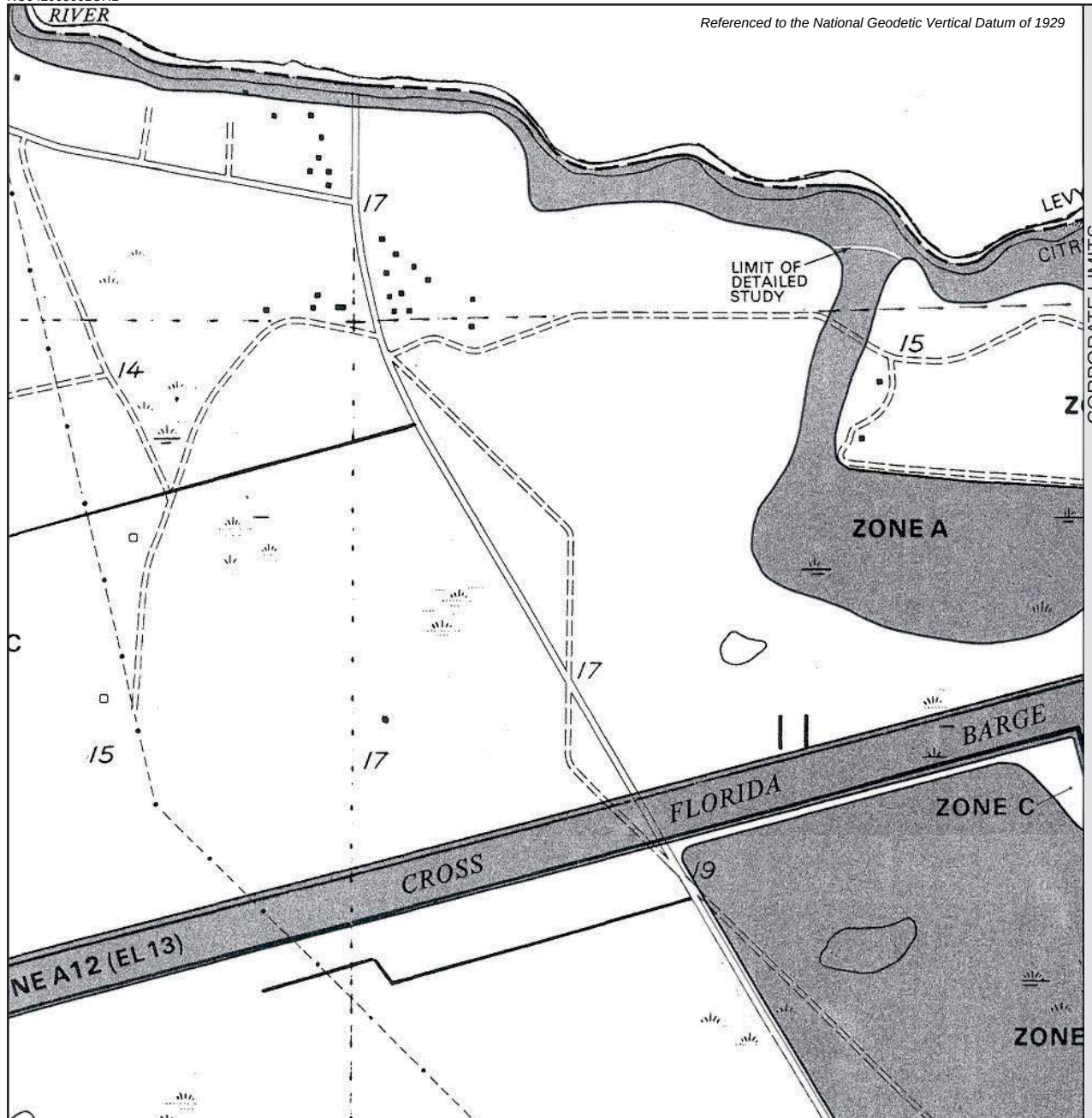
Federal Emergency Management Agency
 Website: <http://msc.fema.gov>
 Flood Insurance Rate Map Community
 Panel Number 120063 0020 B
 Effective Date August 15, 1984



Progress Energy Florida
**Cross Florida Greenway Improvement Area
 Environmental Resources Permit**

FEMA Floodplain Map

FIGURE 5
 SHEET 4 of 5



LEGEND

40 County Road

RMX Elevation Reference Mark

Zone	Explanation
A	Areas of 100-year flood; base flood elevations and flood hazard factors not determined.
A1 - A30	Areas of 100-year flood; base flood elevations and flood hazard factors determined.
B	Areas between limits of the 100-year flood and 500-year flood; or certain areas subject to the 100-year flooding with average depths less than one (1) foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood.
C	Areas of minimum flooding.

Sources

Federal Emergency Management Agency
 Website: <http://msc.fema.gov>
 Flood Insurance Rate Map Community
 Panel Number 120063 0020 B
 Effective Date August 15, 1984



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FEMA Floodplain Map

FIGURE 5
 SHEET 5 of 5

