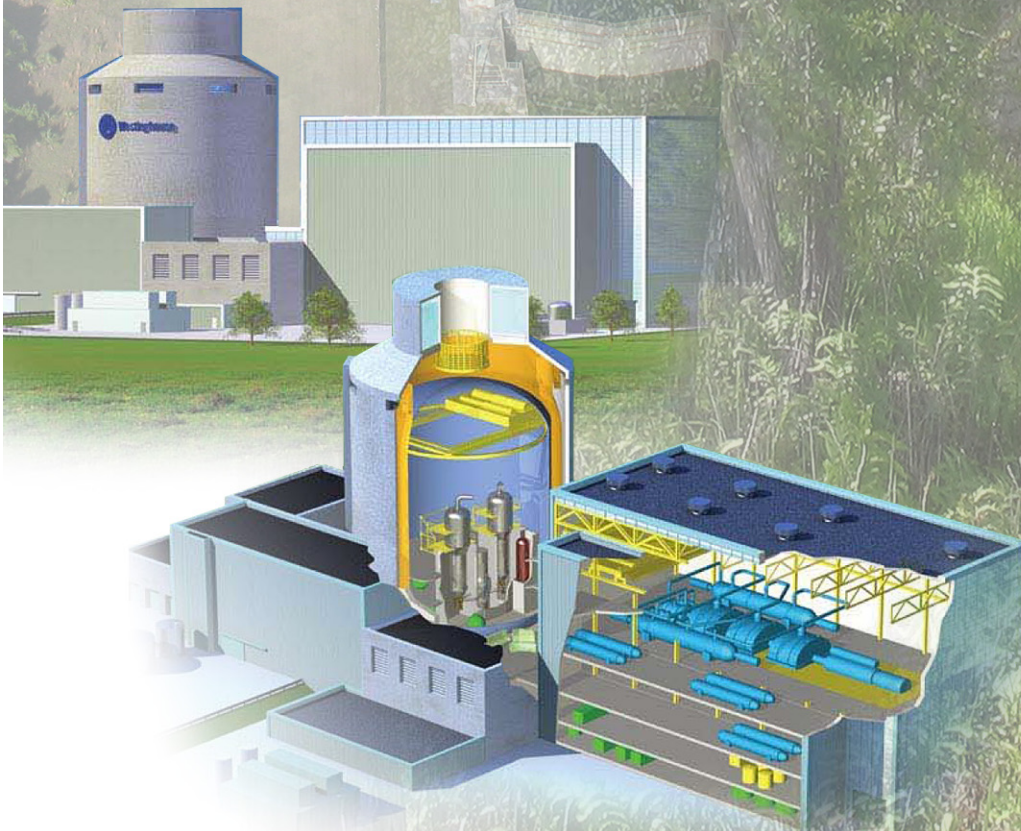




Progress Energy

Levy Nuclear Plant Units 1 & 2 Responses to RAI Comments on Cross Florida Barge Canal Recreational Access Permit

FDEP File Number
38-272432-002-ES



September 2008



September 18, 2008

Mr. Aaron Sarchet
Environmental Specialist
Florida Department of Environmental Protection
Northeast District Office
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256-7590

Dear Mr. Sarchet:

RE: Progress Energy Florida – Levy Nuclear Project Units 1 and 2
Cross Florida Greenway Recreational Improvement Area Project
DEP File No.: 38-272432-002-ES

Please find enclosed one original and two additional copies of Progress Energy Florida's responses to the Request for Additional Information related to progress Energy's application for an ERP permit to construct a bridged vehicular accessway.

The original copy of this document contains the check in the amount of \$540.00 referenced in the responses, as well as the other required original signed/sealed/notarized documents.

If you have any questions regarding this submittal please contact me at (727) 820-5764 or at John.Hunter@PGNmail.com.

Sincerely,

A handwritten signature in blue ink, appearing to read 'J. Hunter', written over the word 'Sincerely,'.

Jamie Hunter
Lead Environmental Specialist
Progress Energy Florida

Enclosure

C: Mike Halpin, FDEP Siting Office (w/enc.)

COMMENT NUMBER: 1

RAI NUMBER: LNP ERP RAI-001

REQUESTING AGENCY: FDEP, Northeast District Office

COMMENT:

The proposed project will require a public easement to cross state-owned submerged lands. Please submit the attached Public Easement package with all of the required information.

RESPONSE:

The required Sovereign Submerged Land Public Easement Application Package is attached. A summary of the components of the application include:

1. A check for \$540 made out to the Department of Environmental Protection is attached.
2. As a public utility, the applicant is not required to provide satisfactory evidence of sufficient upland interest as a completeness item pursuant to Rule 18-21.004(3)(b), Florida Administrative Code (F.A.C.)
3. A scaled and fully dimensioned drawing showing the proposed bridge over the Inglis Lock Bypass Channel was included in the original application. Drawing LNG-X001-C2-001 and Drawing LNG-X001-C2-003 follow this response and show the proposed bridge in plan view and cross-sectional view, respectively.
4. A fully executed Certification of Authorized Entity is attached to this response.
5. A detailed statement describing the existing and proposed activities located on or over the sovereign submerged lands at the site was included in the original application as Exhibit A. A copy of that statement is attached.
6. A copy of the Application checklist is attached.
7. The survey for the proposed easement over the Inglis Lock Bypass Channel is attached.
8. A letter from Levy County indicating that the proposed activity is consistent with the local government comprehensive plan will be forwarded when received.
9. Negotiations with the Office of Greenways and Trails are ongoing regarding the consent for the proposed activities.

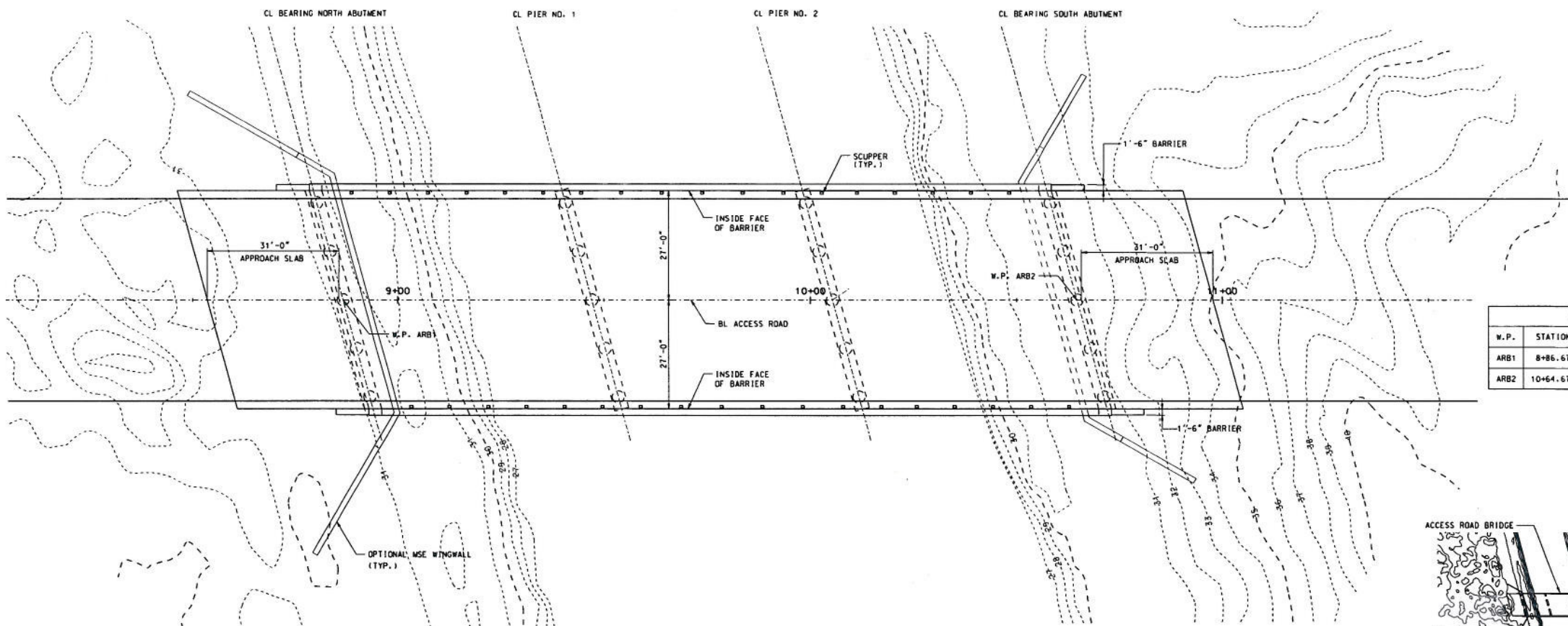
ATTACHMENTS:

The attachments for Comment 1 are included in the following order:

1. Drawing LNG-X001-C2-001, Access Road Bypass Channel Bridge Plan and Elevation
2. Drawing LNG-X001-C2-003, Access Road Bypass Channel Bridge Typical Cross Section
3. Certification of Authorized Entity
4. Exhibit A – Project Statement
5. Application checklist
6. Progress Energy Inglis Lock Bypass Channel Submerged Parcel Boundary Survey

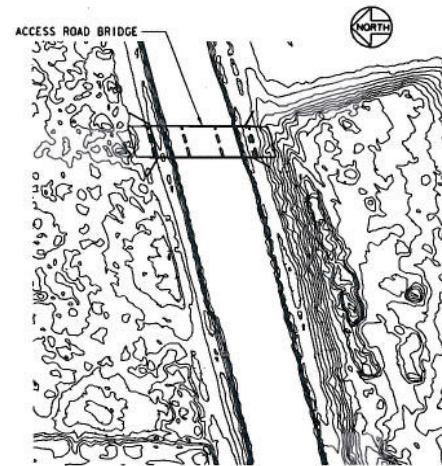


NOTES:
1. REFER TO DRAWING LNG-X001-C9-001 FOR GENERAL NOTES.

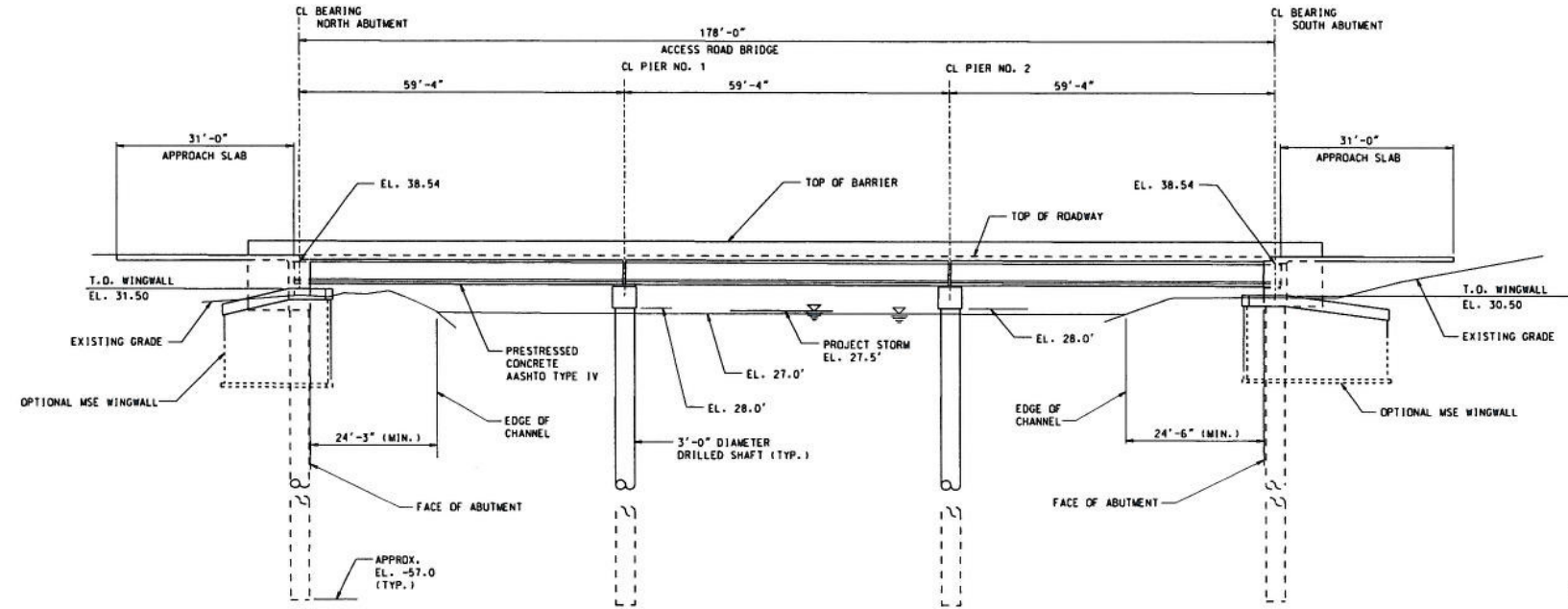


WORK POINT COORDINATES			
W.P.	STATION	NORTHING	EASTING
ARB1	8+86.676	6194.89	18108.00
ARB2	10+64.676	6016.89	18108.00

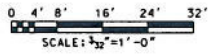
BRIDGE PLAN
SCALE: 1/32" = 1'-0"



KEY PLAN
SCALE: NONE



BRIDGE WEST ELEVATION
SCALE: 1/32" = 1'-0"



FOR PERMITTING

PE STAMP
SHAW NUCLEAR
STONE & WEBSTER INC.
100 TECHNOLOGY CENTER DRIVE
STOUGHTON, MA 02072-4705
CDA #8945

WEC SAFETY CLASSIFICATION:
CONFIDENTIAL

PROGRESS ENERGY
FLORIDA, INC.

CROSS FLORIDA GREENWAY
RECREATIONAL IMPROVEMENT AREA

ACCESS ROAD BYPASS CHANNEL BRIDGE
PLAN AND ELEVATION

DESIGNED BY: DEB
CHECKED BY: JVS
DATE: 5/19/88
NAME: AS SHOWN

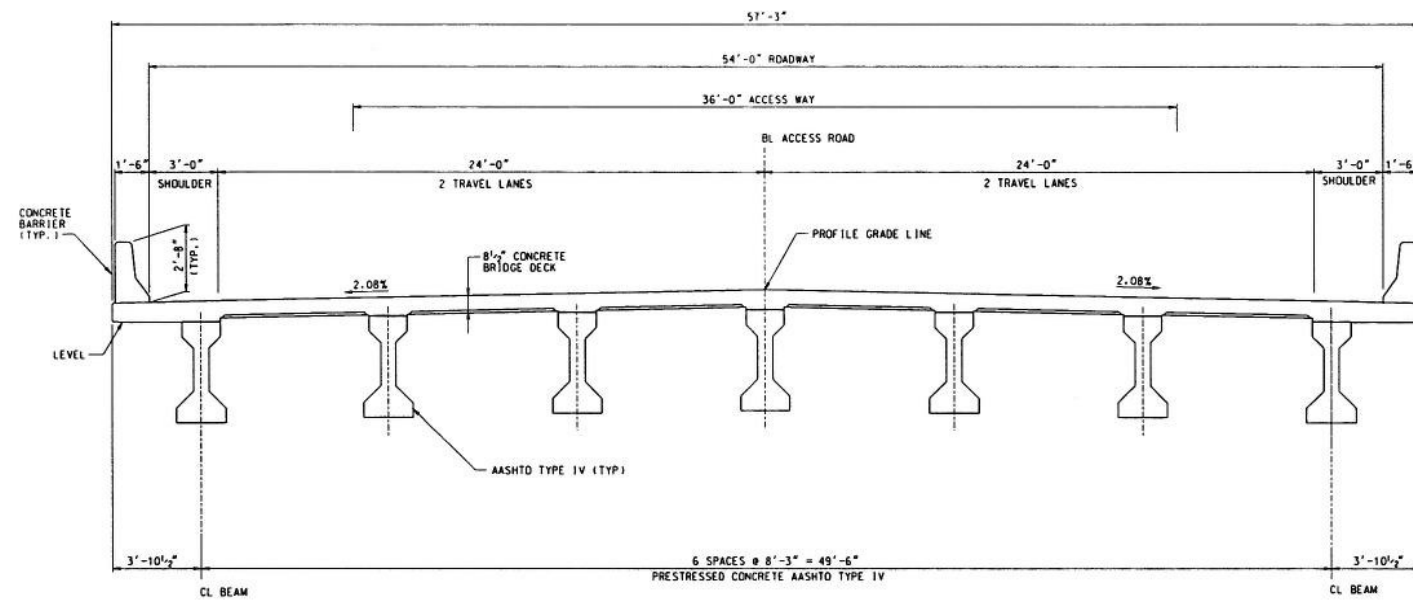


REVISION	DESCRIPTION	TITLE	APPV	DATE
1				

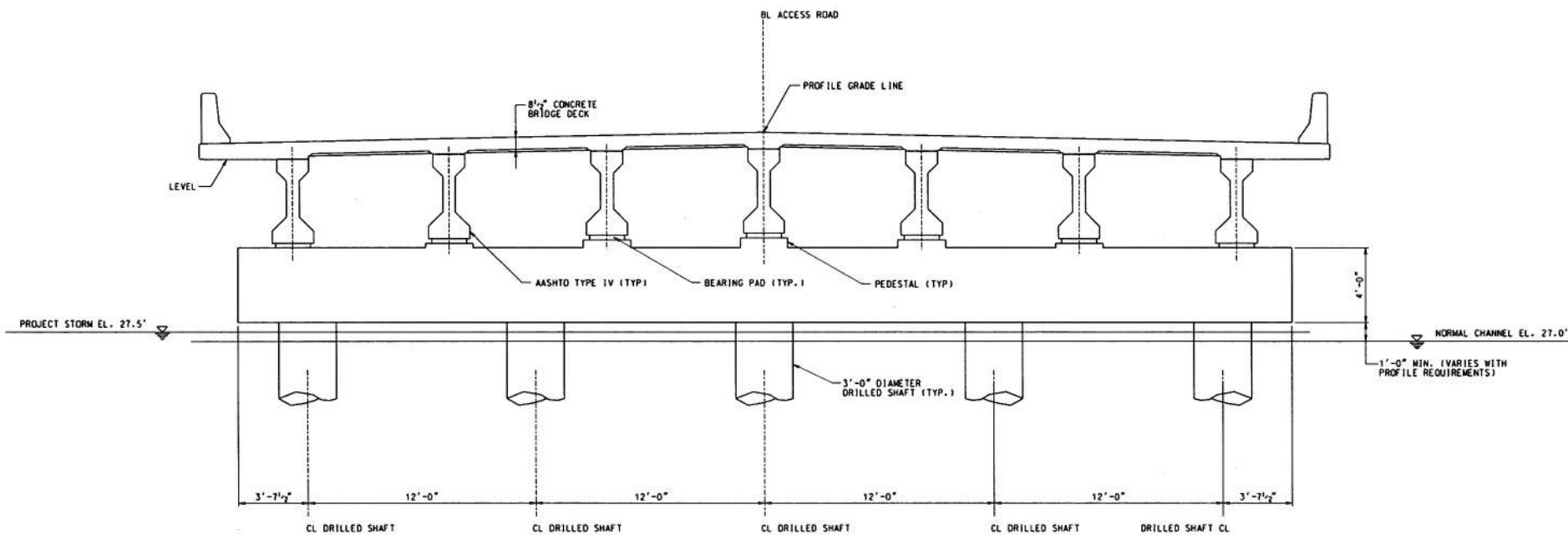
SHAW NUCLEAR
LNG-X001-C2-001

THIS DRAWING CREATED ELECTRONICALLY
LNG-X001-C2-001.PLDON 5/19/88

FILE: I:\Progress-Levy\Working\ISSUED\2008-04-28_Re-issued for Permit\drawing\BRIDGE-C2-003.dgn
DATE: 30-Apr-08 15:24



TYPICAL CROSS SECTION
SCALE: 1/4" = 1'-0"



TYPICAL SECTION @ PIER
SCALE: 1/4" = 1'-0"

FOR PERMIT ONLY



REVISION DESCRIPTION		TITLE	APP	DATE
ISSUED FOR PERMIT		IC		
		IN		
		LE		
		HC		
DESIGNED BY		IC		
CHECKED BY		IN		
DATE		LE		
DATE		HC		

WEC SAFETY CLASSIFICATION:	
CONFIDENTIAL	
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF SHAW & NUCLEAR, INC. AND IS TO BE KEPT SECRET. IT IS TO BE KEPT SECRET AND NOT BE DISCLOSED TO ANY OTHER PERSON OR ENTITY WITHOUT THE WRITTEN CONSENT OF SHAW & NUCLEAR, INC.	
PROGRESS ENERGY FLORIDA, INC.	CROSS FLORIDA GREENWAY RECREATIONAL IMPROVEMENT AREA
ACCESS ROAD BYPASS CHANNEL BRIDGE TYPICAL CROSS SECTION	
DESIGNED BY:	CHECKED BY:
DATE:	DATE:
Shaw Nuclear	
LNG-X001-C2-003	

THIS DRAWING CREATED ELECTRONICALLY

CERTIFICATION

Complete this certification if Lessee/Grantee (Upland Owner) is a **CORPORATION, JOINT VENTURE, TRUST, ESTATE, ASSOCIATION, CLUB**, or combination.

I hereby certify under penalty of perjury that the information contained herein is true and correct and that I, Daniel LEE Roderick, as Vice President, Progress Energy
(Full Name) (Title: President, Trustees, Etc.)

am authorized to sign for the entity below, that I have personal acknowledge of all the requirements associated with use of subject state lands, and that the address below shall be used for conducting official business with subject state lands account.

Lessee/Grantee is a/an: Corporation
Name of Entity: Progress Energy Florida

Street Address: 15760 W Powerline St (Required even though
a P.O. Box is used.)

Post Office Box: _____

City: Crystal River

State: FL Zip Code 34428

Phone Number: (352) 563-4800

Area Code

Signed



(Original signature required)

STATE OF Florida
COUNTY OF Citrus

The foregoing instrument was acknowledged before me this 16th day of September, 2008, by Daniel Lee Roderick of Progress Energy. He/she is personally known to me or who has produced himself, as identification.

Carol D. Franker
Notary Public



My Commission Expires: 3-4-09

Lease/Easement/Use Agreement No. _____
DEP 62-033A(16)

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.

**SOVEREIGNTY SUBMERGED LAND PUBLIC EASEMENT
APPLICATION PACKAGE FOR
CABLE, PIPELINE, CONDUIT OR UTILITY CROSSINGS**
(Chapters 18-18, 18-20 or 18-21, Florida Administrative Code)

Note: The following questions are only applicable if your activity will affect state-owned sovereign submerged lands. If you can document that your proposed project does not affect state-owned sovereign submerged lands, please contact our office and provide copies of the documentation. Otherwise, please proceed to answer the following questions.

- [**X**] 1. Provide a \$540 processing fee payable to the Department of Environmental Protection.

- [**N/A**] 2. Provide satisfactory evidence of sufficient upland interest in the subject riparian upland property. Satisfactory evidence of sufficient upland interest shall be demonstrated by documentation, such as a warranty deed; a certificate of title issued by a clerk of the court; a lease; an easement; or other documents that clearly demonstrate that the holder has control and interest in the riparian uplands adjacent to the project area and the riparian rights necessary to conduct the proposed activity. Public utilities and state and other government agencies must obtain satisfactory evidence of sufficient upland interest prior to construction, but need not provide such evidence as part of any required application.

- [**X**] 3. Provide a scaled and fully dimensioned drawing showing:
 - ___ all proposed and existing structures/activities.
 - ___ cross-sectional views of all proposed structures.

- [*****] 4. A sketch and description of the easement area will be required for all public easements. Refer to the enclosed package (SLER 0960) for specific requirements and information.

- [**X**] 5. Complete and return the enclosed Certification of Authorized Entity (SLER 0915B). Refer to the enclosed information sheet (SLER 0915A) detailing who is considered to be the individual authorized to execute easements.

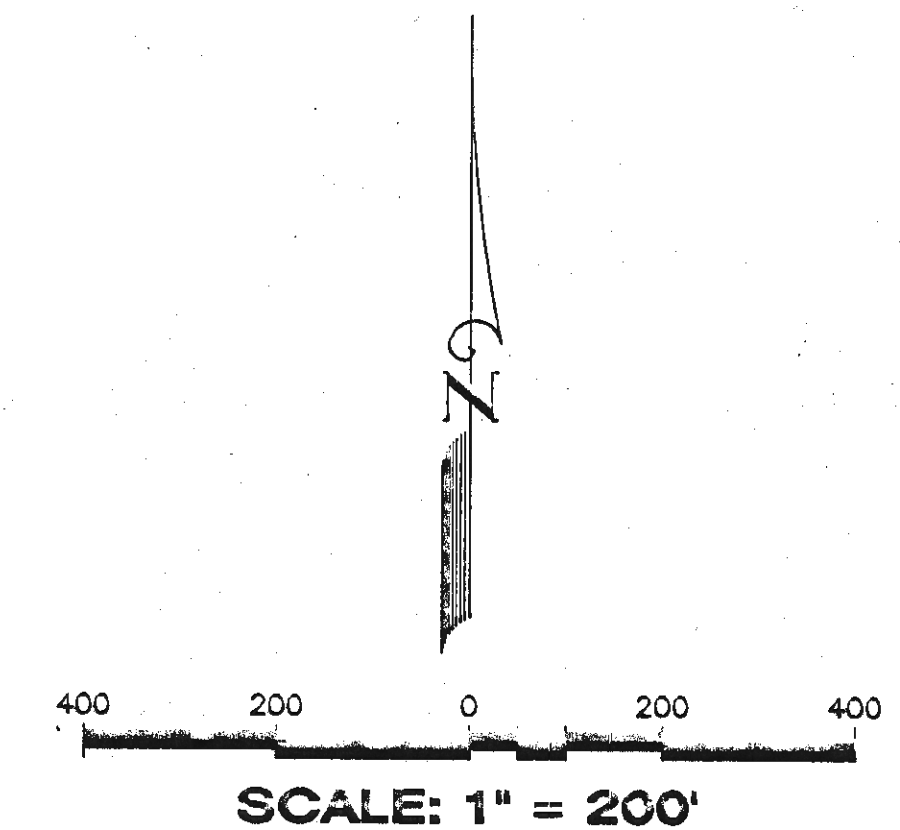
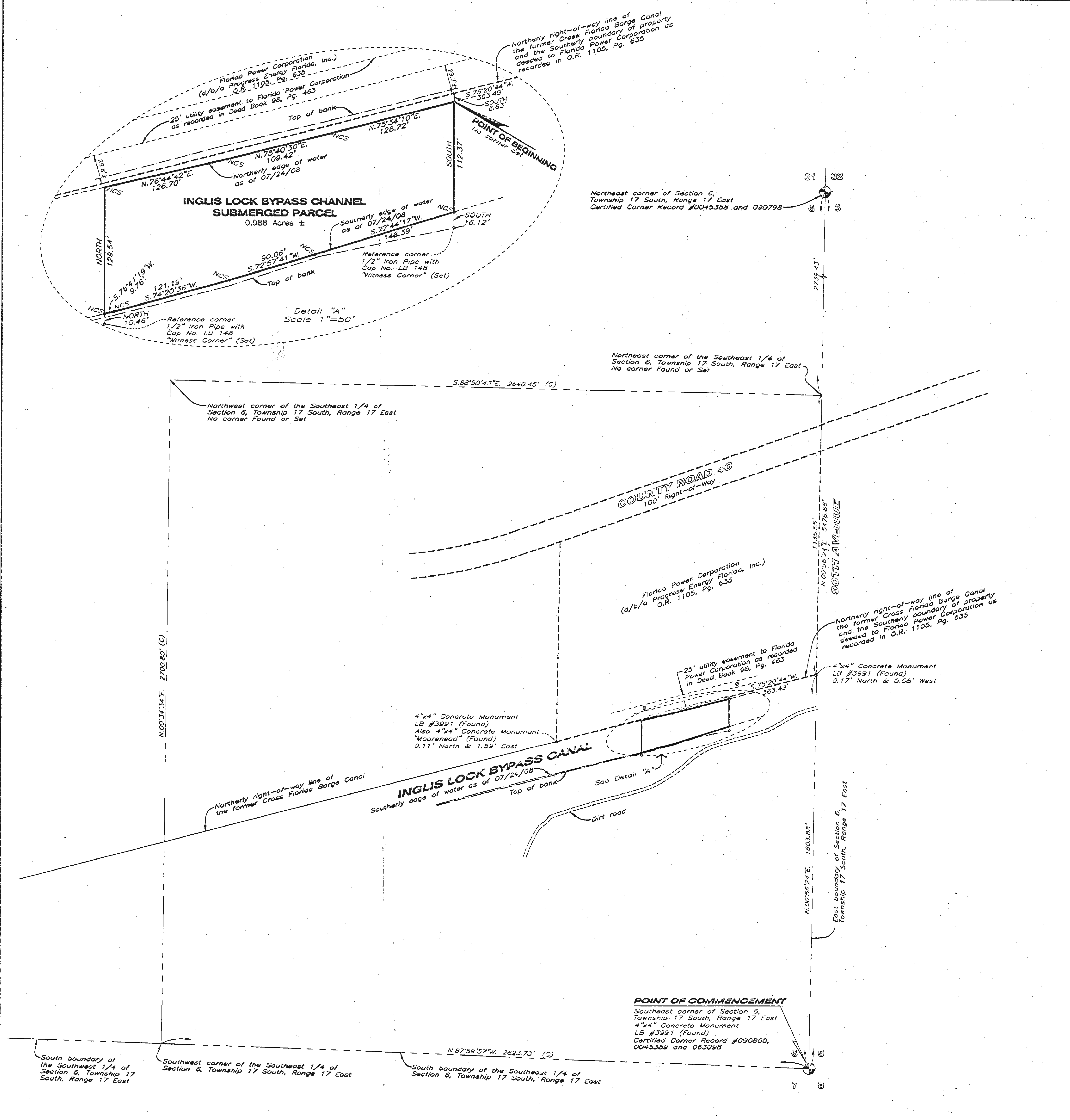
- [*****] 6. Provide either a copy of your local government permit, a copy of an intent to issue a permit from your local government, or a statement from local government which explicitly indicates that the proposed project is consistent with the local government's comprehensive plan.

*** Pending**

SECONDARY EASEMENT REQUIREMENTS
(easements within existing easements or within rights-of-way)

- [*] 7. Your project appears to be located within a public/private transportation/utility right-of-way or easement area. Provide evidence of authorization from the holder of the right-of-way/easement.
- [X] 8. 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 all utility crossings, proposed method of installation, and justification for the installation method chosen (e.g. aerial vs. subaqueous crossing).

*** Pending**



BASIS OF BEARINGS

Bearings based on the East boundary of Section 6, Township 17 South, Range 17 East, Levy County, Florida, having a Grid bearing of N.00°56'24"E. The Grid Bearings as shown hereon refer to the State Plane Coordinate System, North American Horizontal Datum of 1983 (NAD 83-1990 ADJUSTMENT) for the West Zone of Florida.

INGLIS LOCK BYPASS CHANNEL SUBMERGED PARCEL

DESCRIPTION: A parcel of land lying in the South 1/2 of Section 6, Township 17 South, Range 17 East, Levy County, Florida and being more particularly described as follows:

Commence at the Southeast corner of Section 6, Township 17 South, Range 17 East, Levy County, Florida and run thence N.00°56'24"E., 1603.88 feet along the East boundary of said Section 6 to the Northerly right-of-way line of the former Cross Florida Barge Canal and the Southerly boundary of property deeded to Florida Power Corporation d/b/a Progress Energy Florida, Inc. and recorded in O.R. Book 1105, Page 635, Public Records of Levy County, Florida; thence along said Southerly boundary, S.75°20'44"W., 363.49 feet; thence SOUTH, 8.63 feet to a point on the Northerly edge of water of Inglis Lock Bypass Canal, said point also being the POINT OF BEGINNING; thence continue SOUTH, 112.37 feet to the Southerly edge of water of Inglis Lock Bypass Canal; thence along said Southerly edge of water of Inglis Lock Bypass Canal, the following four (4) courses: 1) S.72°44'17"W., 148.39 feet; 2) S.72°57'41"W., 90.06 feet; 3) S.74°20'36"W., 121.19 feet; 4) S.76°41'19"W., 9.76 feet; thence NORTH, 129.54 feet to the aforesaid Northerly edge of water of Inglis Lock Bypass Canal; thence along said Northerly edge of water of Inglis Lock Bypass Canal, the following three (3) courses: 1) N.76°44'42"E., 126.70 feet; 2) N.75°40'30"E., 109.42 feet; 3) N.75°34'10"E., 128.72 feet to the POINT OF BEGINNING.

Containing 0.988 acres, more or less.

SURVEYOR'S NOTES:

- 1) Current title information on the subject property had not been furnished to Heidt & Associates, Inc. at the time of this survey, and is subject to title review and/or abstract. Heidt & Associates, Inc. makes no representations or guarantees pertaining to easements, rights-of-way, set back lines, reservations, agreements, and other similar matters.
- 2) This survey is limited to above ground visible improvements along and near the boundary lines, except as shown hereon, and that nothing below the ground was located including, but not limited to foundations (footings), utilities, etc.
- 3) Description of subject parcel, shown hereon, prepared by Heidt & Associates, Inc.

LEGEND

O.R.	Official Records Book
Pg.	Page
SIP	1/2" Iron Pipe with Cap No. LB 148 (Set)
NCS	No corner Set
Ø	Utility Pole
(C)	Calculated

Certified To: Florida Board of Trustees of the Internal Improvement Trust Fund
Florida Power Corporation

**PROGRESS ENERGY
INGLIS LOCK BYPASS CHANNEL
SUBMERGED PARCEL
BOUNDARY SURVEY**

Last Date of Field Survey: 07-24-08																																																								
This Survey Prepared For: FLORIDA POWER CORPORATION																																																								
<table><tr><th colspan="5">REVISIONS</th></tr><tr><th>Description</th><th>Date</th><th>Dwn.</th><th>Cl'd</th><th>P.C./Order No.</th></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>		REVISIONS					Description	Date	Dwn.	Cl'd	P.C./Order No.																																													
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<table><tr><td colspan="2">SURVEYOR'S CERTIFICATE</td></tr><tr><td colspan="2">This certifies that a survey of the herein described property was made under my supervision and meets the Minimum Technical Standards set forth by the Florida Board of Professional Surveyors & Mappers in Chapter 61G17-6, Florida Administrative Code, pursuant to Section 472.027, Florida Statutes.</td></tr><tr><td colspan="2"></td></tr><tr><td colspan="2">Paul A. Dolcemascolo</td></tr><tr><td colspan="2">FLORIDA PROFESSIONAL SURVEYOR & MAPPER NO. 3881</td></tr><tr><td colspan="2">NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER</td></tr></table>		SURVEYOR'S CERTIFICATE		This certifies that a survey of the herein described property was made under my supervision and meets the Minimum Technical Standards set forth by the Florida Board of Professional Surveyors & Mappers in Chapter 61G17-6, Florida Administrative Code, pursuant to Section 472.027, Florida Statutes.				Paul A. Dolcemascolo		FLORIDA PROFESSIONAL SURVEYOR & MAPPER NO. 3881		NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER																																												
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<table><tr><td colspan="2">PREPARED BY: HEIDT & ASSOCIATES, Inc.</td></tr><tr><td colspan="2">Certificate of Authorization Number LB 148</td></tr><tr><td colspan="2">Tampa Office</td></tr><tr><td colspan="2">1602 N. 15th Street</td></tr><tr><td colspan="2">Tampa, Florida 33606-5046</td></tr><tr><td colspan="2">Office: 813-253-5311</td></tr><tr><td colspan="2">Fax: 813-253-0478</td></tr><tr><td colspan="2">Cell: 813-253-0478</td></tr><tr><td colspan="2">Toll Free: 877-253-5311</td></tr><tr><td colspan="2">San Jose, California</td></tr><tr><td colspan="2">Brookville, Ohio</td></tr><tr><td colspan="2">www.heidtinc.com</td></tr><tr><td>Drawn/SEC</td><td>Checked: AJN</td></tr><tr><td>Date: 08/01/08</td><td>Dwg/PE-BRIDGE-BS</td></tr><tr><td colspan="2">Order No.: FPC-RY-005</td></tr><tr><td colspan="2">SECTION 6, TOWNSHIP 17 SOUTH, RANGE 17 EAST</td></tr></table>		PREPARED BY: HEIDT & ASSOCIATES, Inc.		Certificate of Authorization Number LB 148		Tampa Office		1602 N. 15th Street		Tampa, Florida 33606-5046		Office: 813-253-5311		Fax: 813-253-0478		Cell: 813-253-0478		Toll Free: 877-253-5311		San Jose, California		Brookville, Ohio		www.heidtinc.com		Drawn/SEC	Checked: AJN	Date: 08/01/08	Dwg/PE-BRIDGE-BS	Order No.: FPC-RY-005		SECTION 6, TOWNSHIP 17 SOUTH, RANGE 17 EAST																								
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Check Date
12-SEP-08

Check Number
177945

Vendor name
FL DEPT OF ENVIRONMENTAL PROTECT

Vendor #
150283

Invoice Number	Invoice Date	Adjustments	Paid Amount
090908	09-SEP-08	0.00	540.00
Questions? Invoice.Inquiry@pgnmail.com		\$.00	\$ 540.00
			\$ 540.00

THE FACE OF THIS DOCUMENT HAS A COLORED BACKGROUND NOT A WHITE BACKGROUND

Progress Energy Service Company, LLC
on behalf of Progress Energy, Inc. subsidiaries
P.O. Box 1551
Raleigh, NC 27602



Vendor Number 150283

Check Date
12-SEP-08 177945

64-1327
611

VOID AFTER 6 MONTHS FROM DATE

177945

*****540.00

Pay Exactly Five Hundred Forty Dollars And 00 Cents*****

TO THE FL DEPT OF ENVIRONMENTAL PROTECTION
ORDER 7825 BAYMEADOWS WAY
OF STE 200B
JACKSONVILLE, FL 32256-7590

Wachovia Bank, N.A.
Augusta, GA

Signature

COMMENT NUMBER: 2

RAI NUMBER: LNP ERP RAI-002

REQUESTING AGENCY: FDEP, Northeast District Office

COMMENT:

Please review the attached Request for Additional Information from The Florida Fish and Wildlife Conservation Commission and provide answers to their questions to The Department of Environmental Protection.

1. No site plan drawings were provided with the application materials. Please provide a site plan that depicts the exact location and gives measurements for all elements of the proposed construction: the bridge, the excavation area, the boat ramp and the barge slip.
2. No description of in water work was provided. Please describe in depth the in water work that would be associated with all elements of the proposed construction: the bridge, the excavation area, the boat ramp and the barge slip. Please include a description of any vessels that would be utilized during construction.
3. Please provide additional information concerning the proposed public boat ramp. How many lanes will the ramp have? How many boat trailer parking spaces are proposed at the ramp location?
4. Please provide additional information about the proposed barge slip. What is the proposed use of this slip? How is it associated with the proposed ramp?
5. Please provide additional information about the proposed excavation and dredging mentioned in the application materials. What is the purpose of the excavation and dredging? What method of dredging is proposed?
6. Are there pipes and/or culverts (existing or proposed) that are submerged or partially submerged, accessible to manatees during any tidal phase, and larger than 8 inches in diameter but smaller than 8 foot in diameter on the site?

RESPONSE:

The following information is provided in response to the request for additional information from Florida Fish and Wildlife Conservation Commission:

1. A dredge/fill site plan, Drawing LNG-G1P1-X3-002, Impact of Developed Areas on Wetland, is included with this response. The following descriptions provide additional detail for the bridge, excavation area, and barge slip.

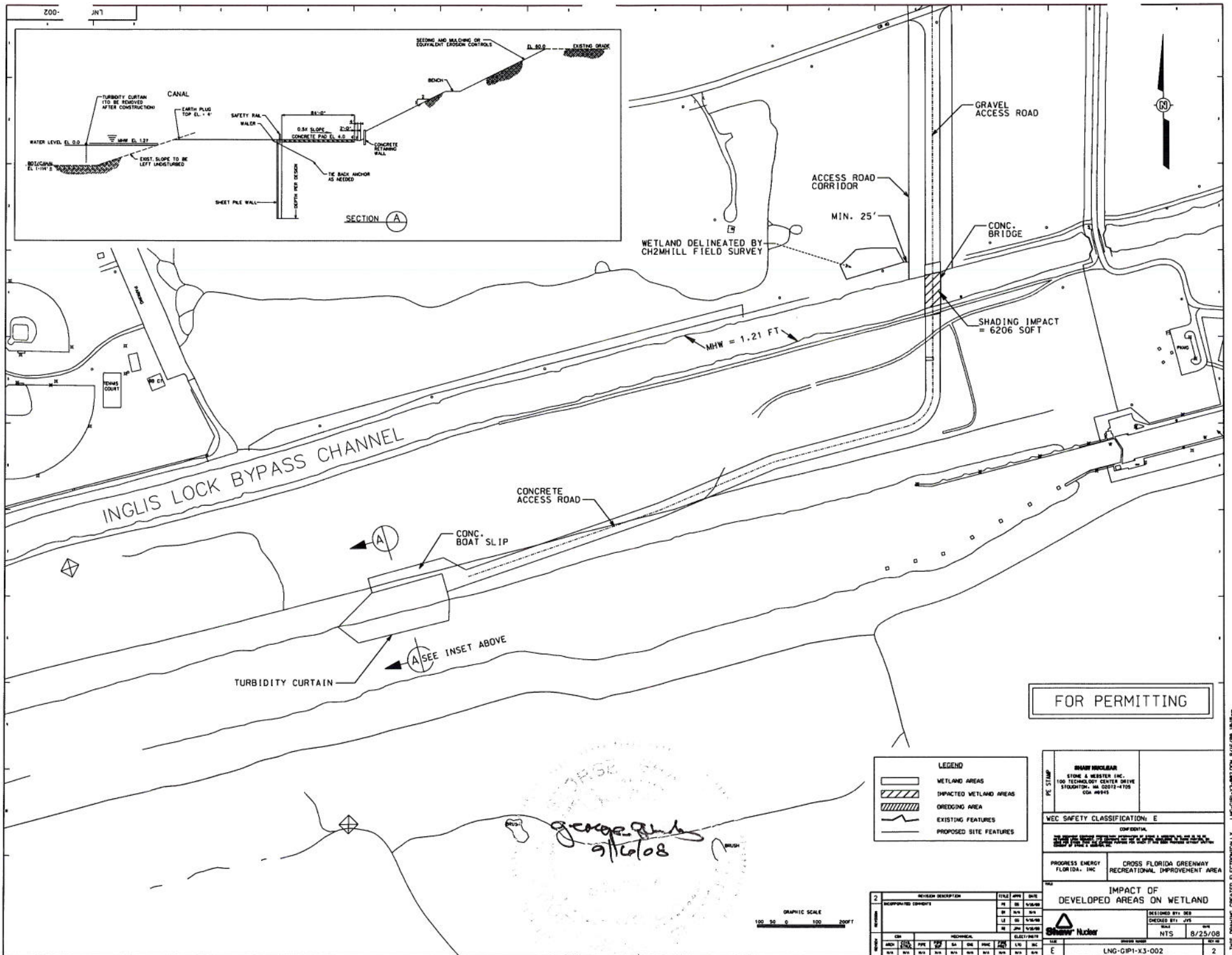
- Bridge: The bridge for the access road will be constructed over the Inglis Lock Bypass Channel. Details are provided in the following drawings, which are attached to Comment 1: Drawing LNG-X001-C2-001, Access Road Bypass Channel Bridge Plan and Elevation, and Drawing LNG-X001-C2-003, Access Road Bypass Channel Bridge Typical Cross Section.
 - Excavation Area: The excavation area is above the mean high water line, as shown in Drawing LNG-G1-XM-000002, Boat Slip General Arrangement Plan, and Drawing LNG-G1XCM-000003, Boat Slip Sections, which follow this response.
 - Barge Slip/Boat Ramp: The upland portions of the barge slip and boat ramp will be constructed under this permit. During the second phase, which is incorporated into the Levy Nuclear Plant Site Certification Application, the area in front of the sheet pile will be excavated to create a barge slip for use in the construction of the power plant. At that time, the boat ramp will be completed and facilitate recreational use. The concrete parking area north of the sheet pile wall will provide parking for recreational access.
2. The bridge is the only work on or over a surface water that will be performed as part of this permit. As discussed in Section IV of the Application, concrete piling will be used for the bridge over the Inglis Lock Bypass Channel. The bridge will be constructed from land using steel templates to control pile locations. Rip rap will be installed as bridge abutments. No water vessels are proposed for use during this construction. Further discussion of the upland work is provided in the response to Item 1, above.
 3. Only the upland portion of the barge slip and boat ramp will be constructed under this permit. The second phase of the construction (excavation in front of sheet piling and boat ramp completion) will be performed under the Levy Nuclear Plant Site Certification Application. At that time, the boat ramp will have two access lanes for launching boats into the Cross Florida Barge Canal. At least 30 parking spaces to accommodate vehicles with boat trailers will be provided on the concrete pad, which will be built as part of this permit.
 4. The barge slip will be used initially to support the construction of the Levy Nuclear Plant. It will be used to receive oversized and heavy items that will be shipped to the site by barge. When the plant becomes operational, the barge slip will also be used on an occasional basis to support the shipment of heavy and oversized items. Dual use of this barge slip is proposed to enhance recreational access to the Cross Florida Barge Canal. The concrete pad for the barge slip will be wide enough to provide parking for vehicles with boat trailers and the boat ramp is being incorporated into the project to enhance public access to the canal for recreational purposes.
 5. No dredging is proposed under this permit application. The excavation is to support the early site work necessary to create a barge slip to support the construction of the

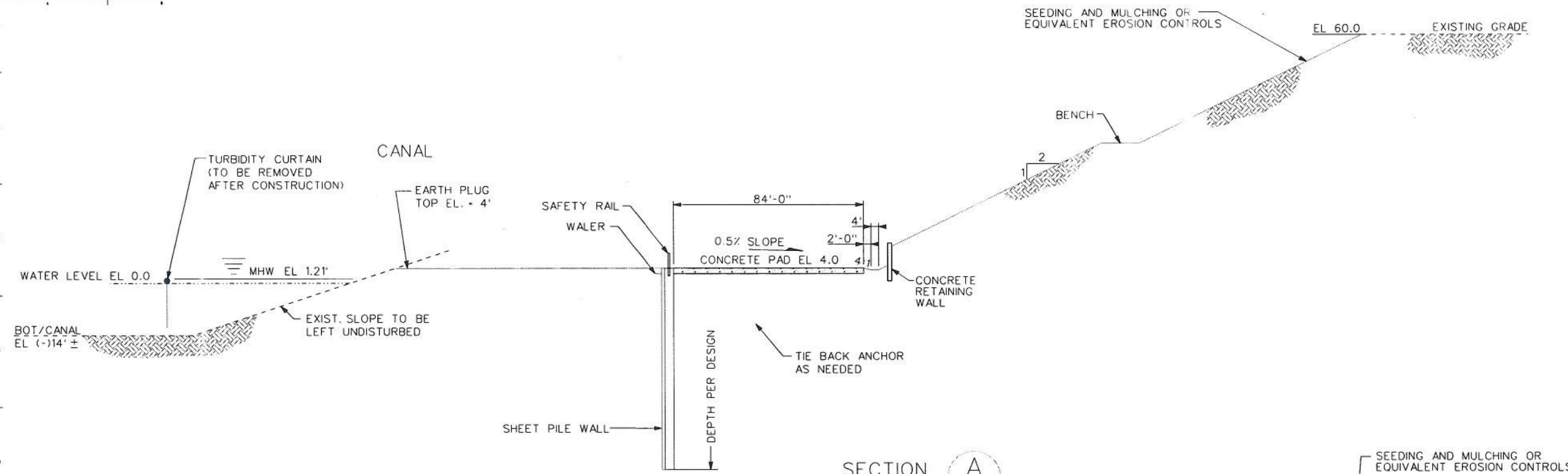
- Levy Nuclear Plant. Excavation will be limited to areas that are upland of the mean high water. During construction activities, a berm will be maintained between the site work and the Cross Florida Barge Canal and a turbidity curtain within the Cross Florida Barge Canal will be maintained to protect water quality.
6. There are no existing pipes to the Cross Florida Barge Canal. A single stormwater drainage pipe is proposed that will discharge from stormwater swales designed for this project. The pipe is labeled as "12" RCP (Watertight Joints)" in Drawing LNG-G1-XS-048, Stormwater/Grading & Erosion Control Plan, which is attached. The proposed pipe is a 12-inch diameter pipe with an inlet on the upstream (north) side and a mitered end section on the downstream (south) side at the Cross Florida Barge Canal. This pipe will be equipped with a 4-inch square grating to prevent manatees from entering and becoming trapped in the pipe.

ATTACHMENTS:

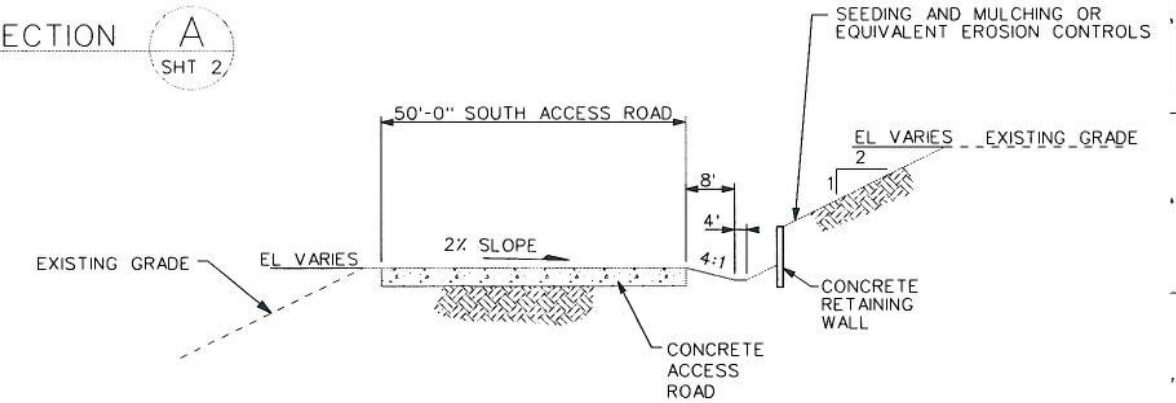
The attachments for Comment 2 are included in the following order:

1. Drawing LNG-G1P1-X3-002, Impact of Developed Areas on Wetland
2. Drawing LNG-G1-XM-000002, Boat Slip General Arrangement Plan
3. Drawing LNG-G1-XM-000003, Boat Slip Sections
4. Drawing LNG-G1-XS-048, Stormwater/Grading & Erosion Control Plan

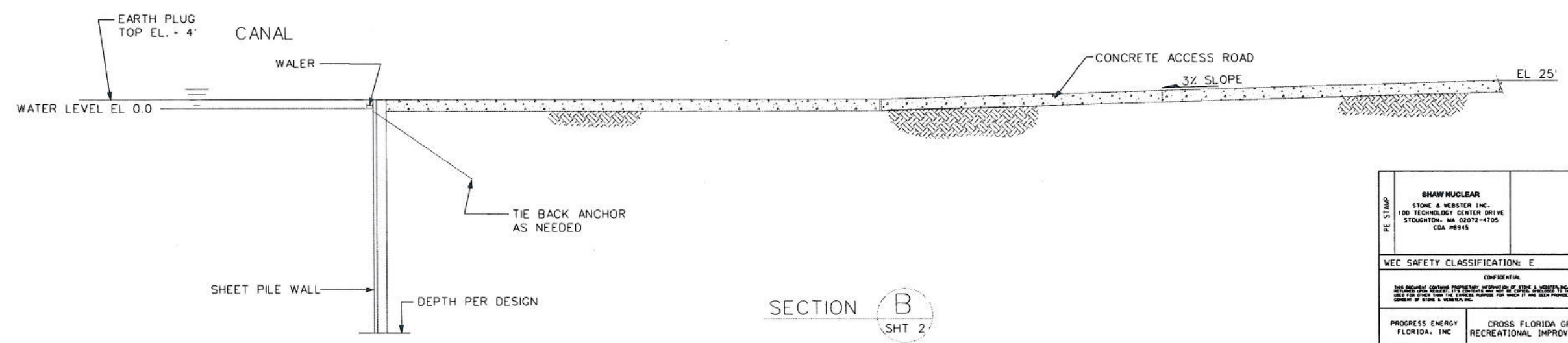




SECTION A
SHT 2



SECTION C
SHT 2



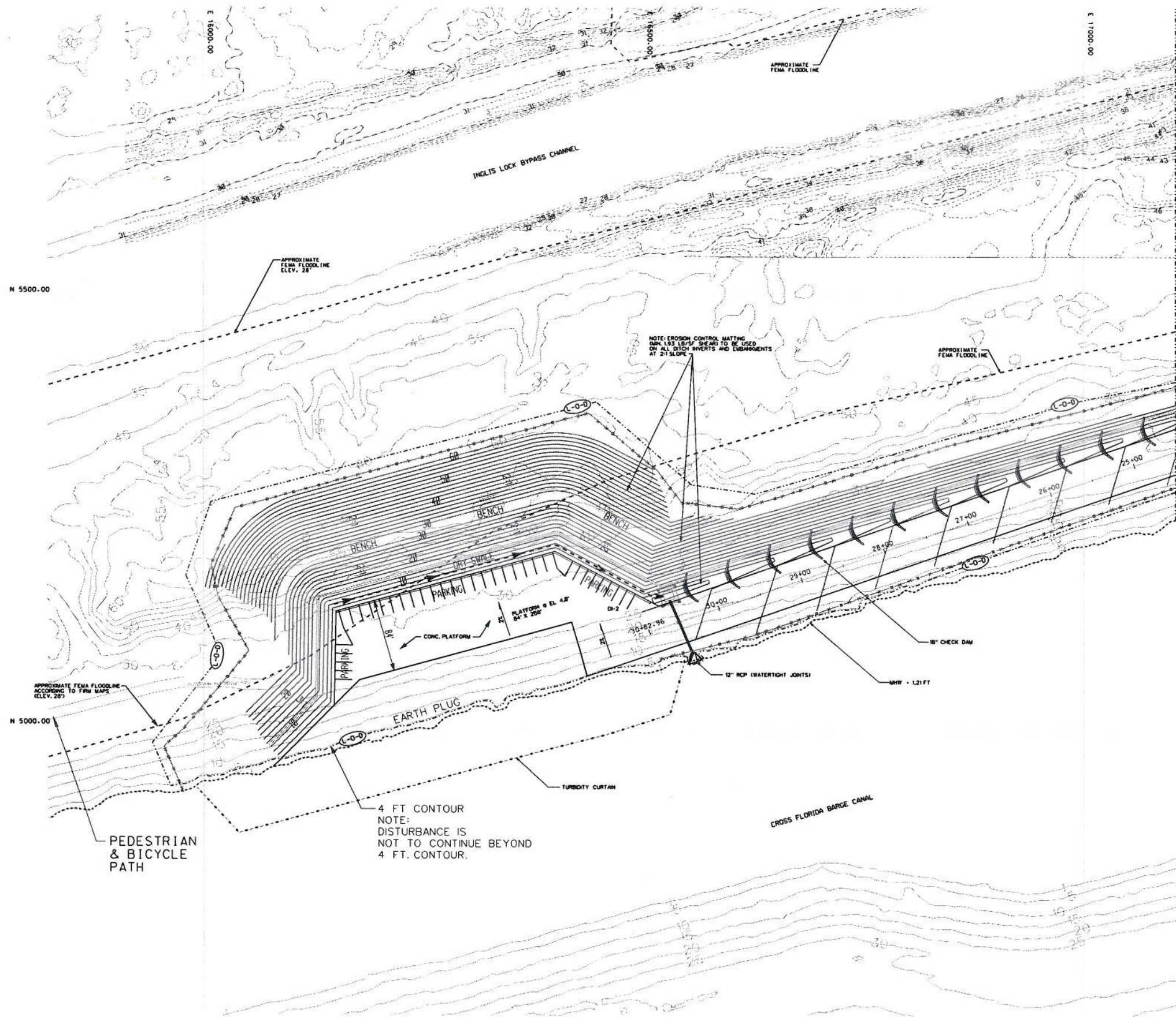
SECTION B
SHT 2

FOR PERMITTING

REVISION	DESCRIPTION	TITLE	DATE
2	REVISED BASED ON 4 FT. ELEV. EARTHPLUG	PC	
1		BY	
1		LE	
1		RE	

SHAW NUCLEAR STONE & WEBSTER, INC. 100 TECHNOLOGY CENTER DRIVE STOUGHTON, MA 02072-4705 COA #B945	
WEC SAFETY CLASSIFICATION: E	
CONFIDENTIAL	
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF STONE & WEBSTER, INC. AND IS TO BE RETURNED TO STONE & WEBSTER, INC. UPON REQUEST. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF STONE & WEBSTER, INC.	
PROGRESS ENERGY FLORIDA, INC.	CROSS FLORIDA GREENWAY RECREATIONAL IMPROVEMENT AREA
TITLE: BOAT SLIP SECTIONS	
DESIGNED BY: DEB	CHECKED BY: JVS
DATE: 6/17/08	SCALE: NTS
SHEET NUMBER: LNG-G1-XM-000003 SHEET NO: 2	

THIS DRAWING CREATED ELECTRONICALLY



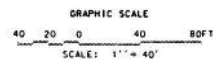
LEGEND

- 35.00 --- PROPOSED MAJOR CONTOUR
- 35.00 - PROPOSED MINOR CONTOUR
- 35.00 --- EXISTING MAJOR CONTOUR
- 35.00 - EXISTING MINOR CONTOUR
- STP SOIL TRACKING PREVENTION
- ECM EROSION CONTROL MATTING OR SOD
- STANDARD FILTER FABRIC
- CONCRETE CHECK STRUCTURE
- INLET PROTECTION
- NEW EDGE OF ROAD
- EXISTING EDGE OF ROAD
- RIPRAP
- NEW STORM PIPE
- NEW FLARED END SECTION
- (L-D-D) LIMIT OF DISTURBANCE
- MHW MEAN HIGH WATER

CONTOURS ARE IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

FOR PERMITTING

NOTE:
*RIPRAP TO BE ADDED AT THE TIME OF TEMPORARY EARTH BERM REMOVAL.
TEMPORARY EARTH BERM WILL BE REMOVED AFTER OBTAINING SCA PERMIT.



REVISION	DESCRIPTION	DATE
2	REVISED BASED ON 4 FT. ELEV. EARTHPLUG	
1	DESIGNED BY: JVS	
1	CHECKED BY: JVS	
1	DATE: 6/17/08	

SHAW NUCLEAR
STONE & WEBSTER INC.
100 TECHNOLOGY CENTER DRIVE
STOUGHTON, MA 02072-4705
COA #5945

WEC SAFETY CLASSIFICATION: E

CONFIDENTIAL

PROGRESS ENERGY FLORIDA, INC. CROSS FLORIDA GREENWAY RECREATIONAL IMPROVEMENT AREA

STORMWATER/GRADING & EROSION CONTROL PLAN

DESIGNED BY: JVS
CHECKED BY: JVS
DATE: 6/17/08

SHAW Nuclear

DATE: 6/17/08

PROJECT: LNG-G1-XS-048

2

THIS DRAWING CREATED ELECTRONICALLY

COMMENT NUMBER: 3

RAI NUMBER: LNP ERP RAI-003

REQUESTING AGENCY: FDEP, Northeast District Office

COMMENT:

Please provide a copy of the executed upland easement that is required for this project.

RESPONSE:

As a public utility, the applicant is not required to provide satisfactory evidence of sufficient upland interest as a completeness item pursuant to Rule 18-21.004(3)(b), F.A.C. Negotiations with the Office of Greenways and Trails regarding the easement over the adjacent uplands are ongoing.

ATTACHMENTS:

None.