

# DEPARTMENT OF THE ARMY PERMIT

**Permittee:** Florida Department of Transportation, District 3  
Attn: Joy Giddens  
P.O. Box 607  
Chipley, Florida 32428

**RECEIVED**

**Permit No:** SAJ-2007-5634 (IP-AWP)

SEP 15 2008

**Issuing Office:** U.S. Army Engineer District, Jacksonville  
JACKSONVILLE DISTRICT  
USACE

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

**Project Description:** The placement of clean fill material into 4.14 acres of waters of the United States (wetlands) for the replacement of the existing State Road 10 (SR-10) (US-90) bridge over the Perdido River and 1 acre of temporary impacts associated with the conversion of forested wetlands to herbaceous wetlands due to shading by the new structure. (FPN # 411118-1-52-01). The work described above is to be completed in accordance with the 3 attachments affixed at the end of this permit instrument.

**Project Location:** The project is the replacement of the existing SR-10 (US-90) bridge over the Perdido River. The project is located in Sections 10 and 15, Township 01 South, Range 32 West, and Section 15, Township 06 South, Range 06 East, Escambia County, Florida.

**Directions to site:** From the intersection of US-90 and Mobile Highway proceed west on US-90 approximately 3.5 miles to the Perdido River crossing.

**Latitude & Longitude:** Latitude 30.5221 North  
Longitude 87.4473 West

PERMIT NUMBER: SAJ-2007-5634(IP-AWP)  
PERMITTEE: FDOT - District 3  
PAGE 2 of 10

### **Permit Conditions**

#### **General Conditions:**

1. The time limit for completing the work authorized ends on **August 29, 2013**. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and State coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
4. If you sell the property associated with this permit, you must obtain the signature and the mailing address of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.
6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to

PERMIT NUMBER: SAJ-2007-5634(IP-AWP)  
PERMITTEE: FDOT - District 3  
PAGE 3 of 10

ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

**Special Conditions:**

1. The Permittee shall use only clean fill material for this project. The fill material shall be free from items such as trash, debris, automotive parts, asphalt, construction materials, concrete block with exposed reinforcement bars, and soils contaminated with any toxic substance, in toxic amounts in accordance with Section 307 of the Clean Water Act.
2. Wetland impacts for this project will be mitigated through the Northwest Florida Umbrella, Watershed-Based, Regional Mitigation Plan (PLAN), as defined in the agreement between the Northwest Florida Water Management District (NFWFMD) and the U.S. Army Corps of Engineers (Corps), Jacksonville District, July 31, 2006. The PLAN defines mitigation for this project as a combination of land acquisition, preservation, and restoration at the Perdido River site identified in section 5.1.4 Perdido River WMA, April 7, 2008 update.
3. Within 30 days from the date of initiating the authorized work or 12 months from the effective date of this permit, whichever first occurs, the Permittee shall provide verification to the Corps that 10.3 credits have been deducted from the Perdido River WMA credit ledger. The required verification shall reference this project's permit number (SAJ-2007-5634(IP-AWP)).
4. A representative of the Corps will be allowed to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of this permit.
5. All reports, documentation and correspondence required by the conditions of this permit shall be submitted to the following address: U.S. Army Corps of Engineers, Regulatory Division, Enforcement Section, P.O. Box 4970, Jacksonville, FL 32232 and US Army Corps of Engineers, Cocoa Regulatory Field Office, Attn: Andrew Phillips, 400 High Point Drive, Suite 600, Cocoa, Florida 32926.

PERMIT NUMBER: SAJ-2007-5634 (IP-AWP)  
PERMITTEE: FDOT - District 3  
PAGE 4 of 10

6. Within 10 days from the date of initiating the authorized work, the Permittee shall provide to the Corps a written notification of the date of commencement of work authorized by this permit.

7. Prior to the initiation of any work authorized by this permit, the Permittee shall install erosion control measures around all work areas to prevent the displacement of fill material. Immediately after completion of the final grading of the land surface, all slopes, land surfaces, and filled areas adjacent to wetlands shall be stabilized using sod, degradable mats, or a combination of similar stabilizing materials to prevent erosion. The erosion control measures shall remain in place and be maintained until all authorized work has been completed and the site has been stabilized.

8. Within 60 days of completion of the authorized work or at the expiration of the construction window of this permit, whichever occurs first, the Permittee shall submit as-built drawings of the authorized work and a completed As-Built Certification Form (Attachment 3) to the Corps. The drawings shall be signed and sealed by a registered professional engineer and include the following:

a. A plan view drawing of the location of the authorized work footprint (as shown on the permit drawings) with an overlay of the work as constructed in the same scale as the attached permit drawings (8½-inch by 11-inch). The drawing should show all "earth disturbance," including wetland impacts, water management structures, and any on-site mitigation areas.

b. List any deviations between the work authorized by this permit and the work as constructed. In the event that the completed work deviates, in any manner, from the authorized work, describe on the As-Built Certification Form the deviations between the work authorized by this permit and the work as constructed. Clearly indicate on the as-built drawings any deviations that have been listed. Please note that the depiction and/or description of any deviations on the drawings and/or As-Built Certification Form does not constitute approval of any deviations by the U.S. Army Corps of Engineers.

c. The Department of the Army Permit number.

PERMIT NUMBER: SAJ-2007-5634(IP-AWP)  
PERMITTEE: FDOT - District 3  
PAGE 5 of 10

- d. Include pre- and post-construction aerial photographs of the project site, if available.

**Further Information:**

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:

(X) Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).

(X) Section 404 of the Clean Water Act (33 U.S.C. 1344).

( ) Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).

2. Limits of this authorization.

a. This permit does not obviate the need to obtain other Federal, State, or local authorizations required by law.

b. This permit does not grant any property rights or exclusive privileges.

c. This permit does not authorize any injury to the property or rights of others.

d. This permit does not authorize interference with any existing or proposed Federal projects.

3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:

a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.

b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.

PERMIT NUMBER: SAJ-2007-5634(IP-AWP)  
PERMITTEE: FDOT - District 3  
PAGE 6 of 10

c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.

d. Design or construction deficiencies associated with the permitted work.

e. Damage claims associated with any future modification, suspension, or revocation of this permit.

4. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

5. Reevaluation of Permit Decision: This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

a. You fail to comply with the terms and conditions of this permit.

b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (see 4 above).

c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170)

PERMIT NUMBER: SAJ-2007-5634 (IP-AWP)

PERMITTEE: FDOT - District 3

PAGE 7 of 10

accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions: General Condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

PERMIT NUMBER: SAJ-2007-5634 (IP-AWP)

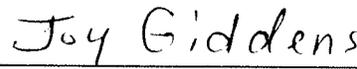
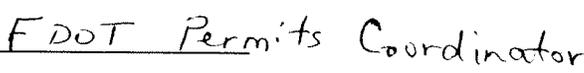
PERMITTEE: FDOT - District 3

PAGE 8 of 10

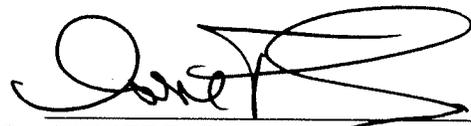
Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.

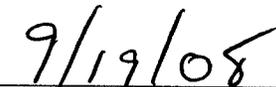
  
\_\_\_\_\_  
(PERMITTEE)

  
\_\_\_\_\_  
(DATE)

   
\_\_\_\_\_  
(PERMITTEE NAME-PRINTED)

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.

  
\_\_\_\_\_  
(DISTRICT ENGINEER)  
for Paul L. Grosskruger  
Colonel, U.S. Army  
District Commander

  
\_\_\_\_\_  
(DATE)

PERMIT NUMBER: SAJ-2007-5634(IP-AWP)  
PERMITTEE: FDOT - District 3  
PAGE 9 of 10

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

---

(TRANSFEREE-SIGNATURE)

---

(DATE)

---

(NAME-PRINTED)

---

(ADDRESS)

---

(CITY, STATE, AND ZIP CODE)

PERMIT NUMBER: SAJ-2007-5634(IP-AWP)  
PERMITTEE: FDOT - District 3  
PAGE 10 of 10

***Attachments to Department of the Army  
Permit Number SAJ-2007-5634(IP-AWP)***

1. PERMIT DRAWINGS: 15 pages, dated 5/9/2008
  
2. WATER QUALITY CERTIFICATION: Specific Conditions of the water quality permit/certification in accordance with General Condition number 5 on page 2 of this DA permit. 12 pages.
  
3. As-Built Certification: 1 page

COMPONENTS OF CONTRACT PLANS SET  
ROADWAY PLANS  
STRUCTURE PLANS  
SIGNAGE PLANS  
STRUCTURE PLANS

A DETAILED INDEX APPEARS ON THE  
KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

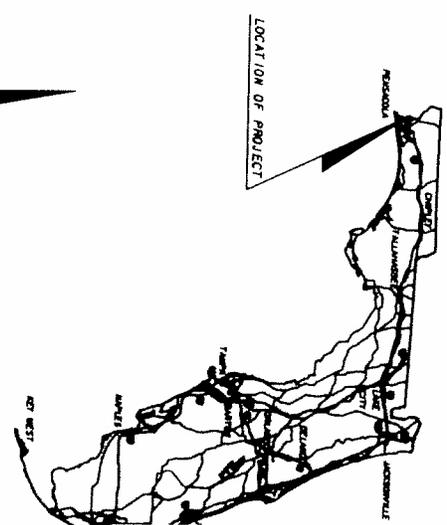
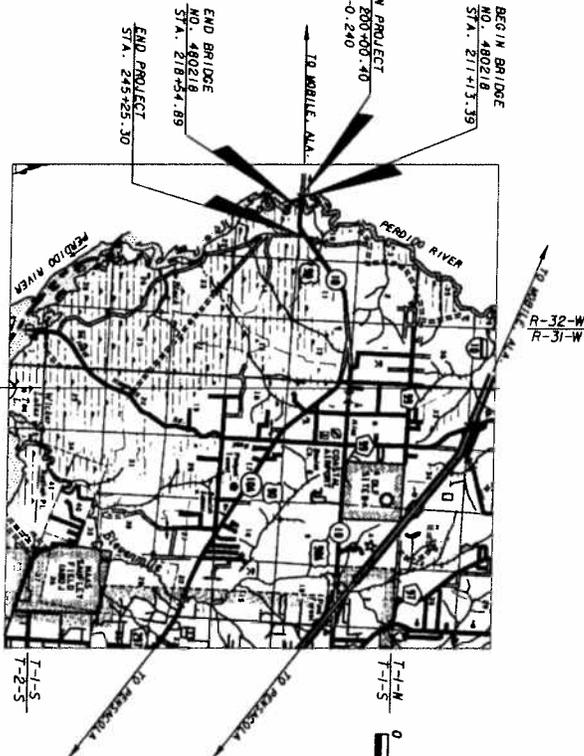
SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2-3	SUMMARY OF PAY ITEMS
4-5	DRAINAGE MAP
6-8	GENERAL NOTES
10-13	SUMMARY OF DRAINAGE STRUCTURES
14	SUMMARY OF DRAINAGE STRUCTURES
15	OPTIONAL MATERIALS TABULATION
16	GENERAL NOTES
17-23	PROF. SHEET
24-29	PLAN & PROFILE
30	DRIVEWAY PROFILES
31-33	DRAINAGE STRUCTURES
34-41	ROAD MATERIALS
42-53	GEOMETRIC REINFORCEMENT DETAILS
54-55	ROADWAY SOIL SURVEY
56-59	CROSS SECTIONS
60-62	TRAFFIC CONTROL PREVENTION PLAN
63-64	UTILITY ADJUSTMENT SHEET
95-145	UTILITY ADJUSTMENT SHEET
146-152	UTILITY ADJUSTMENT SHEET
153-159	WETLAND DELINEATION SHEET

GOVERNING STANDARDS AND SPECIFICATIONS:  
FLORIDA DEPARTMENT OF TRANSPORTATION,  
DESIGN STANDARDS DIVISION, ROAD AND  
BRIDGE CONSTRUCTION DIVISION, ROAD AND  
AS AMENDED BY CONTRACT DOCUMENTS.

APPLICABLE DESIGN STANDARDS AND SPECIFICATIONS: D-2-40  
FLORIDA DEPARTMENT OF TRANSPORTATION,  
DESIGN STANDARDS DIVISION, ROAD AND  
BRIDGE CONSTRUCTION DIVISION, ROAD AND  
AS AMENDED BY CONTRACT DOCUMENTS.

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION  
CONTRACT PLANS

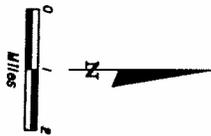
FINANCIAL PROJECT ID 41118-1-52-01  
ESCAMBIA COUNTY, FLORIDA (48010)  
BALDWIN COUNTY, ALABAMA  
STATE ROAD NO. 10



PROJECT LENGTH IS BASED ON £ OF CONSTRUCTION

LENGTH OF PROJECT		
ROADWAY	LINEAR FEET	MILES
ROADWAY	3783.40	0.716
BRIDGES	741.50	0.140
NET LENGTH OF PROJECT	4524.90	0.856
EXCEPTIONS		
GROSS LENGTH OF PROJECT	4524.90	0.856

FOOT PROJECT MANAGER: Bill Howell



**RECONVEED**  
RECONVEED ENGINEERING, INC.  
4000 Highway 101  
Tomball, TX 77375  
Phone: (281) 358-1234  
Fax: (281) 358-1234  
www.reconveed.com

**American**  
Consulting Engineers of Florida, LLC  
4000 Highway 101  
Tomball, TX 77375  
Phone: (281) 358-1234  
Fax: (281) 358-1234  
www.american-engineers.com

JACKSONVILLE DISTRICT  
USACE

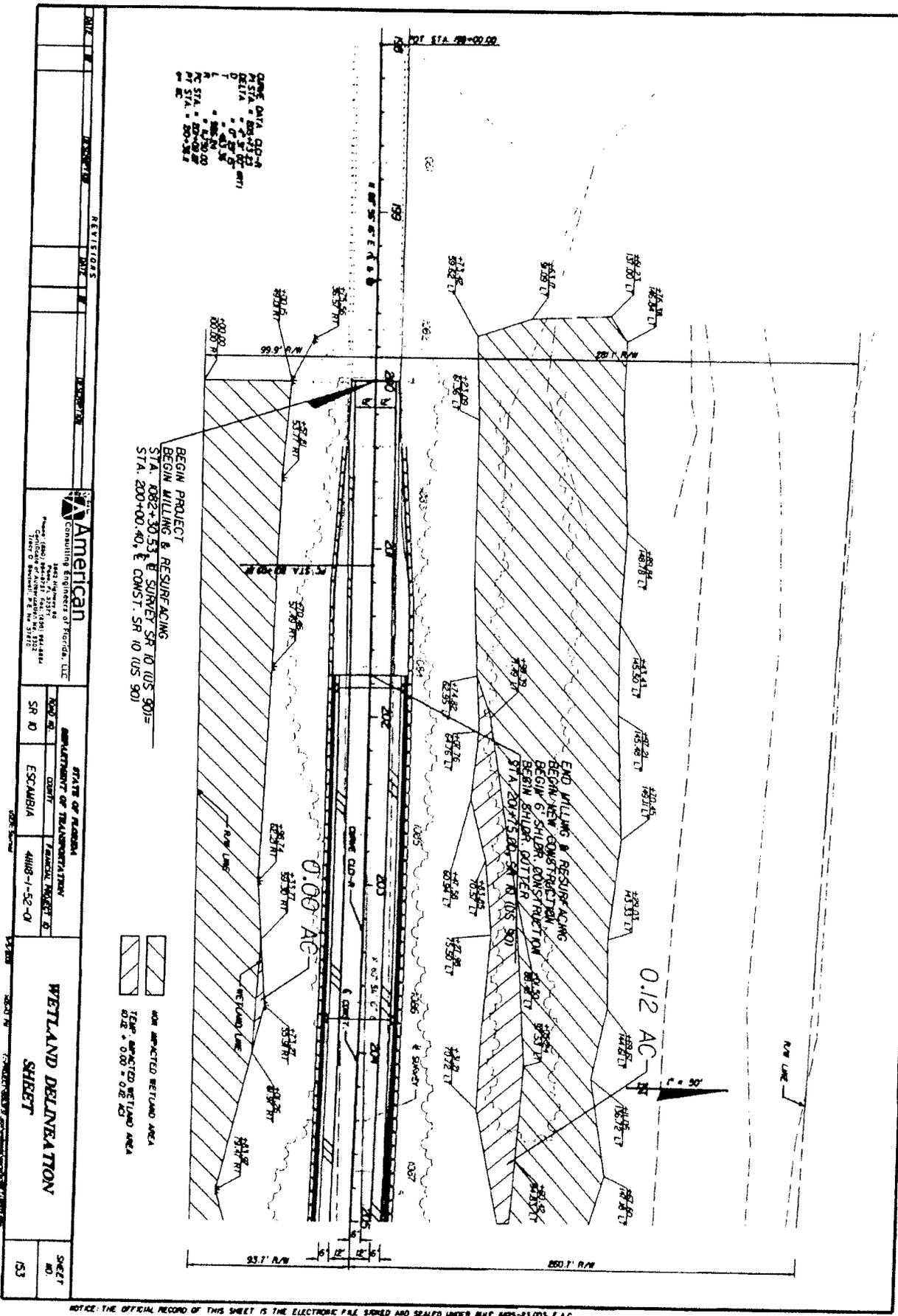
DATE	BY	DESCRIPTION

SR 10 (US 90) over Perdrie River Bridge Replacement  
1/25/2008 12:04 PM

ROADWAY PLANS SHEET NO. 10000	DATE: 1/25/08	DESIGNER: T. O. Howell, P.E.
P.E. NO. 5870		
FISCAL YEAR	10	SHEET NO. 1

U.S. Army Corps of Engineers  
Permit # 545-2007-5634  
Date: 8/18/08  
Attachment: 1

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MAY 13 2008  
JACKSONVILLE DISTRICT  
USACE



CURVE DATA: CD=4  
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 DELTA = 90.00  
 R = 100.00  
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 PT STA = 200+57.08

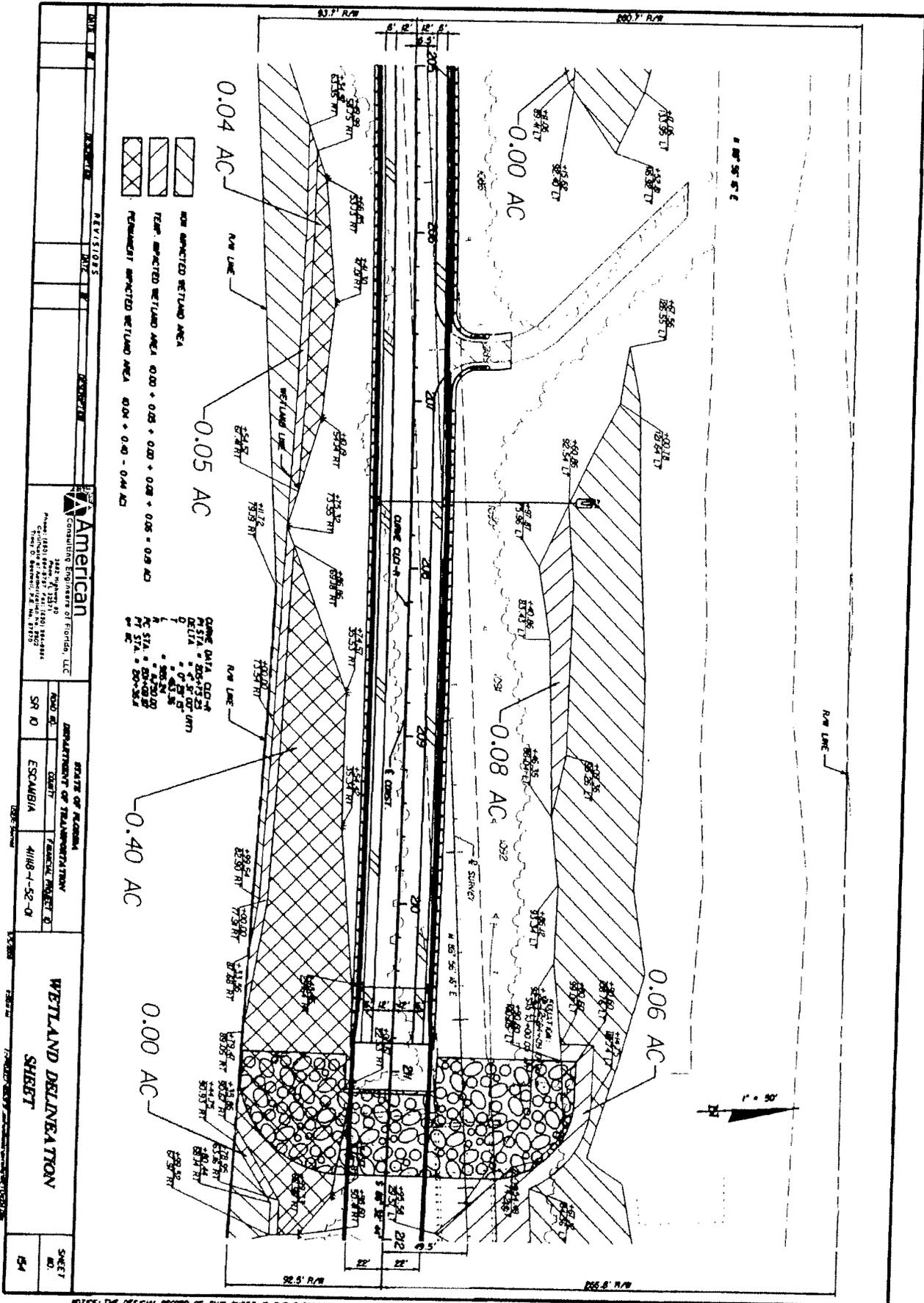
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 STA. 199+00.00  
 STA. 200+00.40, & CONST. SR 10 (US 90)

END FILLING & RESURFACING  
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 BEGIN 6' SHOULDER CONSTRUCTION  
 BEGIN SHOULDER CUTTER  
 STA. 200+75.00 - SR 10 (US 90)

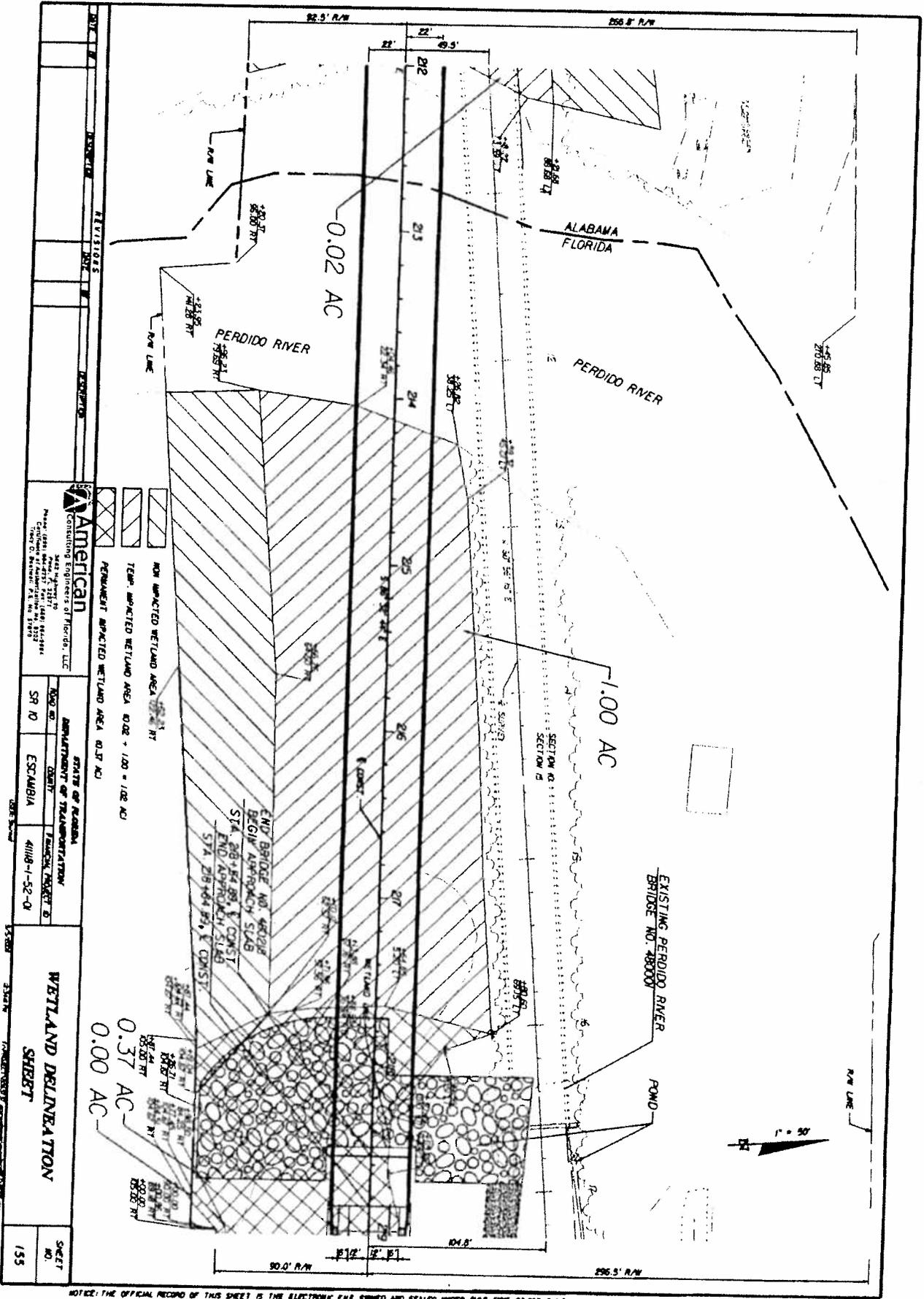
NON IMPACTED WETLAND AREA  
 TEMP. IMPACTED WETLAND AREA  
 0.12 AC  
 0.00 AC

REVISIONS		DATE		BY	
American Consulting Engineers of Florida, LLC 1402 Highway 44 Palm Bay, FL 32909 Phone: (888) 999-4421 Fax: (888) 999-4424 Email: info@american-engineers.com Website: www.american-engineers.com					
STATE OF FLORIDA		DEPARTMENT OF TRANSPORTATION		PROJECT NO.	
SR 10		ESCAMBIA		4418-1-52-01	
WETLAND DELINEATION SHEET				SHEET NO.	
53				/ 53	

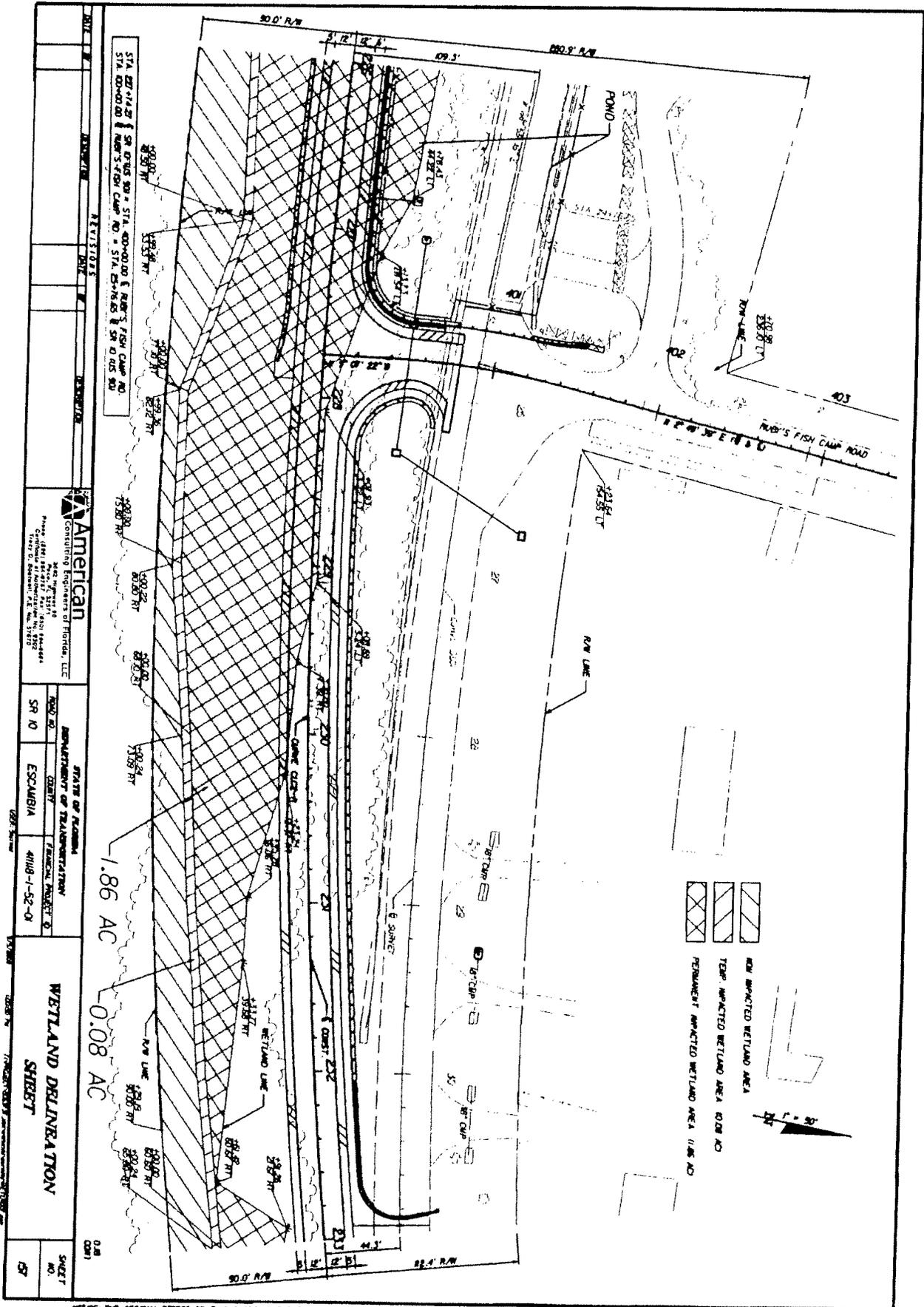
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 605-23.003, F.A.C.



NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 609-23.003, F.A.C.

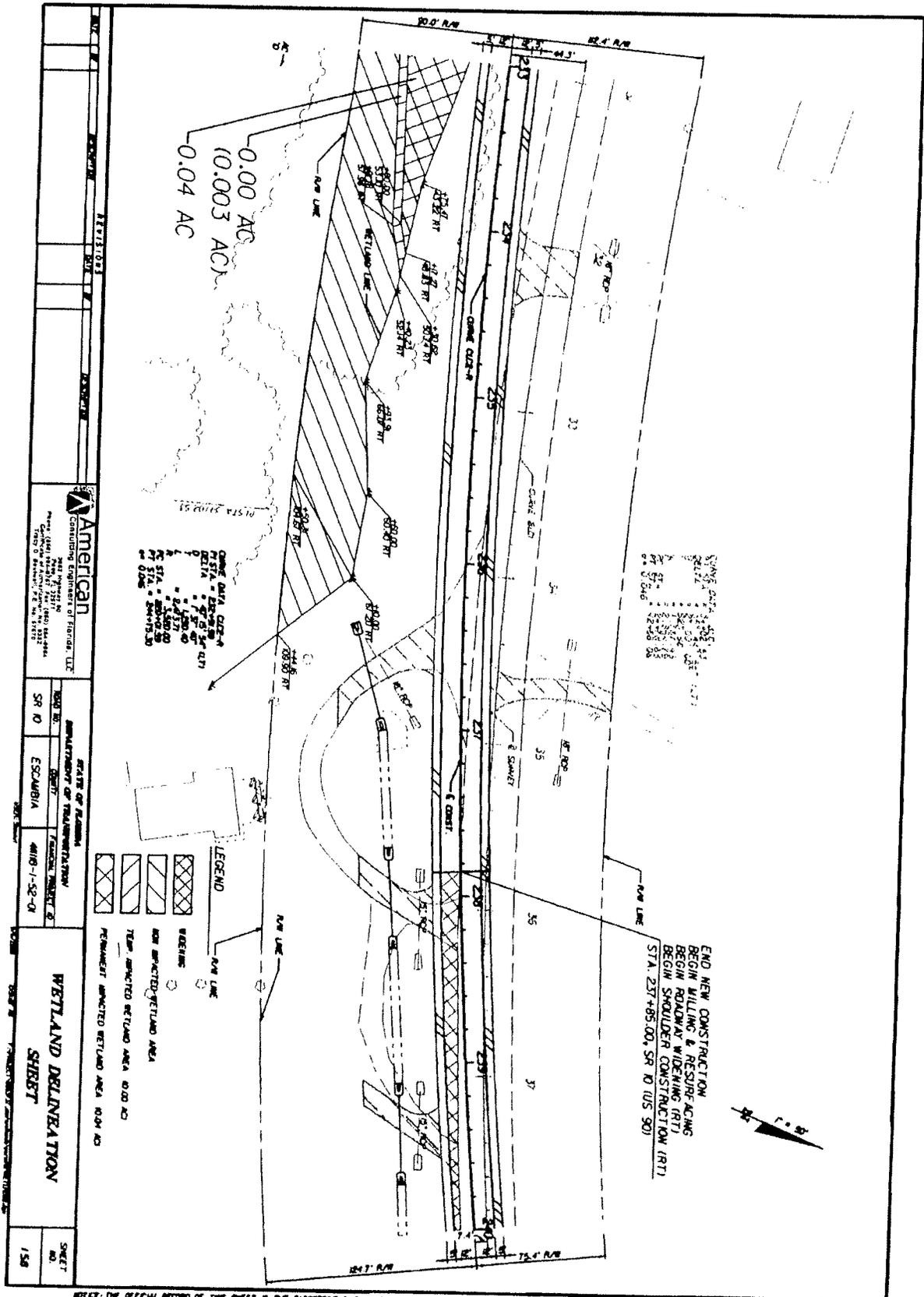






DATE	REVISIONS	BY	CHK
 <b>American</b> Consulting Engineers of Florida, LLC 1401 W. 17th Ave., Suite 100 Ft. Lauderdale, FL 33304 Phone: (954) 581-1111 Fax: (954) 581-1112 Email: info@american-engineers.com			
STATE OF FLORIDA		DEPARTMENT OF TRANSPORTATION	
PROJECT NO.	SR 10	COUNTY	ESCAMBIA
PROJECT NAME	4118-1-52-01		
WETLAND DELINEATION SHEET			
SHEET NO.	57		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68B-12.003, F.A.C.

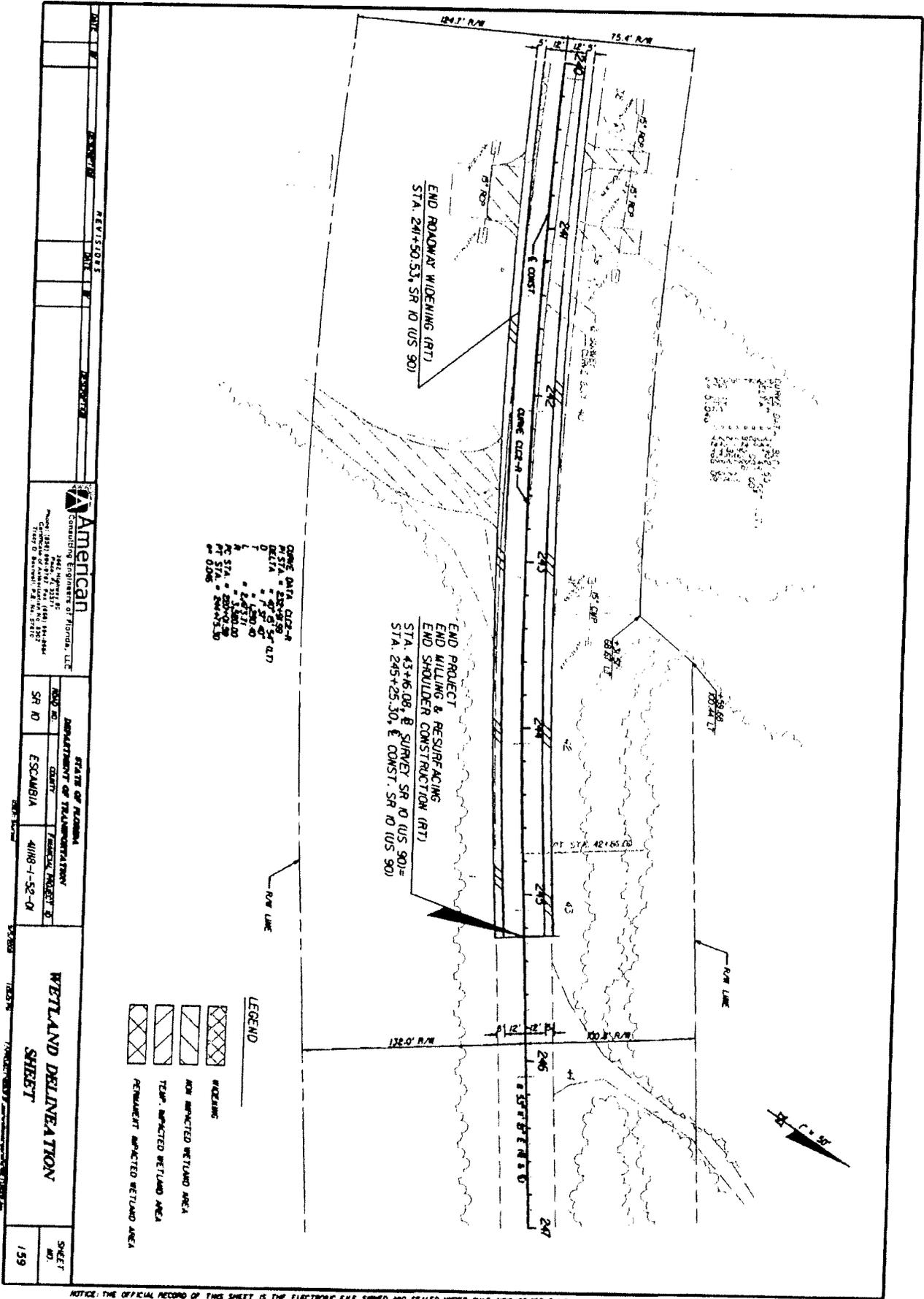


**American**  
Consulting Engineers of Florida, L.P.  
1000 N. W. 10th St., Suite 100  
Fort Lauderdale, FL 33304  
Tel: (954) 571-1111  
Fax: (954) 571-1112

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION  
SR NO. ESCAMBA  
4416-1-52-01

WETLAND DELIBERATION  
SHEET

SHEET NO. 158

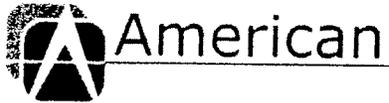


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 PT STA. = 241.11  
 AT STA. = 242.22  
 IN 0.06

**LEGEND**  
 EXISTING  
 NEW IMPACTED WETLAND AREA  
 TEMP. IMPACTED WETLAND AREA  
 PERMANENT IMPACTED WETLAND AREA

NO.	REVISIONS	DATE	BY	CHKD.
<b>AMERICAN</b> Consulting Engineers of Florida, LLC 1442 W. WINDY HILL RD. SUITE 100 TAMPA, FL 33613 TEL: 813-973-1111 FAX: 813-973-1112 WWW.AMERICAN-CEFL.COM				
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. _____ COUNTY _____ FEDERAL PROJECT NO. _____ SR NO. ESCAMBIA 4108-1-52-01				
<b>WETLAND DELINEATION SHEET</b>				SHEET NO. <b>159</b>

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE STORED AND SEALED UNDER RULE 605-23.003, F.A.C.



American Consulting Engineers of Florida, LLC

4489 Woodbine Road • Pace, Florida 32571  
Tel 850.994.9757 • Fax 850.994.9684  
american@ace-fla.com • www.ace-fla.com

## Wetland Impacts

### SR 10 (US 90) OVER PERDIDO RIVER BRIDGE REPLACEMENT

#### Sheet Totals

Sheet 153	Temp. Impacts:	0.12 AC
	Perm. Impacts:	0.00 AC
Sheet 154	Temp. Impacts:	0.19 AC
	Perm. Impacts:	0.44 AC
Sheet 155	Temp. Impacts:	1.02 AC
	Perm. Impacts:	0.37 AC
Sheet 156	Temp. Impacts:	0.08 AC
	Perm. Impacts:	0.94 AC
Sheet 157	Temp. Impacts:	0.08 AC
	Perm. Impacts:	1.86 AC
Sheet 158	Temp. Impacts:	0.00 AC
	Perm. Impacts:	0.04 AC
Sheet 159	Temp. Impacts:	0.00 AC
	Perm. Impacts:	0.00 AC

#### Project Totals

Temp. Impacts: 1.49 AC  
Perm. Impacts: 3.65 AC

Total Impacts 5.14 AC

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SEP 15 2008  
JACKSONVILLE DISTRICT  
USACE

INDEX OF STRUCTURE PLANS

SHEET NO.	SHEET DESCRIPTION
B-01	KEY SHEET
B-02	GENERAL NOTES
B-03	PLAN AND ELEVATION (1 OF 3)
B-04	PLAN AND ELEVATION (2 OF 3)
B-05	PLAN AND ELEVATION (3 OF 3)
B-06	BRIDGE HYDRAULIC RECOMMENDATIONS
B-07	REMOVAL OF EXISTING STRUCTURES
B-08	SOIL BORING LOCATIONS
B-09	REPORT OF CORE BORINGS (1 OF 4)
B-10	REPORT OF CORE BORINGS (2 OF 4)
B-11	REPORT OF CORE BORINGS (3 OF 4)
B-12	REPORT OF CORE BORINGS (4 OF 4)
B-13	FOUNDATION LAYOUT (1 OF 3)
B-14	FOUNDATION LAYOUT (2 OF 3)
B-15	FOUNDATION LAYOUT (3 OF 3)
B-16	PILE DATA TABLE
B-17	END BEAM 1
B-18	END BEAM 10
B-19	END BEAM DETAILS
B-20	INTERMEDIATE BEAMS 2 THRU 9
B-21	INTERMEDIATE BEAM DETAILS
B-22	ASHTO BEAM LAYOUT DETAILS
B-23	TYPICAL SECTION THROUGH BRIDGE DECK
B-24	FINISH GRADE ELEVATIONS (1 OF 3)
B-25	FINISH GRADE ELEVATIONS (2 OF 3)
B-26	FINISH GRADE ELEVATIONS (3 OF 3)
B-27	SUPERSUBSTRUCTURE (1 OF 3)
B-28	SUPERSUBSTRUCTURE (2 OF 3)
B-29	SUPERSUBSTRUCTURE (3 OF 3)
B-30	SUPERSUBSTRUCTURE DETAILS (1 OF 2)
B-31	SUPERSUBSTRUCTURE DETAILS (2 OF 2)
B-32	ASHTO TYPE III BEAM - TABLE OF BEAM VARIABLES
B-33	BUILDUP & DEFLECTION DATA TABLE FOR I-BEAMS
B-34	APPROACH SLAB (1 OF 2)
B-35	APPROACH SLAB (2 OF 2)
B-36	SLOPE PROTECTION DETAILS (1 OF 3)
B-37	SLOPE PROTECTION DETAILS (2 OF 3)
B-38	SLOPE PROTECTION DETAILS (3 OF 3)
B-39	REINFORCING BAR LIST
B-40	LOAD RATING CHARTS

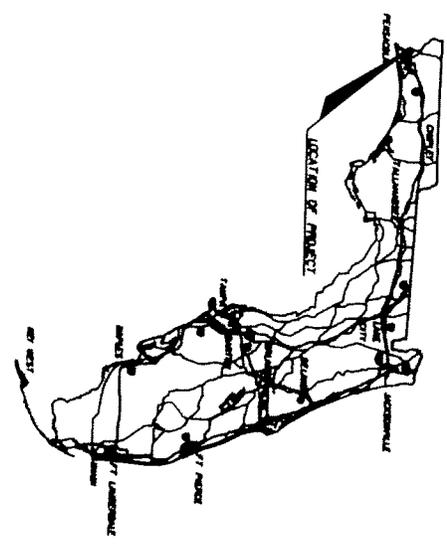
REVISIONS

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 41118-1-52-01  
ESCAMBIA COUNTY, FLORIDA (48010)  
BALDWIN COUNTY, ALABAMA  
STATE ROAD NO. 10 (US 90) OVER PERDIDO RIVER  
BRIDGE NO. 480218

STRUCTURE PLANS



STRUCTURE SHOP DRAWINGS  
TO BE SUBMITTED TO:

SCOTT ROBB, P.E.  
C/O AMERICAN CONSULTING ENGINEERS OF FLORIDA, LLC  
401 LAND O' LAKES BOULEVARD  
LAND O' LAKES, FLORIDA 34639  
(813) 280-8200

PLANS PREPARED BY:  
**American**  
Consulting Engineers of Florida, LLC

4111 Land O' Lakes Blvd., Suite 210  
Land O' Lakes, Florida 34639  
Phone: (13) 998-2800 Fax: (813) 998-1908  
Cell: (13) 998-2800  
Vendor No. VP-01518101 No. 8302  
Contract No. C-9148

NOTE: THE SCALE OF THESE PLANS MAY  
HAVE CHANGED DUE TO REVISIONS.

FDOT PROJECT MANAGER: BILL HOWELL

DATE	BY	DESCRIPTION

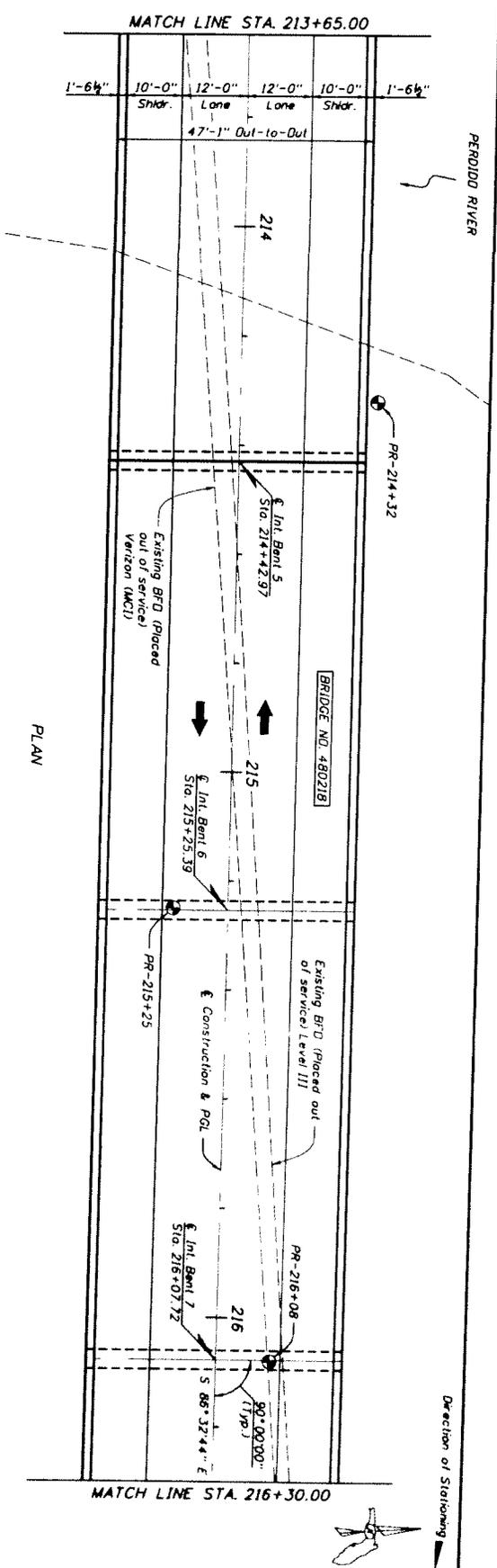
SR 10 (US 90) OVER Perdido River Bridge Replacement  
JOB NO. 480218  
DATE: 11/15/2007

STRUCTURE PLANS  
ENGINEER OF RECORD: SCOTT ROBB, P.E.  
P.L. NO. 30387

FISCAL YEAR	SHEET NO.
10	B-01

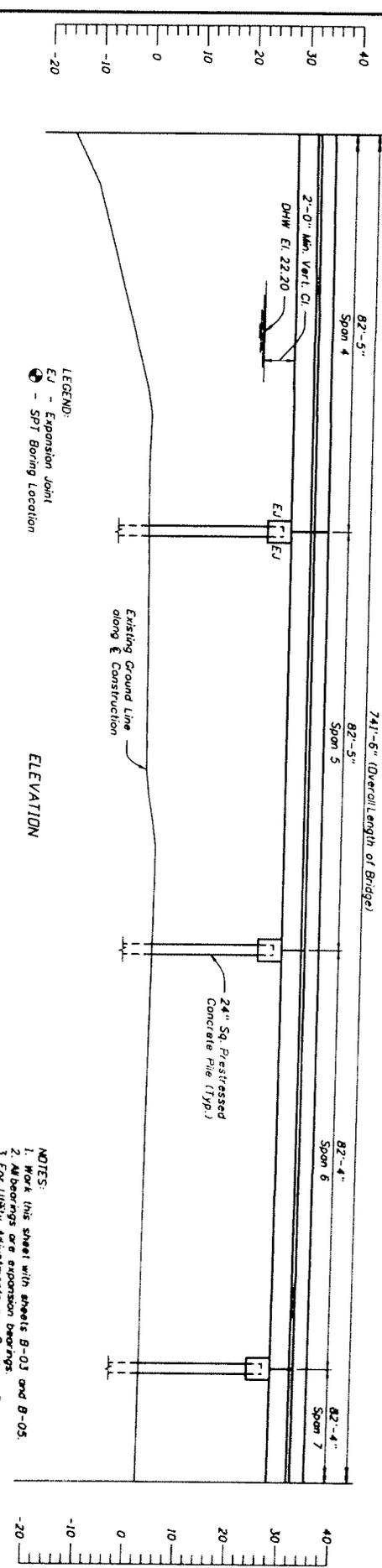






LEGEND:  
BFD = Buried Fiber Optic

PLAN



LEGEND:  
EU - Expansion Joint  
● - SPT Boring Location

ELEVATION

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

NO.	DATE	BY	DESCRIPTION
1	11-03	JLV	DESIGN
2	11-06	SK	REVISED
3	11-06	LEP	REVISED
4	11-06	DKC	REVISED
5	11-06	SK	REVISED

NO.	DATE	BY	DESCRIPTION
1	11-03	JLV	DESIGN
2	11-06	SK	REVISED
3	11-06	LEP	REVISED
4	11-06	DKC	REVISED
5	11-06	SK	REVISED

NO.	DATE	BY	DESCRIPTION
1	11-03	JLV	DESIGN
2	11-06	SK	REVISED
3	11-06	LEP	REVISED
4	11-06	DKC	REVISED
5	11-06	SK	REVISED

NO.	DATE	BY	DESCRIPTION
1	11-03	JLV	DESIGN
2	11-06	SK	REVISED
3	11-06	LEP	REVISED
4	11-06	DKC	REVISED
5	11-06	SK	REVISED

BRIDGE NO. 480218

FLORIDA DEPARTMENT OF TRANSPORTATION

SR 10 ESCAMBA

4/11/18-1-52-01

SR 10 (US 901 OVER PEROIDO RIVER)

BRIDGE NO. 480218

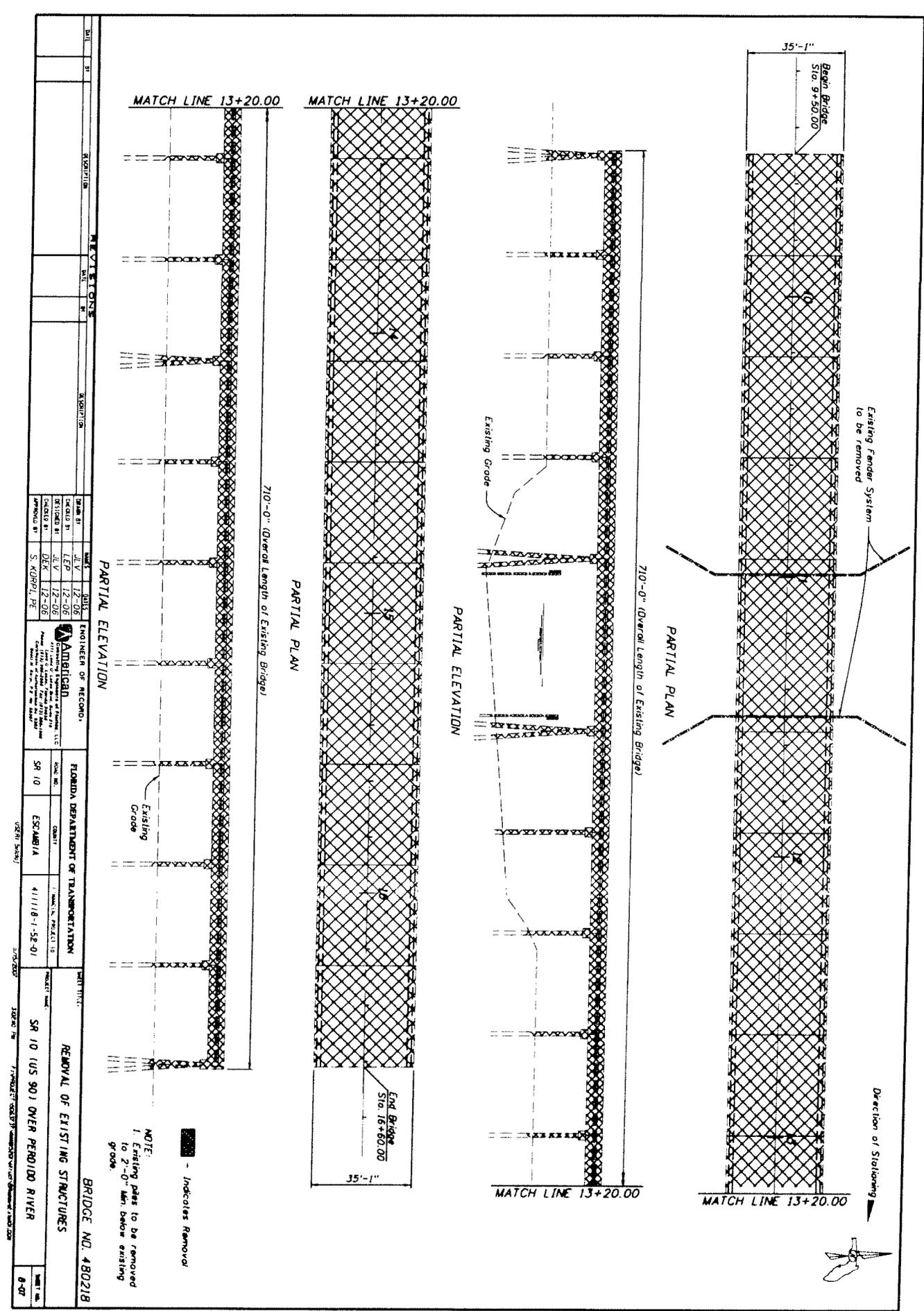
BRIDGE NO. 480218

PLM AND ELEVATION (2 OF 3)

- NOTES:
1. Work this sheet with sheets B-03 and B-05.
  2. All bearings are expansion bearings.
  3. For Utility Adjustments, see Roadway Plans.







NO.	DATE	DESCRIPTION	BY	CHECKED BY	APPROVED BY
1	12-06	REVISED	LEP	LEP	S. KOPPEL, P.E.
2	12-06	REVISED	LEP	LEP	S. KOPPEL, P.E.
3	12-06	REVISED	LEP	LEP	S. KOPPEL, P.E.
4	12-06	REVISED	LEP	LEP	S. KOPPEL, P.E.

ENGINEER OF RECORD <b>AMERICAN</b> CONSULTING ENGINEERS OF FLORIDA, LLC 1100 N. UNIVERSITY BLVD., SUITE 100 GAITHERSBURG, MD 20878 PHONE: 301-941-1100 FAX: 301-941-1101 WWW.AMERICANENGINEERSOFFLORIDA.COM	FLORIDA DEPARTMENT OF TRANSPORTATION SR 10 ESCAMBA 41118-1-58-01	BRIDGE NO. 480218 REMOVAL OF EXISTING STRUCTURES SR 10 (US 90) OVER PENOLDO RIVER
--	--	---



# Florida Department of Environmental Protection

Northwest District Office  
160 Governmental Center, Suite 308  
Pensacola, Florida 32502-5794

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

RECEIVED

MAY 10 2008

## WETLAND RESOURCE PERMIT

JACKSONVILLE DISTRICT  
USACE

### PERMITTEE/AUTHORIZED ENTITY:

Florida Department of Transportation  
Attn: Joy Giddens  
1074 Highway 90  
Chipley, FL 32428

### Permit/Authorization Number:

17-0281915-001-DF  
Date of Issue: May 7, 2008  
Expiration Date: May 7, 2013

County: Escambia  
Project: Perdido River Bridge  
reconstruction

This permit is issued under the authority of Part IV of Chapter 373, F.S., and Title 62, Florida Administrative Code (F.A.C.). The activity is not exempt from the requirement to obtain a Wetland Resource Permit. The Department is responsible for reviewing and taking final agency action on this activity.

This permit also constitutes a finding of consistency with Florida's Coastal Zone Management Program, as required by Section 307 of the Coastal Management Act.

A copy of this authorization also has been sent to the U.S. Army Corps of Engineers (USACOE) for review. The USACOE may require a separate permit. Failure to obtain this authorization prior to construction could subject you to enforcement action by that agency. You are hereby advised that authorizations also may be required by other federal, state, and local entities. This authorization does not relieve you from the requirements to obtain all other required permits and authorizations.

The above named permittee is hereby authorized to construct the work shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof. **This permit to use sovereign submerged lands is subject to the limits, conditions, and locations of work shown in the attached drawings, and is also subject to the attached 15 General Conditions and 24 Specific Conditions, which are a binding part of this permit.** You are advised to read and understand these drawings and conditions prior to

"More Protection, Less Process"  
[www.dep.state.fl.us](http://www.dep.state.fl.us)

U.S. Army Corps of Engineers  
Permit # SAF-2007-5634  
Date: 8/18/08  
Attachment: 2





# Florida Department of Environmental Protection

Northwest District Office  
160 Governmental Center, Suite 308  
Pensacola, Florida 32502-5794

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

May 7, 2008

Florida Department of Transportation  
Attn: Joy Giddens  
1074 Highway 90  
Chipley, FL 32428

Dear Ms. Giddens:

Enclosed is Wetland Resource Permit, No. 17-0281915-001-DF, issued pursuant to Part IV of Chapter 373, Florida Statutes, and Title 62, Florida Administrative Code.

If you have any questions about this document, please contact me at (850) 595-8300 ext. 1134.

Sincerely,

Andy Joslyn  
Environmental Supervisor  
Submerged Lands and  
Environmental Resources Program

commencing the authorized activities, and to ensure the work is conducted in conformance with all the terms, conditions, and drawings. If you are utilizing a contractor, the contractor also should read and understand these drawings and conditions prior to commencing the authorized activities. Failure to comply with all drawings and conditions shall constitute grounds for revocation of the permit and appropriate enforcement action.

#### **ACTIVITY DESCRIPTION:**

The proposed bridge reconstruction calls for the design and construction of a new bridge and approaches on the south side of the existing facility. The necessary additional right-of-way has been obtained.

The total area of wetland within the project right-of-way in the State of Florida is 6.3 acres in size. The proposed bridge replacement will permanently fill 3.2 acres of wetlands and temporarily impact (cleared and/or temporarily filled for construction access) 1.7 acres of DEP wetlands. Unavoidable wetland impacts will be mitigated for in accordance with Florida Statute, Chapter 373.4137.

#### **ACTIVITY LOCATION:**

The proposed project limits extend along SR 10 (US 90) approximately three tenths of a mile west of the Florida / Alabama State Line (MP -0.30) to Ruby's Fish Camp Road (MP 0.307), Perdido River, Pensacola, Class III Waters of the State, Prohibited Shellfish Harvesting Area, Section 10, Township 1-south, Range 32-west, Latitude 30° 31' 20"N, Longitude 87° 26' 42"W, Escambia County.

#### **GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to sections 403.141, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- a. Have access to and copy any records that must be kept under conditions of the permit;
- b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and

- c. Sample or monitor any substances or parameters at any location reasonable necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
  - a. A description of and cause of noncompliance; and
  - b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages that may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.
9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard.
11. This permit is transferable only upon Department approval in accordance with rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the Department approves the transfer.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. This permit also constitutes Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500).
14. The permittee shall comply with the following:
  - a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
  - b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
  - c. Records of monitoring information shall include:
    1. the date, exact place, and time of sampling or measurements;
    2. the person responsible for performing the sampling or measurements;
    3. the dates analyses were performed;
    4. the person responsible for performing the analyses;
    5. the analytical techniques or methods used; and
    6. the results of such analyses.
15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law that is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

**SPECIFIC CONDITIONS:**

1. At no time shall construction material of any type be discharged to wetlands or other surface waters outside the limits of the permitted impact areas.
2. The applicant shall be responsible for obtaining all necessary right-of-way authorizations and property access authorizations prior to the commencement of the proposed work.
3. If during the progress of this project prehistoric or historic artifacts, such as pottery or ceramics, stone tools or metal implements, dugout canoes, or any other physical remains that could be associated with Native American cultures or early colonial or American settlement are encountered at any time within the project site area, the permitted project should cease all activities involving subsurface disturbance in the immediate vicinity of such discoveries. The permittee, or their designee, shall contact the Florida Department of State, Division of Historical Resources, Review and Compliance Section at (850) 245-6333 or (800) 847-7278, as well as the appropriate pitting agency office. Project activities should not resume without verbal and/or written authorization from the Division of Historical Resources. In the event that unmarked human remains are encountered during permitted activities, all work shall stop immediately and the proper authorities notified in accordance with Section Chapter 872.05, Florida Statutes.
4. At least 48 hours prior to commencement of work authorized by this permit, the permittee shall notify the Department of Environmental Protection, Submerged Lands & Environmental Resources Program, Compliance and Enforcement Section, Suite 202, Northwest District Office, 160 Governmental Center, Pensacola, Florida 32501-5794, in writing. The Department telephone number for reporting problems, malfunctions or exceedances under this permit is (850) 595-8300 during normal working hours.
5. Prior to construction, the limits of the proposed fill areas shall be clearly flagged and/or staked particularly in areas adjacent to remaining natural wetlands. All construction personnel shall be shown the location(s) of all wetland areas outside of the construction area so as to prevent encroachment from heavy equipment into these areas.
6. If the approved permit drawings conflict with the specific conditions, then the specific conditions shall prevail.

7. All storage or stockpiling of tools or materials (construction materials, pilings, etc.) shall be limited to uplands or within the impact areas authorized by this project. All cleared vegetation, excess material, trash, garbage and any other type of debris shall be removed from wetlands/waters of the state within 14 days of completion of that section of work authorized in this permit.

8. All stockpiled fill material to be used in future construction activities of the project shall be maintained and stabilized in such a manner as to prevent possible erosion or turbid discharges into wetlands or open waters following rain events. Methods of stabilization shall include, but are not limited to the use of staked hay bales, staked filter cloth, sodding, seeding, and mulching; staged construction; and the installation of turbidity screens around the immediate stockpiled fill area.

9. The Permittee shall be responsible for ensuring that turbidity levels do not exceed background levels. The following measures shall be taken by the permittee whenever turbidity levels within the waters of the State exceed background.

- a. Immediately cease all work contributing to the water quality violation.
- b. Modify the work procedures that were responsible for the violation, install floating turbidity screens with weighted skirts that extend within 1 ft. of the bottom around each piling or pile group. The screen shall remain in place for the duration of the procedure causing turbidity levels to exceed permitted values.
- c. Alternative turbidity control methods may be employed provided these methods maintain turbidity levels within permitted levels.
- d. Turbidity control devices shall be maintained in good working order as necessary so that there are no violations of state water quality standards.
- e. Notify the Bureau of Submerged Lands and Environmental Resources, Compliance and Enforcement Section within 24 hours of the time the violation is first detected.

10. The project shall at all times comply with applicable State Water Quality Standards, namely:

62-302.500 -Minimum Criteria for All Waters at All Times and All Places;

62-302.510 - Minimum Criteria for all Surface Waters; and  
62-302.700 - Special Protection - Outstanding Florida Waters, Outstanding National Resource Waters

11. All wetland areas or water bodies outside the specific limits of construction authorized by this permit must be protected from erosion, siltation, scouring and/or dewatering. Turbidity barriers/erosion control devices shall be installed prior to any excavation or placement of fill material and shall be maintained in effective condition at all locations and at all times until construction is completed and disturbed areas are stabilized. Thereafter, the permittee must remove the barriers. At no time shall there be any discharge in violation of the water quality standards in 62-302 F.A.C. Turbidity/erosion controls shall be installed prior to any clearing, excavation or placement of fill material and shall be maintained in an effective condition at all locations until construction is completed, disturbed areas are stabilized, and turbidity levels have fallen to less than ambient background. The permittee shall be responsible for ensuring that erosion control devices/procedures are inspected/maintained daily during all phases of construction authorized by this permit. Once these conditions are met, the turbidity and erosion control devices shall be removed within 14 days. Staked filter cloth shall be positioned at the edge of the permitted fill slopes where they are adjacent to wetlands in order to prevent turbid run-off and erosion.
12. Any damage to wetlands/littoral zone area as a result of construction work shall be restored to pre-construction elevations and then replanted with vegetation of the size, density, and species that exist in the adjacent areas. The restoration shall be completed within 30 days of completion of the bridge construction.
13. The permittee and its contractors shall adhere to the standard specifications for prevention, control and abatement of erosion and water pollution, as stated in Section 104 of the Florida Department of Transportation - Standard Specifications for Road and Bridge Construction, and to any stricter standards as required in these Specific Conditions.
14. Best management practices for controlling erosion and turbidity, including but not limited to the use of staked hay bales, turbidity curtains, and staked filter cloth, shall be utilized and maintained at all times during project construction to prevent erosion, sedimentation and the discharge of turbid water into wetlands and other waters of the State outside of the authorized areas of impact. These erosion and turbidity control devices shall be maintained until post-construction stabilization has been achieved in the area.

15. The permittee shall assign a qualified environmental scientist(s), who is independent of the construction contractors, to be responsible for oversight and quality assurance of the construction contractors inspections of the erosion and turbidity control devices, for overseeing turbidity monitoring, for keeping a inspection log, and for ensuring that the effectiveness of each erosion and turbidity control device is maintained at all times until post-construction turbidity levels in open water are at ambient levels and vegetative stabilization is achieved on land. The inspection log will be prepared in accordance with FDOT Standard Specifications and forms. The inspection log shall note the date that the control devices were installed, the type of devices, occurrence of precipitation, adequacy of devices, turbidity levels, corrective or maintenance measures required, and the date that the devices were removed. Turbidity monitoring shall be conducted as specified in the **MONITORING REQUIRED** section of this permit. The log shall be kept up to date, shall be made available upon the Department's request, and shall be submitted to the Northwest District Wetland Resources Program, Compliance-Enforcement Section with the final semiannual narrative report. The name, address, phone number, and qualifications of the environmental scientist(s) shall be indicated in the construction commencement notice and the semi-annual narrative reports.

16. If dewatering is necessary for any construction activities associated with this project, it shall be accomplished by pumping the water into functional, upland detention ponds. The capacity of the ponds and the management of pumping rates and discharges shall be adequate to control turbidity such that the turbidity level of the effluent is less than 29 NTUs above ambient levels.

17. No lead-based paint shall be used on the bridges associated with this project. Additionally, no hazardous materials used in association with this project shall be stored within or over the limits of the Department's jurisdiction.

18. Fueling of barge mounted equipment, for example, cranes, compressors, etc. will be from double-walled fuel tanks transported and loaded onto the barge that supports the equipment to be fueled. No refueling will occur across open water.

19. Construction debris shall not be discarded into open waters or wetlands. For that portion of the material that is suitable for artificial reef deployment, the material must first meet the criteria of the Escambia County Large Area Artificial reef site and be deployed under the direction of the Escambia County Marine Resources Division. That

portion of the construction debris not suitable for deployment to artificial reef sites shall be disposed of in an approved solid waste disposal site.

20. There shall be no discharge of oil, greases, solid waste or construction debris in Escambia Bay from any activity associated with this project.
21. The contractor(s) shall make portable toilets available at the bridge construction site and, if possible, on construction barges. The portable toilets are to be serviced on a regular basis and at no time shall the contents be released into the Perdido River or other waters of the State.
22. Unavoidable wetland impacts shall be mitigated for in accordance with Florida Statute, Chapter 373.4137.

#### **MONITORING REQUIRED**

23. Turbidity- During installation of the first bridge piling and removal of the first existing bridge piling, turbidity samples shall be taken at 25, 50 and 100 foot distances upstream and downstream from the piling at top, mid and bottom (one foot above bottom) elevations. If test results indicate turbidity levels below state standards then additional sampling will not be required. If, however, the methodology for piling installation or removal changes then additional monitoring may be required depending on the specific method of construction.

#### **REPORTING**

24. Semi-annual narrative reports shall be submitted by the Permittee or the designated responsible party to the DEP Northwest District Office at the address on the letterhead of this permit. The reports shall indicate the status of the project and shall include the following information:
  - a. Brief description and extent of work (dredging, filling, construction, etc.) completed since the previous report or since permit was issued. Indicate on copies of the permit drawings those areas where work has been completed.
  - b. Brief description and extent of work (dredging, construction, planting, etc.) anticipated in the next six months. Indicate on copies of the permit drawings those areas anticipated that work will be done.

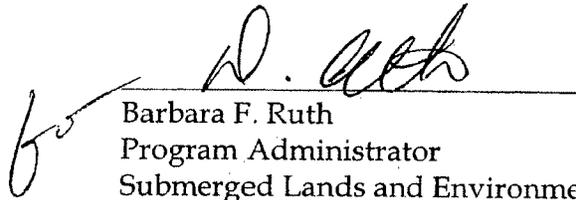
Permittee: Florida Department of Transportation  
Perdido River Bridge Replacement  
File No.: 17-0281915-001-DF  
Page 11 of 12

c. Brief description of problems encountered and how those problems were resolved.

The first semi-annual report is due six months from the date of permit issuance. The last status report shall be submitted within 30 days after the completion of the construction activities authorized by his permit.

Executed in Escambia County Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

  
Barbara F. Ruth  
Program Administrator  
Submerged Lands and Environmental  
Resource Program

Cc: U.S. Army Corps of Engineers  
Thompson Engineering, Agent  
Escambia County Property Appraiser

Enclosure: Location Map  
Project Drawings

Permittee: Florida Department of Transportation  
Perdido River Bridge Replacement  
File No.: 17-0281915-001-DF  
Page 12 of 12

**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy clerk hereby certifies that this permit including all copies were mailed before the close of business on May 7<sup>th</sup>, 2008 to the above listed persons.

**FILING AND ACKNOWLEDGMENT**

FILED, on this date, pursuant to 120.52(9),  
Florida Statutes, with the designated Department Clerk,  
receipt of which is hereby acknowledged.

Clerk

Date

Cathy Brewu

May 7<sup>th</sup>, 2008

Prepared By: Elizabeth Mullins

61 pages attached

AS-BUILT CERTIFICATION BY PROFESSIONAL ENGINEER

Submit this form and one set of as-built engineered drawings to the U.S. Army Corps of Engineers, Enforcement Branch, Post Office Box 4970, Jacksonville, Florida 32232-0019. If you have questions regarding this requirement, please contact the Enforcement Branch at 904-232-2907.

1. Department of the Army Permit Number: \_\_\_\_\_

2. Permittee Information:

Name \_\_\_\_\_

Address \_\_\_\_\_

3. Project Site Identification:

Physical location/address \_\_\_\_\_

4. As-Built Certification:

I hereby certify that the authorized work has been accomplished in accordance with the Department of the Army permit with any deviations noted below. This determination is based upon on-site observation, scheduled and conducted by me or by a project representative under my direct supervision. I have enclosed one set of as-built engineering drawings.

\_\_\_\_\_  
Signature of Engineer

\_\_\_\_\_  
Name (Please type)

\_\_\_\_\_  
Florida Reg. Number

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Address

(Affix Seal)

\_\_\_\_\_  
City State ZIP

\_\_\_\_\_  
Date

\_\_\_\_\_  
Telephone Number

Deviations from the approved plans and specifications: (attach additional pages if necessary)

U.S. Army Corps of Engineers  
Permit # 505-2007-5634  
Date: 2/18/08  
Attachment: 3

