

Jeb Bush  
Governor

# Department of Environmental Protection

Panama City Branch Office  
2353 Jenks Ave  
Panama City, FL 32405-4389  
(850) 872-4375

Colleen M. Castille  
Secretary

RECEIVED  
FEB 27 2006  
Environmental Management

**CERTIFIED - RETURN RECEIPT REQUESTED**

February 22, 2006

Florida Department of Transportation  
c/o Joy Giddens  
1074 Highway 90  
Chipley, Florida 32428

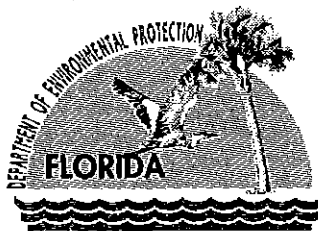
Dear Ms. Giddens:

Enclosed is Wetland Resource Permit Authorization No. 07-0247586-005-DF, issued pursuant to Part IV of Chapter 373, Florida Statutes, and Title 62, Florida Administrative Code.

Appeal rights for you as the permittee and for any affected third party are described in the text of the permit along with conditions, which must be met when permitted activities are undertaken. Please review this document carefully to ensure compliance with both the general and specific conditions contained herein. If you have any questions about this document, please contact me at (850) 872-4375 ext. 118.

Sincerely,

Jessica Rivord  
Environmental Specialist  
Submerged Lands and  
Environmental Resources Program



Jeb Bush  
Governor

# Department of Environmental Protection

Panama City Branch Office  
2353 Jenks Ave  
Panama City, FL 32405-4389  
(850) 872-4375

Colleen M. Castille  
Secretary

## WETLAND RESOURCE PERMIT

### PERMITTEE/AUTHORIZED ENTITY:

Florida Department of Transportation  
c/o Joy Giddens  
1074 Highway 90  
Chipley, Florida 32428

### Permit/Authorization Number:

07-0247586-005-DF

Date of Issue: 02/23/2006

Expiration Date: 02/23/2011

County: Calhoun

Project: Wetland Fill/Road enhancements

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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 Consolidated 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 is subject to the limits, conditions, and locations of work shown in the attached drawings, and is also subject to the enclosed 15 General Conditions and 20 Specific Conditions, which are a binding part of this permit and authorization.** You are advised to read and understand these drawings and conditions prior to 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.

"More Protection, Less Process"

Printed on recycled paper.

#### **ACTIVITY DESCRIPTION:**

The project includes drainage improvements and widening of 15.95 miles of SR 73 from SR 71 north to SR 20. The project will impact 3.98 acres of jurisdictional wetlands, 2.13 acres of which will be filled, and 1.8 acres will be excavated, to perform the following road enhancements; Re-shaping of side-slopes, moving the existing grassed drainage swales further from the existing centerline of the road for FDOT safety standards, widening the existing pavement from 20 feet to 34 feet, and extending three existing cross drains. Mitigation shall be associated with the Regional Mitigation Plan pursuant to OGC #99-1877.

#### **ACTIVITY LOCATION:**

The project is located along a 15.95 mile stretch of road on State Road 73, from State Road 71 north to State Road 20 in unnamed wetlands, Class III Waters of the State, Sections 1,2,3,10,11,14,15,22, 23,26,28,33,34,35 , Townships 03, 02 and 01-South, Range 10-West, in Calhoun 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 which 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 transfer is approved by the Department.

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 which 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. If the approved permit drawings conflict with the specific conditions, then the specific conditions shall prevail.
2. 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 other 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 permitting 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.
3. At least 48 hours and no more than one week 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 32502-5794, in writing. The Department telephone number for reporting problems, malfunctions or exceedances under this permit is (850) 595-8300 during normal working hours.
4. The permittee and its contractors shall adhere to the standard specification 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 this permit. The permittee and its contractors shall be responsible for ensuring that turbidity/erosion control devices and procedures are inspected and maintained daily during all phases of construction authorized by this permit until all areas that were disturbed during construction are sufficiently stabilized to prevent erosion, siltation, and turbid discharges.
5. All wetland areas or water bodies, which are outside the specific limits of construction authorized by this permit, must be protected from erosion, siltation, scouring and/or dewatering using best management practices. At no time shall there be any discharge in violation of the water quality standards in Chapter 62-302, Florida Administrative Code. 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 and disturbed areas are stabilized. Erosion controls 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. Floating turbidity barriers shall be installed prior to any excavation or placement of fill material and shall be maintained in effective condition at all locations until construction is completed and disturbed areas are stabilized. Thereafter, the permittee must remove all turbidity/erosion controls within 14 days.

6. If, as a result of construction activities associated with this project, turbidity levels in open waters or wetlands outside of the authorized areas of impact are elevated by 29 or more NTUs above natural background levels, the permittee or the environmental scientist who is responsible for turbidity control shall notify the Pensacola Office, Northwest District Submerged Lands and Environmental Resource Program Compliance section within 24 hours, construction activities shall cease in that section of the project, and immediate corrective action shall be taken by the permittee and its contractors. Construction shall not begin again in that area until the turbidity/erosion control devices have been adequately repaired, replaced or enhanced and turbidity levels are reduced to within 29 NTUs of the natural background levels.

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

8. Any damage to the wetlands as a result of the construction shall be repaired by re-establishing the pre-construction elevations and replanting vegetation of the same species, size and density as that in the adjacent areas. The restoration shall be completed within 30 days of completion of the project and the department shall be notified of its completion within that same 30-day period. Any damage to wetlands/littoral zone area as a result of the construction shall be reported immediately to the DEP Northwest District, 160 Governmental Center, Suite 202, Pensacola, Florida 32502-5794, Phone No. (850) 595-8300.

9. Construction activities within wetlands, including clearing, equipment access and stockpiling of materials, shall be limited to the authorized areas of impact that are shown on the permit drawings. These areas do not necessarily extend to the edge of the right-of-way. Before construction activities begin, the agent and/or the contractor shall mark the limits of the authorized areas of impact with highly visible staked flagging labeled 'wetland line - do not cross'. All construction personnel shall be shown the location(s) of all wetland areas outside of the construction area to prevent encroachment from heavy equipment into these areas. The flagging shall be legible from 25 feet away and shall be posted on 50-foot intervals.

10. The disposal of construction debris from this project shall only take place in an approved solid waste disposal site in accordance with all applicable Federal, State, and local regulations. Best management practices shall be used at all times during the demolition of the bridge or portion of the bridge such that construction debris is not discarded into open waters or wetlands.

11. No lead-based paint shall be used on the bridge construction associated with this project. No hazardous materials, used in association with this project, shall be stored within or over the limits of the Department's jurisdiction. All refueling sites shall be located in uplands.

12. There shall be no storage or stockpiling of tools or materials (i.e., lumber, pilings, equipment) within wetlands, unless specifically approved in the permit.

13. 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. The stockpiled fill shall not be stockpiled in partially constructed stormwater ponds associated with this project.

14. Construction activity shall be confined to the authorized impact areas only. Any unauthorized impacts to adjacent wetlands as a result of construction activities shall be reported by the permittee and its consultants/contractors to the Compliance and Enforcement Section of the Submerged Lands and Environmental Resource Program at (850) 595-8300, within 48 hours of discovering the unauthorized impact.

15. In addition to a wetland resource permit, you are required to obtain a stormwater treatment permit from the Department for the project site. The stormwater application may be reviewed concurrently with the wetland resource application and, in the event a permit is issued, the permit may be a joint wetland resource and stormwater permit. The Northwest Florida Water Management District will not be involved in the stormwater treatment review for this project since it has not been delegated authority to issue stormwater treatment permits for projects which involve dredging and filling. In order to facilitate the Department's stormwater review for this project, please provide the following information:

- a. Complete stormwater management and drainage plans for this project. Include all calculations, volumes, treatment methods, elevations, outfalls, drawdown times, infiltration rates, under-drain sizes and lengths, etc.
- b. A plan view drawing indicating the stormwater collection, transport, and conveyance systems. Indicate all points of discharge into waters of the State.
- c. Cross-sectional views of all structures associated with the stormwater management system. Include all elevations and dimensions.

A set of full-sized construction drawings would be helpful. Please note all calculations submitted to the Department in support of a stormwater treatment permit application must be signed with an original signature, dated and sealed by a professional engineer registered in the state of Florida

16. All material used as fill shall be clean sand/shell material and shall not be contaminated with vegetation, garbage, trash, tires, hazardous, toxic waste or other materials that are not suitable for road construction within waters of the State as so determined by the Department.

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

18. At no time during culvert construction shall jurisdictional wetland connections be severed. Culvert construction/placement activities shall include implementation of functional temporary channels or culverts prior to any fill placement in waterways.



19. A copy of this permit and attached drawings shall be posted at the project site prior to construction commencement and shall remain posted until the project is complete.

**Mitigation Conditions:**

20. Mitigation shall be associated with the Regional Mitigation Plan pursuant to OGC #99-1877.

**RIGHTS OF AFFECTED PARTIES:**

This permit is hereby granted. This action is final and effective on the date filed with the Clerk of the Department unless a sufficient petition for an administrative hearing is timely filed under sections 120.569 and 120.57 of the Florida Statutes as provided below. If a sufficient petition for an administrative hearing is timely filed, this action automatically becomes only proposed agency action on the application, subject to the result of the administrative review process. Therefore, on the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because an administrative hearing may result in the reversal or substantial modification of this action, the applicant is advised not to commence construction or other activities until the deadlines noted below for filing a petition for an administrative hearing or request for an extension of time have expired.

Mediation is not available.

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received by the clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000.

Under rule 62-110.106(4) of the Florida Administrative Code, a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, before the applicable deadline. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon. If a request is filed late, the Department may still grant it upon a motion by the requesting party showing that the failure to file a request for an extension of time before the deadline was the result of excusable neglect.

If a timely and sufficient petition for an administrative hearing is filed, other persons whose substantial interests will be affected by the outcome of the administrative process have the right to petition to intervene in the proceeding. Intervention will be permitted only at the discretion of the presiding officer upon the filing of a motion in compliance with rule 28-106.205 of the Florida Administrative Code.

In accordance with rules 28-106.111(2) and 62-110.106(3)(a)(4), petitions for an administrative hearing by the applicant must be filed within 21 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under section 120.60(3) of the Florida Statutes must be filed within 21 days of publication of the notice or within 21 days of receipt of the written notice, whichever occurs first. Under section 120.60(3) of the Florida Statutes, however, any person who has asked the Department for notice of agency action may file a petition within 21 days of receipt of such notice, regardless of the date of publication.

The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition for an administrative hearing within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57 of the Florida Statutes.

A petition that disputes the material facts on which the Department's action is based must contain the following information:

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

A petition that does not dispute the material facts on which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by rule 28-106.301.


Under sections 120.569(2)(c) and (d) of the Florida Statutes, a petition for administrative hearing must be dismissed by the agency if the petition does not substantially comply with the above requirements or is untimely filed.

Permittee: Florida Department of Transportation  
File No.: 07-0247586-005-DF  
Page 10

This permit constitutes an order of the Department. Subject to the provisions of paragraph 120.68(7)(a) of the Florida Statutes, which may require a remand for an administrative hearing, the applicant has the right to seek judicial review of the order under section 120.68 of the Florida Statutes, by the filing of a notice of appeal under rule 9.110 of the Florida Rules of Appellate Procedure with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000; and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when the order is filed with the Clerk of the Department. The applicant, or any party within the meaning of section 373.114(1)(a) or 373.4275 of the Florida Statutes, may also seek appellate review of the order before the Land and Water Adjudicatory Commission under section 373.114(1) or 373.4275 of the Florida Statutes. Requests for review before the Land and Water Adjudicatory Commission must be filed with the Secretary of the Commission and served on the Department within 20 days from the date when the order is filed with the Clerk of the Department.

Executed in Bay County Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

  
Marlane Castellanos  
Branch Manager

Enclosure:    Location map  
                 Permit drawings

cc:        U.S. Army Corps of Engineers  
            Brain Bearwood

Permittee: Florida Department of Transportation  
File No.: 07-0247586-005-DF  
Page 11

**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 February 23, 2006 to the above listed persons.

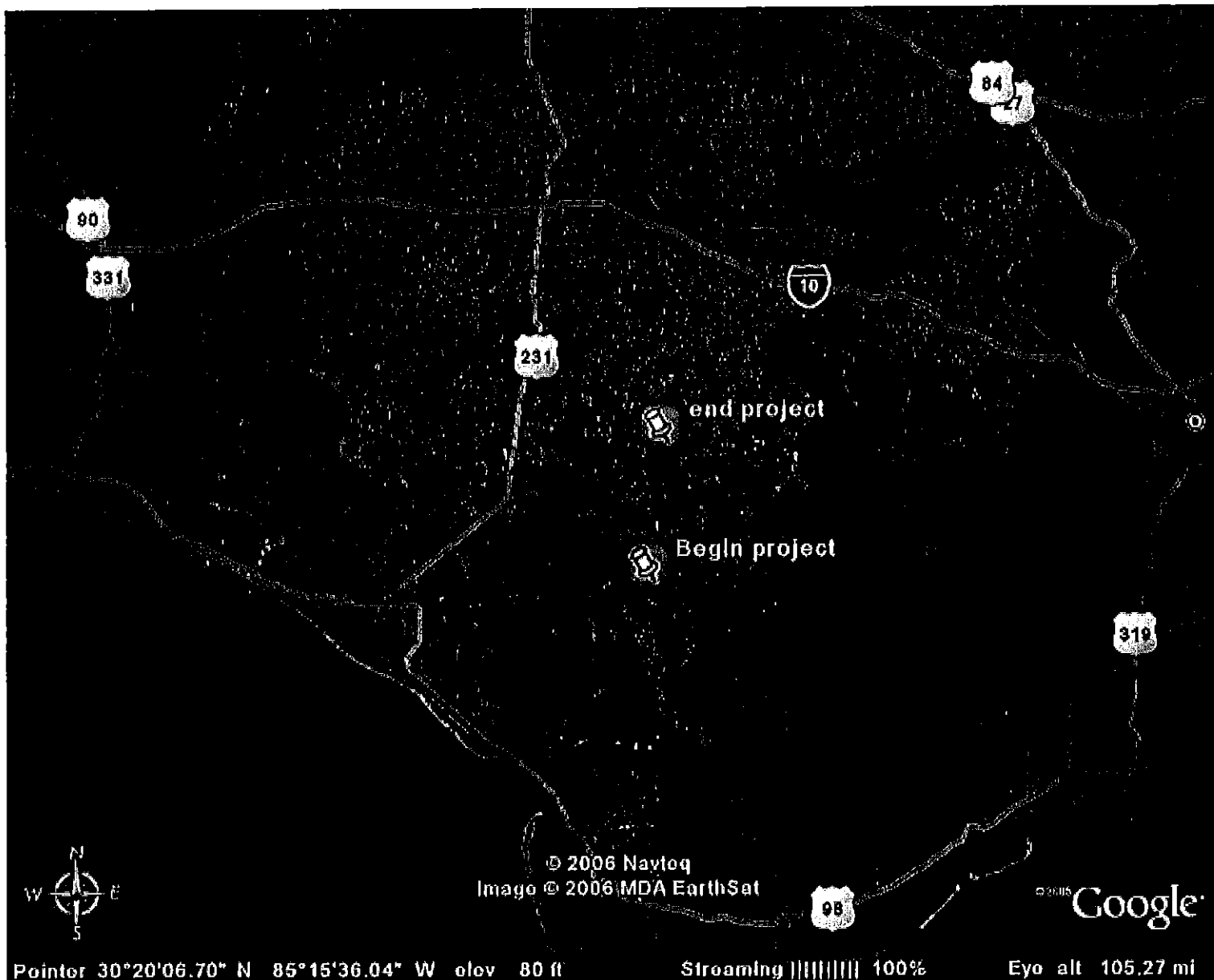
**FILING AND ACKNOWLEDGMENT**

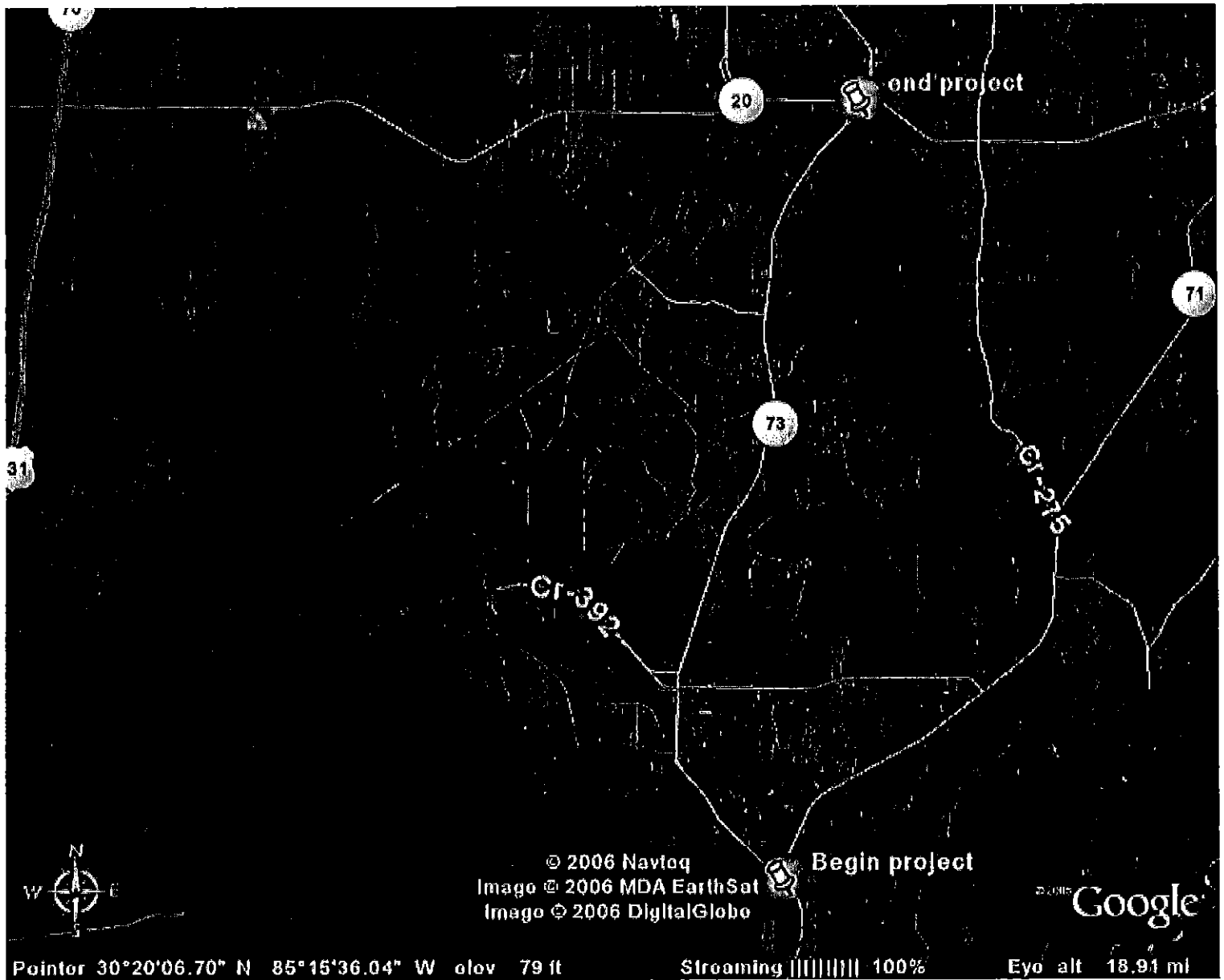
FILED, on this date, pursuant to 120.52(7),  
Florida Statutes, with the designated Department Clerk,  
receipt of which is hereby acknowledged.

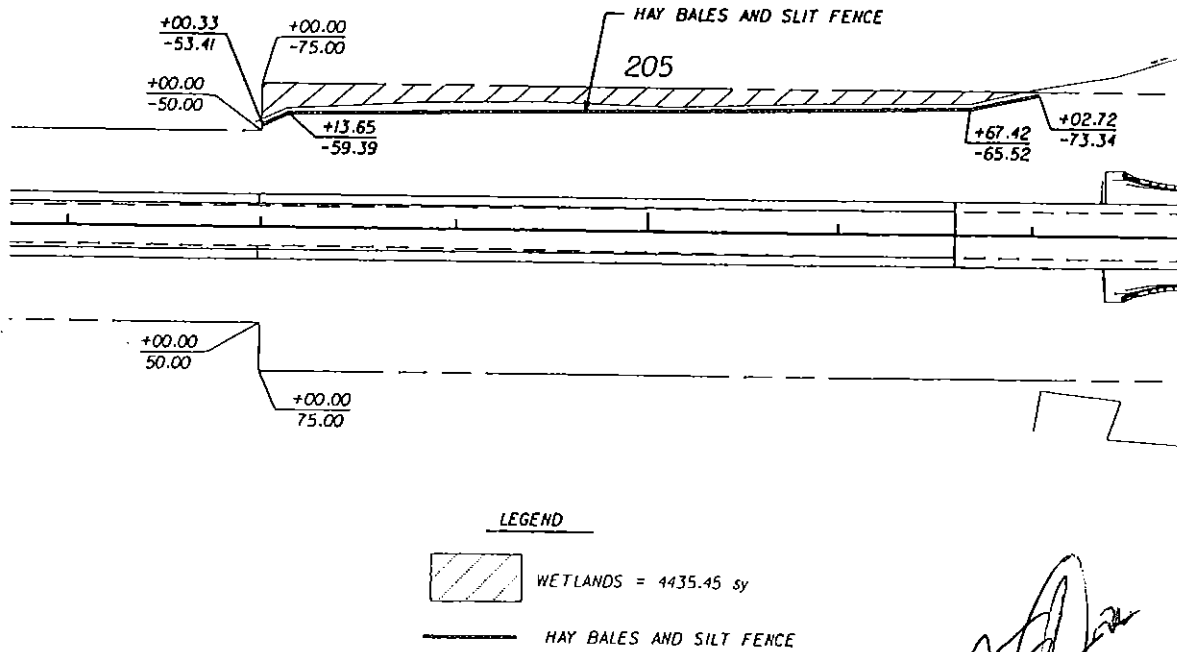
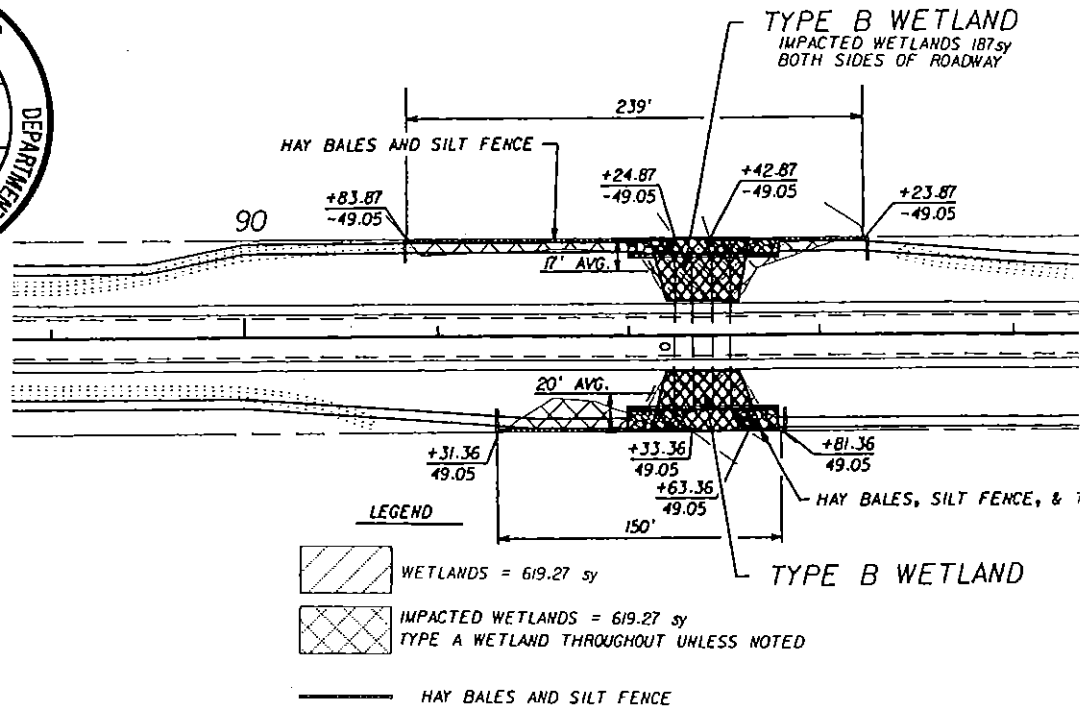
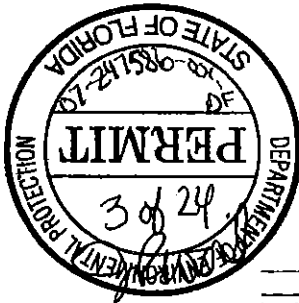
Pamela K. Hagans Clerk February 23, 2006 Date

Prepared By: Jessica Rivord

11 pages enclosed



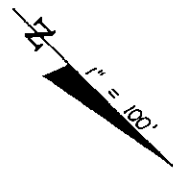
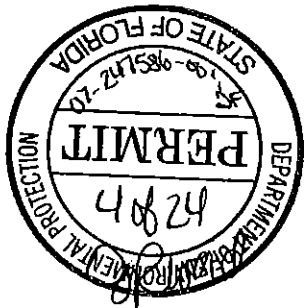




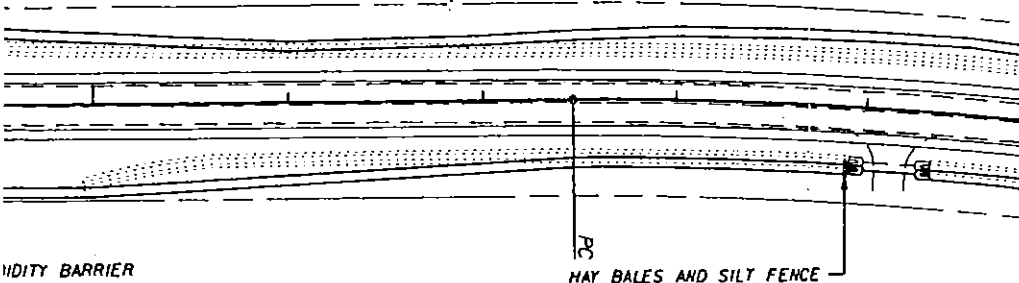
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:  
LEON E. NOBLES III, P.E.  
No. 51452

DAVID H. MELVIN,  
Consulting Engineer  
1428 LAFAYETTE STREET 2931 KERRY FOREST  
MARIANNA, FL 32446 TALLAHASSEE,  
18501 482-3045 18501 671-  
Certificate No. EB-0005637

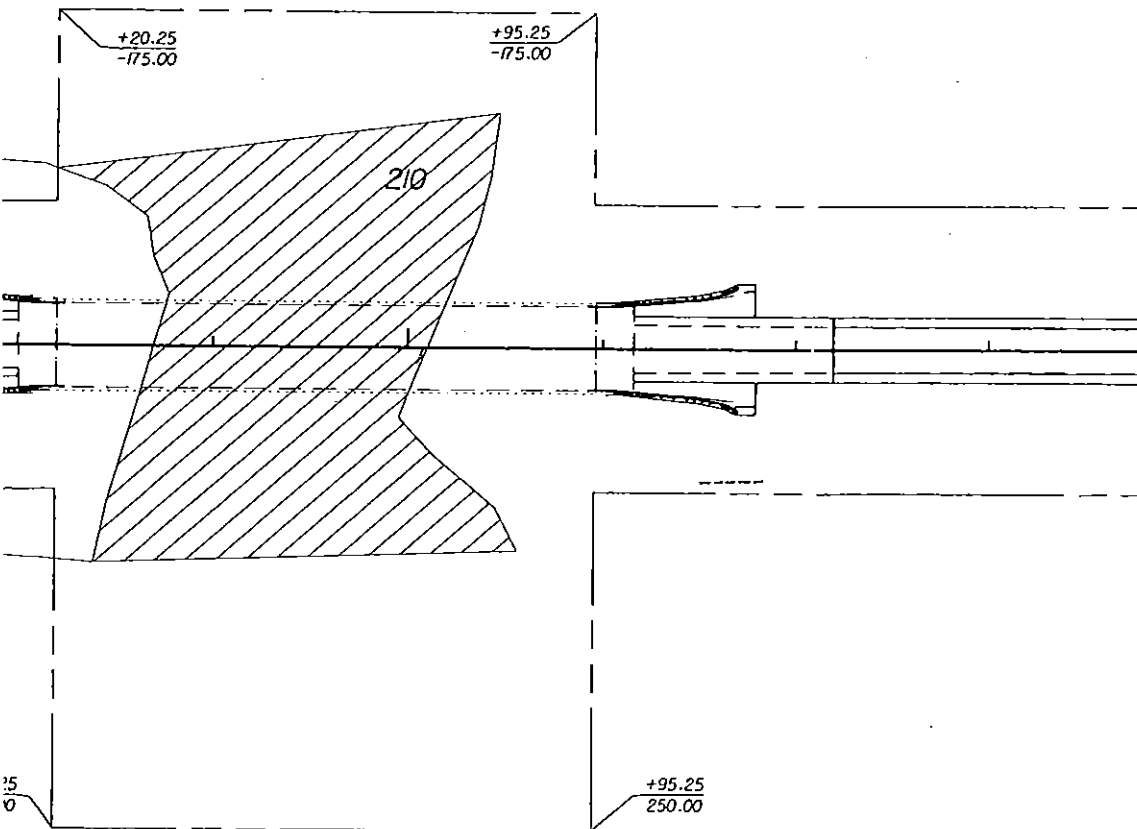


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WIDITY BARRIER

MAY BALES AND SILT FENCE



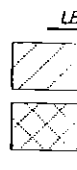
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 73	CALHOUN	409024-1-52-01

**WETLANDS**

SHEET  
NO.

189





+05.36  
 39.70

+86.70  
 49.05

**LEGEND**

WETLANDS = 2015.6

IMPACTED WETLAND  
 TYPE A WETLAND

HAY BALES AND

WETLANDS = 2015-61

IMPACTED WETLANDS  
TYPE A WETLAND T

HAY BALES AND S

W. H. MELVIN,  
Consulting Engineer.

4428 LAFAYETTE STREET 2931 KERRY FOREST  
VARIANNA, FL 32446 TALLAHASSEE,  
1850) 482-3045 1850) 671-  
Certificate No. EA-0005837

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:

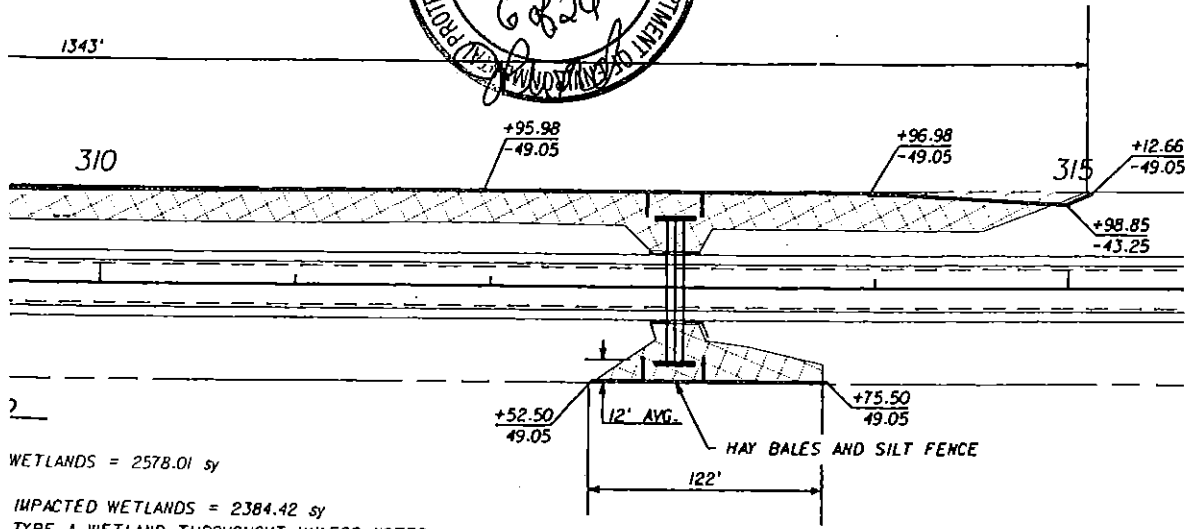
LEON E. NOBLES III, P.E.

No. 51452

PHASE—

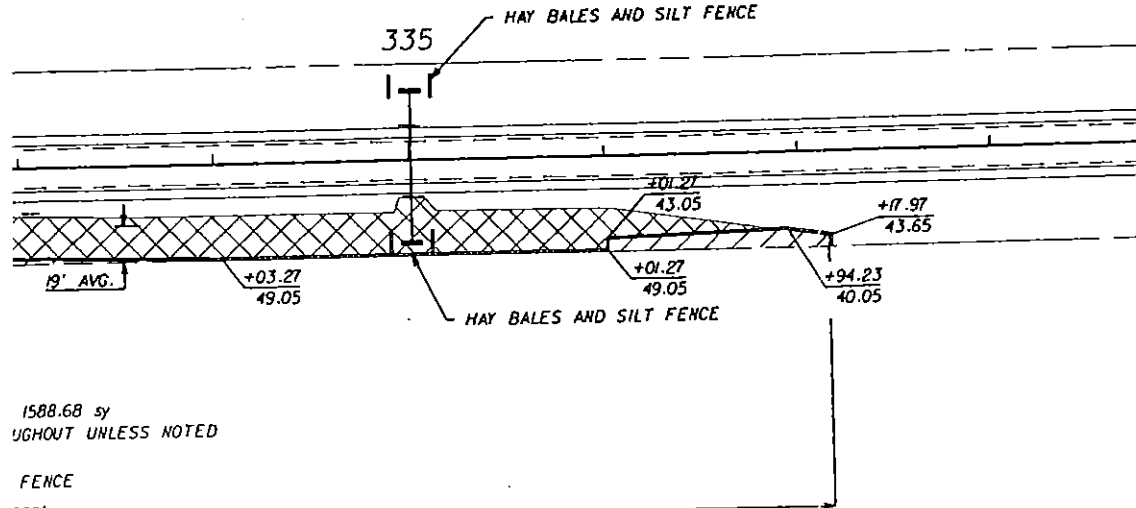


1" = 100'



WETLANDS = 2578.01 sy  
 IMPACTED WETLANDS = 2384.42 sy  
 TYPE A WETLAND THROUGHOUT UNLESS NOTED  
 HAY BALES AND SILT FENCE

1" = 100'



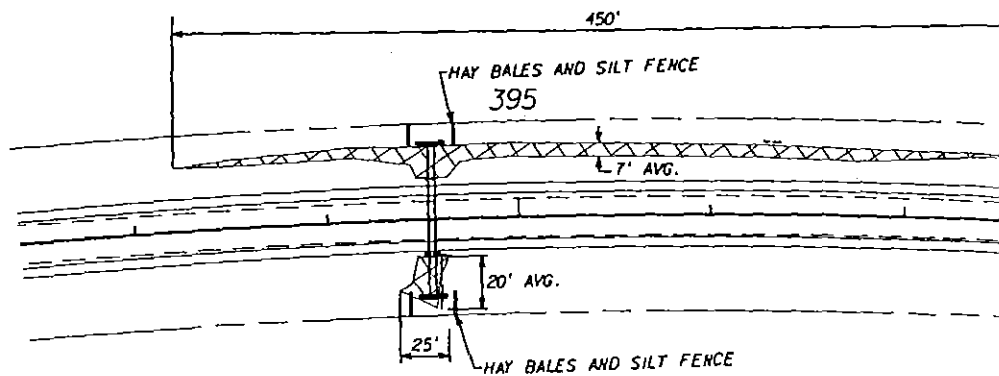
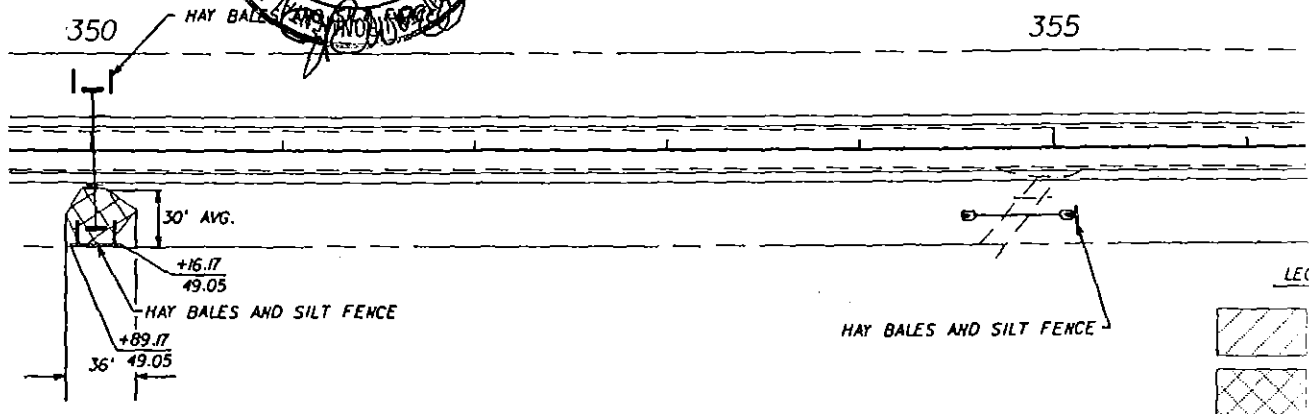
1588.68 sy  
 WETLANDS = 1588.68 sy  
 TYPE A WETLAND THROUGHOUT UNLESS NOTED

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 73	CALHOUN	409024-1-52-01

WETLANDS

SHEET NO.  
190

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



LEGEND

WETLANDS = 332.58

IMPACTED WETLANDS  
TYPE A WETLAND TH

HAY BALES AND S

DAVID H. MELVIN  
Consulting Engi

4428 LAFAYETTE STREET 2931 KERRY FOR  
MARIANNA, FL 32446 TALLAHASSEE  
18501 482-3045 (18501  
Certificate No. EB-0005637

Classification No. [8-00056J7

### REVISIONS

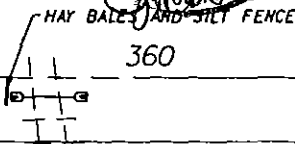
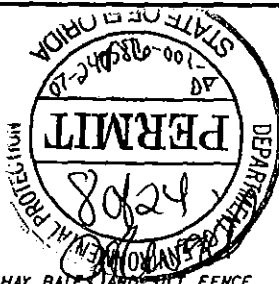
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:

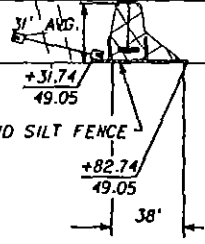
LEON E. NOBLES III, P.E.

No. 51452

PHASE	REVIEW	ORIGINATOR	DATE	CHECKED	VERIFICATION MARKS	DATE
PRODUCTION	CHECKING COMPLETE	CONCURRENCE, ORIGINATOR	DATE	CORRECT CHANGE (RED)	BLUE CHECK MARK OR CIRCLE & RETIAR	DATE
					GREEN CHECK MARK OR X-OUT TO DISAGREE	DATE
READY FOR SUBMITTAL REVIEW				CHANGE INCORPORATION	RETIAR INCORPORATION	DATE
					BLUE HIGHLIGHT	DATE
					CORRECT PURPLE CHECK MARK	DATE

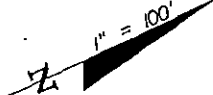


HAY BALES AND SILT FENCE



HAY BALES AND SILT FENCE

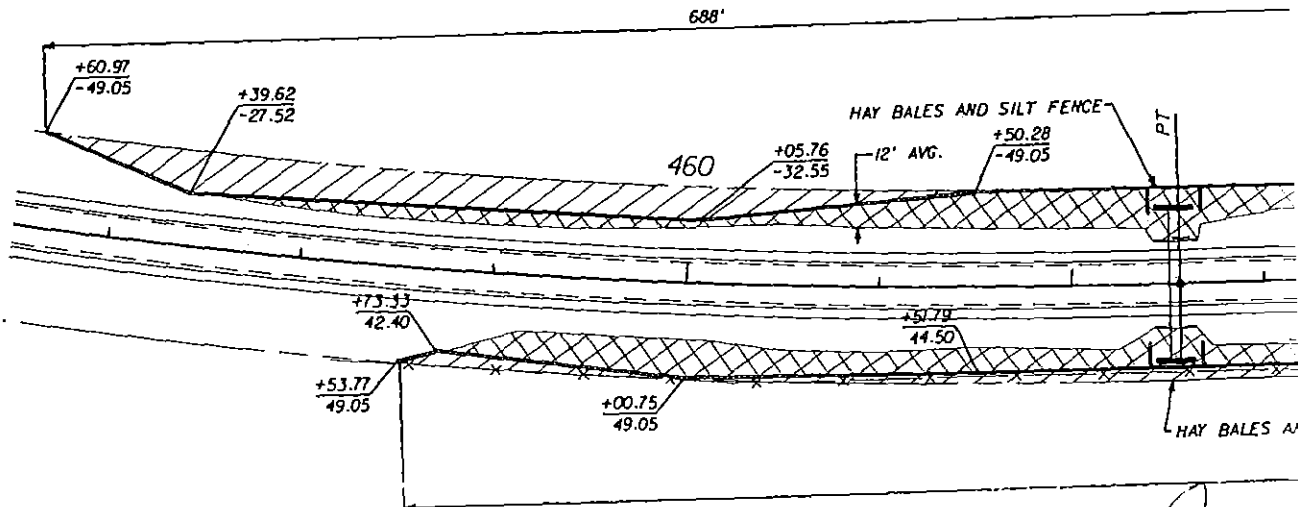
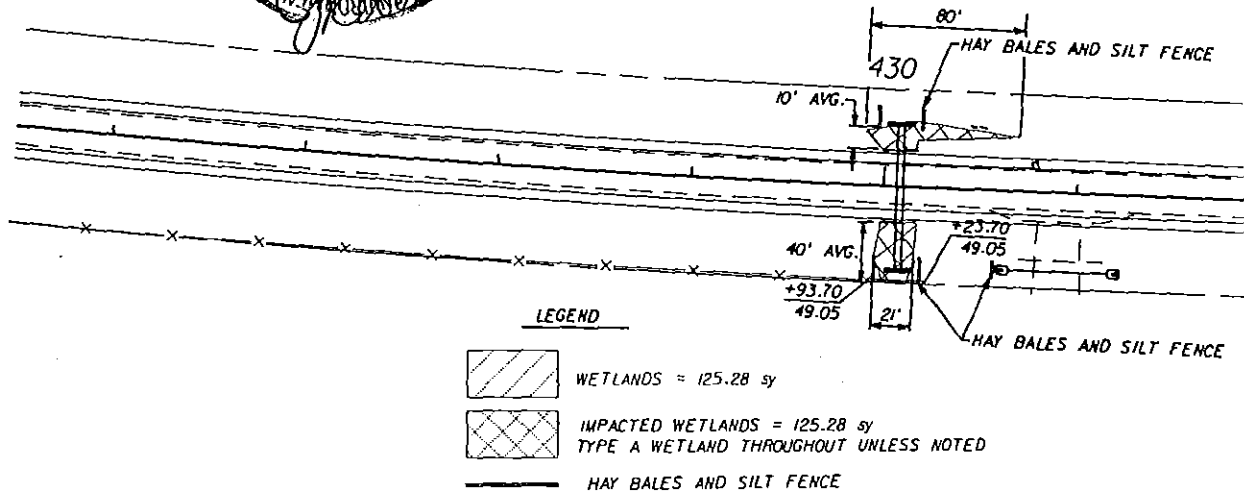
WETLANDS = 159.78 sy  
 UNDEVELOPED WETLANDS = 159.78 sy  
 NO WETLAND THROUGHOUT UNLESS NOTED  
 HAY BALES AND SILT FENCE



400

WETLANDS = 332.58 sy  
 UNDEVELOPED WETLANDS = 332.58 sy  
 NO WETLAND THROUGHOUT UNLESS NOTED  
 HAY BALES AND SILT FENCE

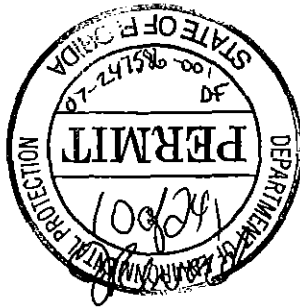
VC. 37'S BY STA. 03 32,309	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			WETLANDS	SHEET NO. 191
	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
	SR 73	CALHOUN	409024-1-52-01		



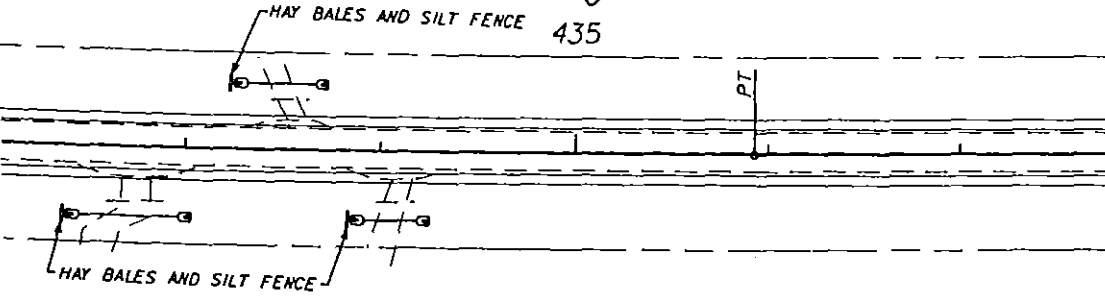
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:  
LEON E. NOBLES III, P.E.  
No. 51452

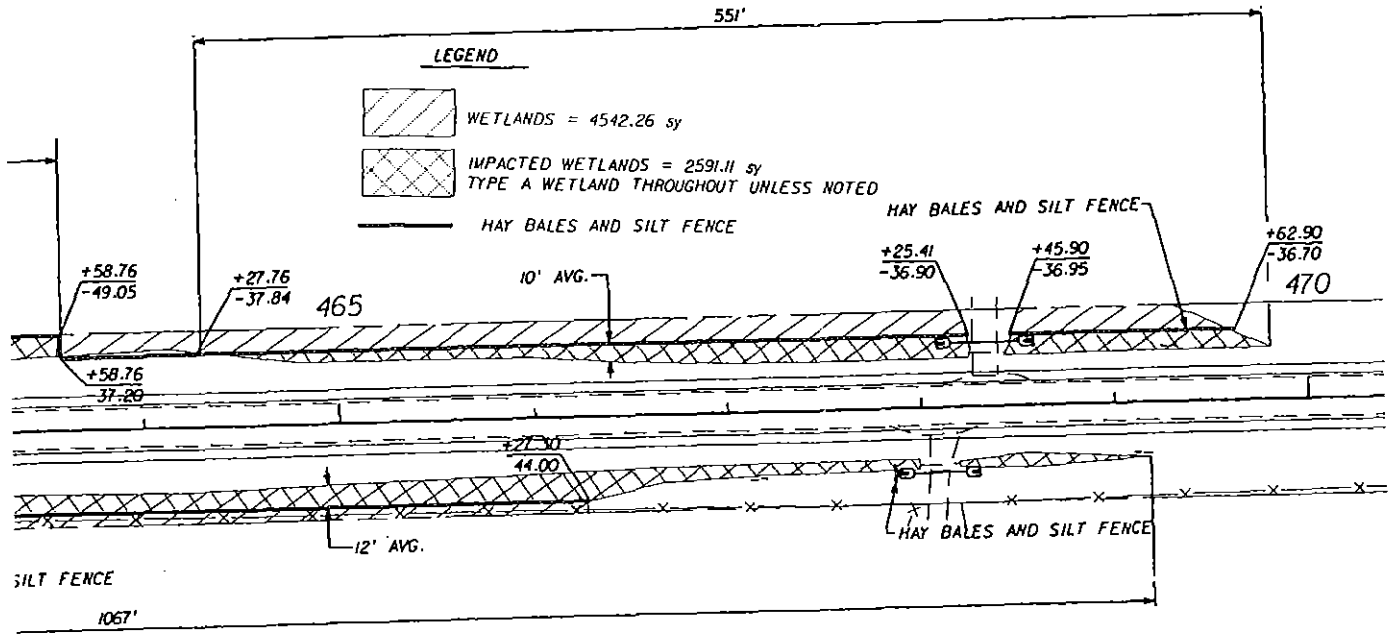
DAVID H. MELVIN  
Consulting Engineer  
4428 LAFAYETTE STREET  
TALLAHASSEE, FL 32304  
18501482-3045  
Certificate No. EB-0005637



1" = 100'

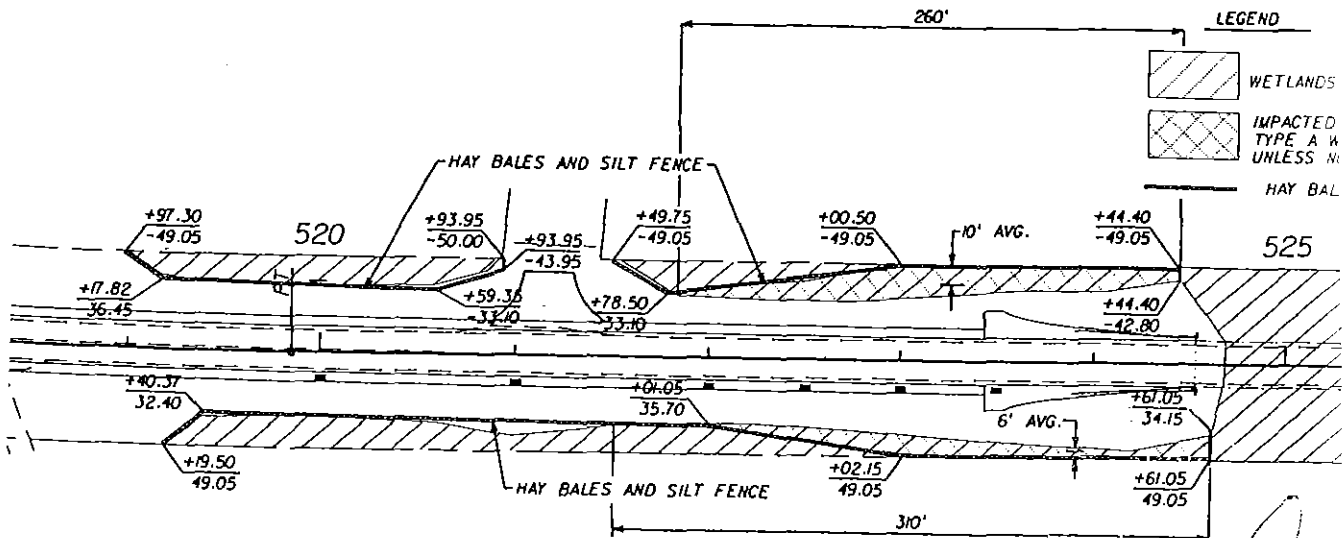
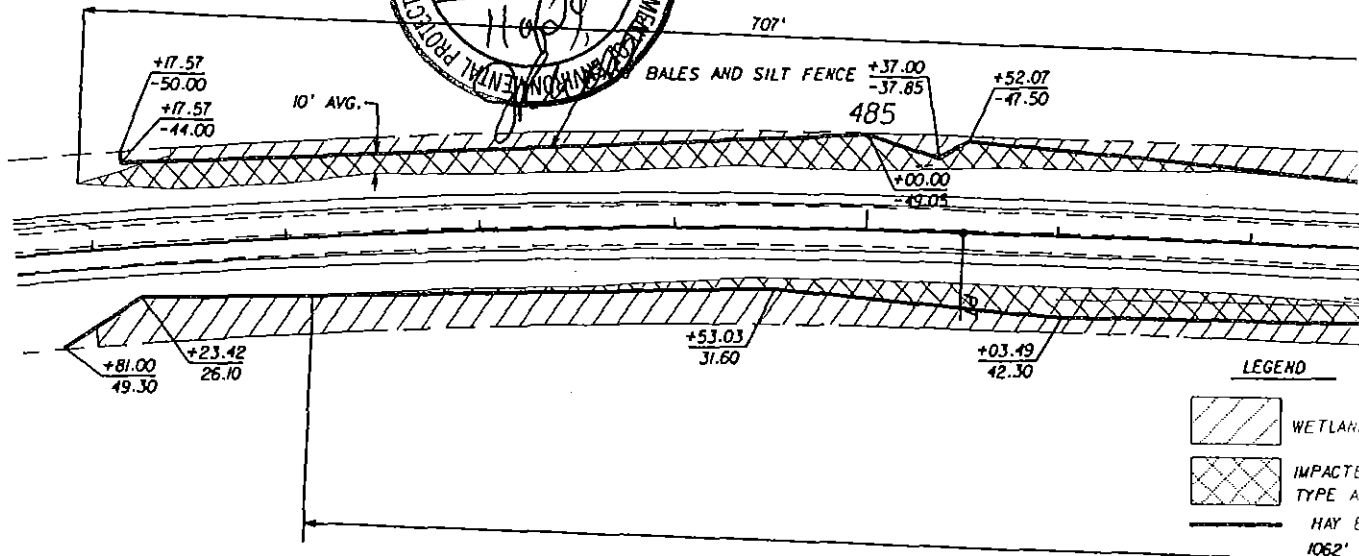
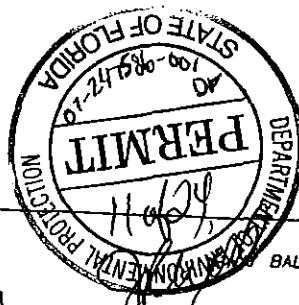


1" = 100'



*[Handwritten signature]*  
3/8/05

1" = 1" S STATE DOT 2309	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			WETLANDS	SHEET NO.
	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		192
	SR 73	CALHOUN	409024-1-52-01		



#### REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:

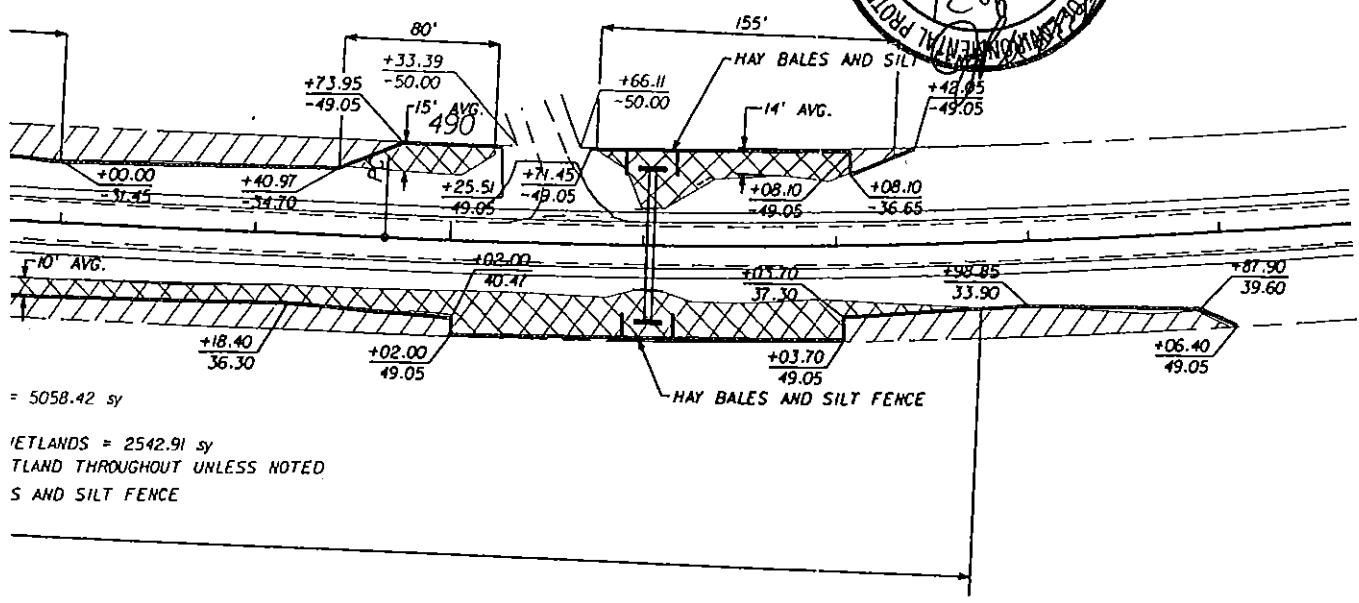
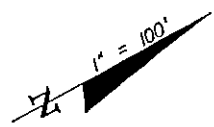
LEON E. NOBLES III, P.E.  
No. 51452

DAVID H. MELVIN,

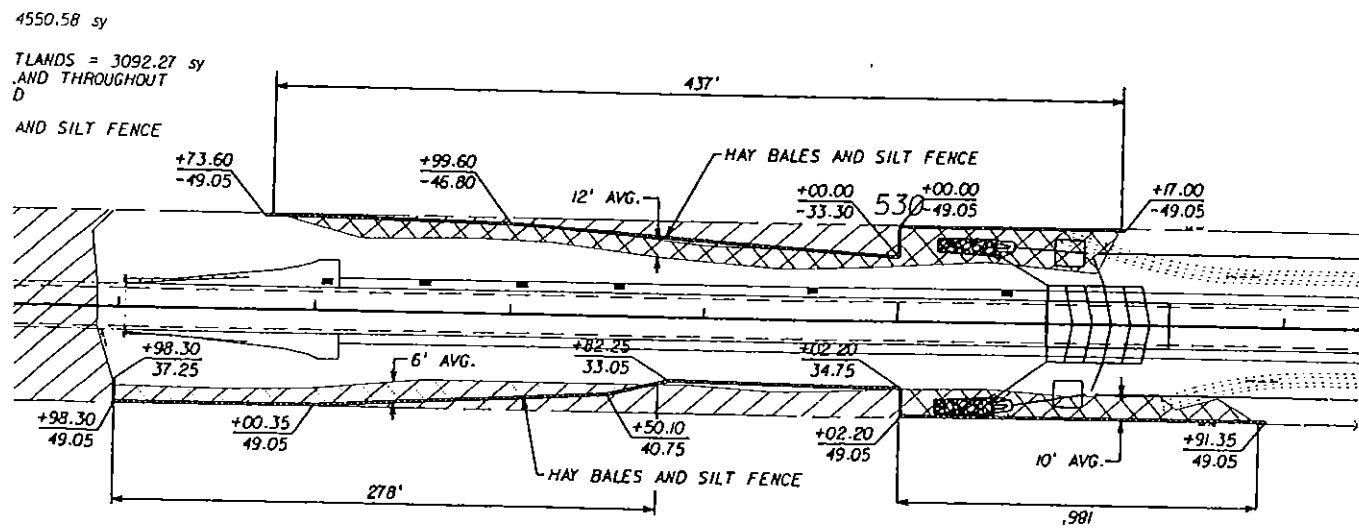
Consulting Engineer

4428 LAFAYETTE STREET 2931 KERRY FOREST  
TALLAHASSEE, FL 32310  
(850) 482-3045 (850) 671-1850

Certification No. EB-0003637



= 5058.42 sy  
 WETLANDS = 2542.91 sy  
 WETLAND THROUGHOUT UNLESS NOTED  
 AND SILT FENCE



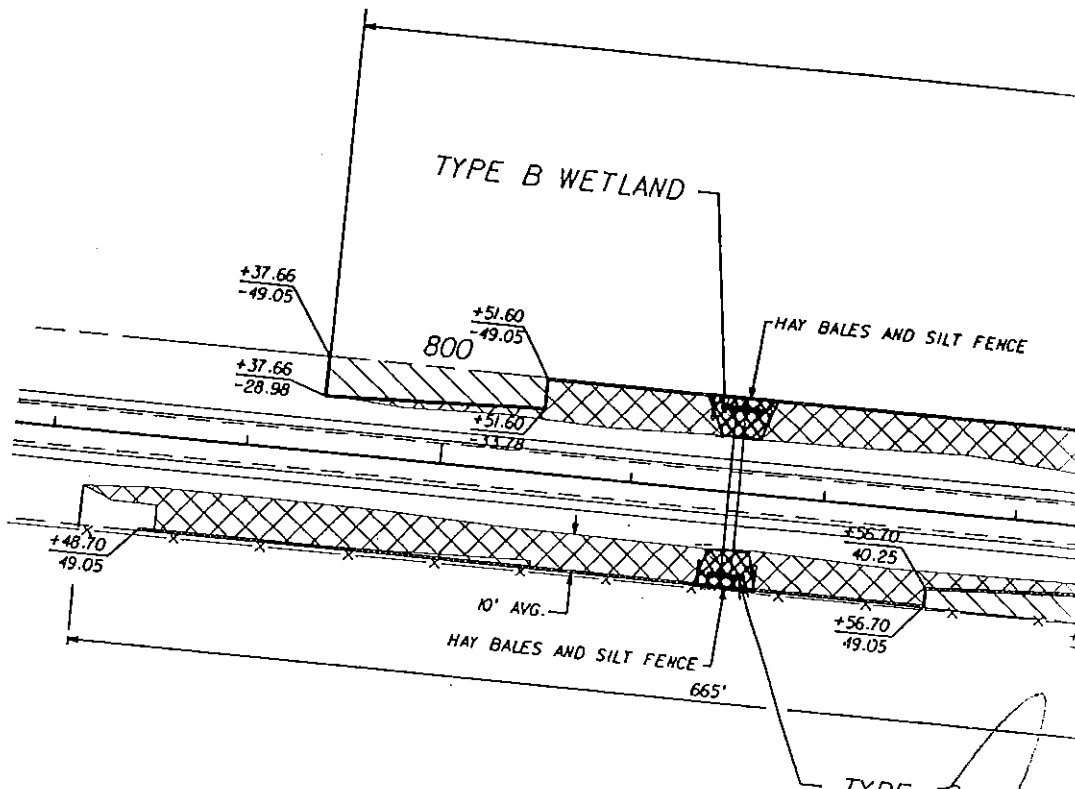
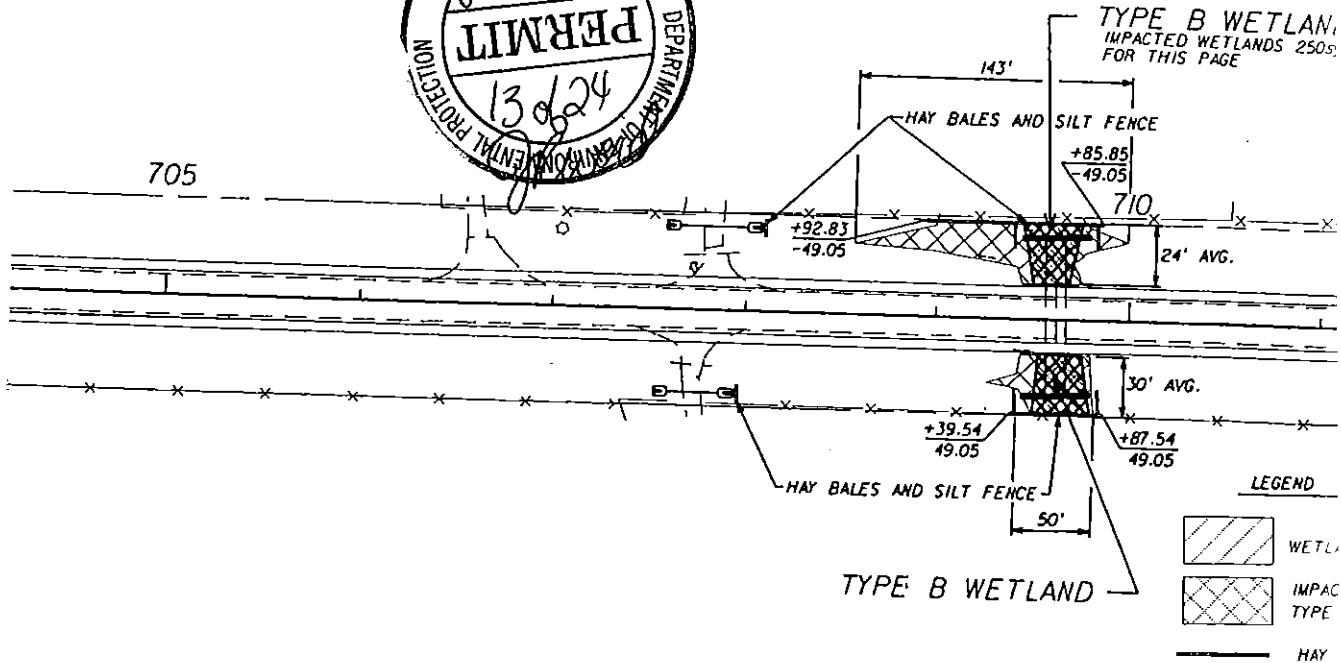
4550.58 sy  
 WETLANDS = 3092.27 sy  
 WETLAND THROUGHOUT  
 AND SILT FENCE

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			WETLANDS	SHEET NO.  193
ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
SR 73	CALHOUN	409024-1-52-01		

USER: TracyChambliss 3/24/2005 7:31:55 AM \\MELVIN\PI\P\DOT\409024\5201\ema\planem05.dgn

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G05-23.003, F.A.C.





TYPE B WETLAND

DAVID H. MELVIN, JR.

Consulting Engineer

4428 LAFAYETTE STREET  
TALLAHASSEE, FL 32304  
(850) 482-3045  
18501671-1

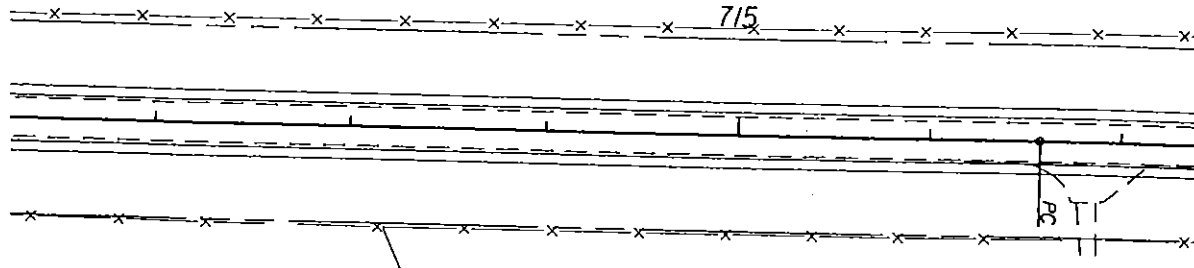
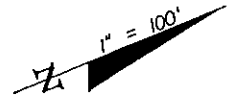
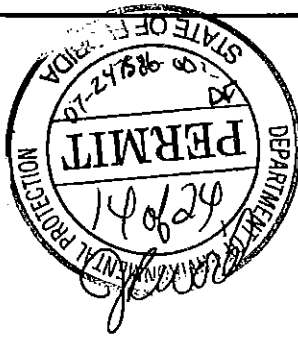
Certificate No. EB-0009637

REVISIONS

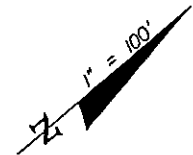
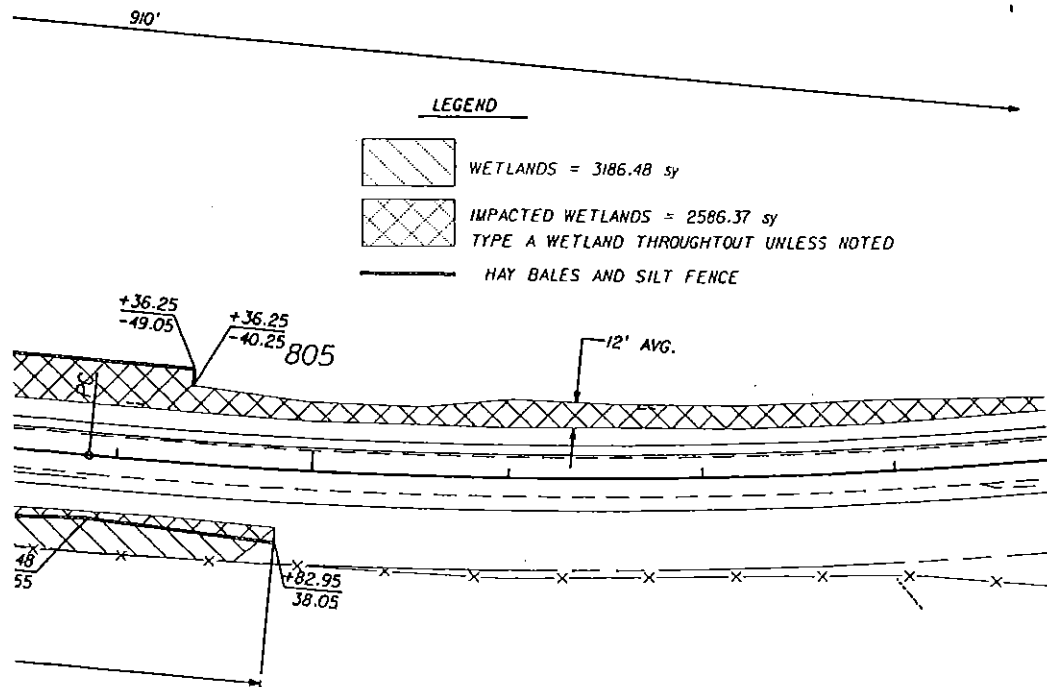
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:

LEON E. NOBLES III, P.E.  
No. 51452



5 = 390.42 sy  
 1 WETLANDS = 390.42 sy  
 WETLAND THROUGHOUT UNLESS NOTED  
 ES AND SILT FENCE



**LEGEND**

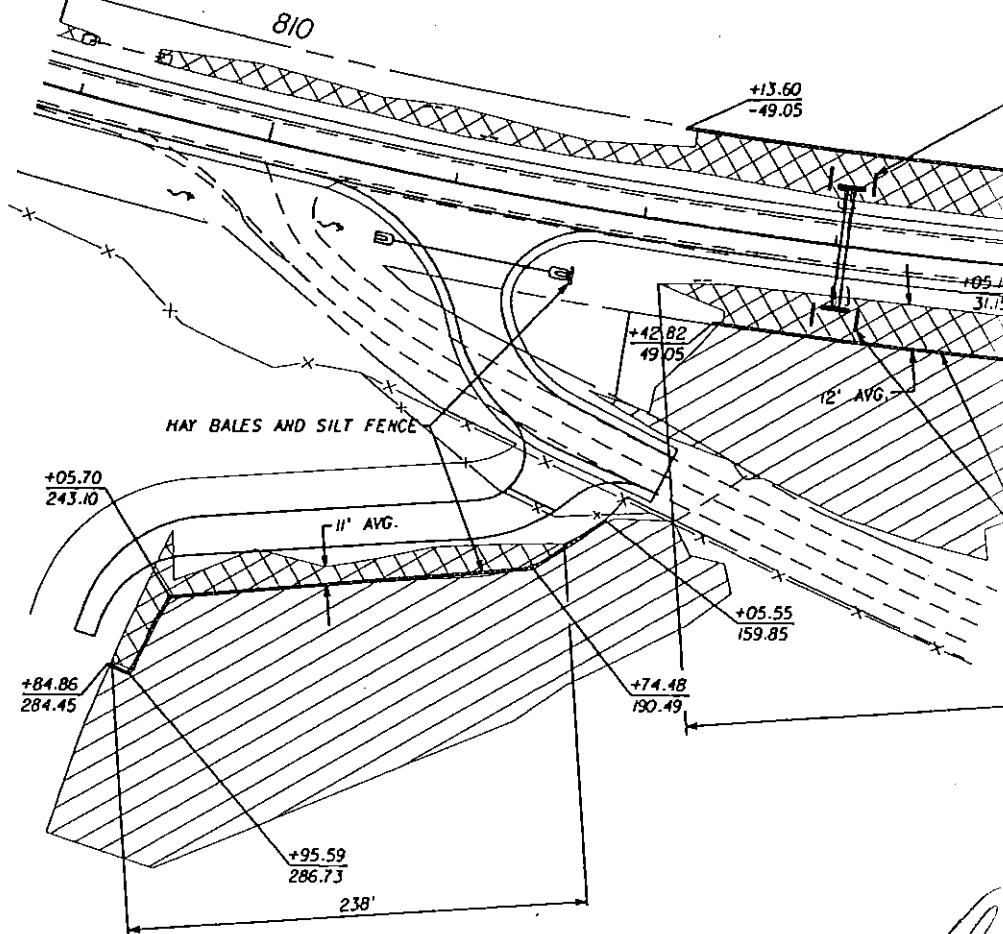
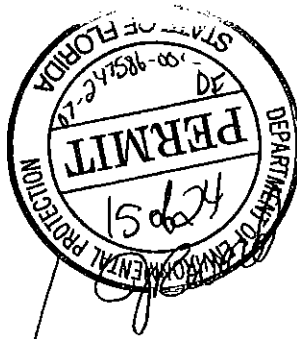
WETLANDS = 3186.48 sy

IMPACTED WETLANDS = 2586.37 sy  
 TYPE A WETLAND THROUGHOUT UNLESS NOTED

HAY BALES AND SILT FENCE

*[Handwritten signature]*  
 4/10/05

C. S STE. 03 1309	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			WETLANDS	SHEET NO.
	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
	SR 73	CALHOUN	409024-1-52-01		194

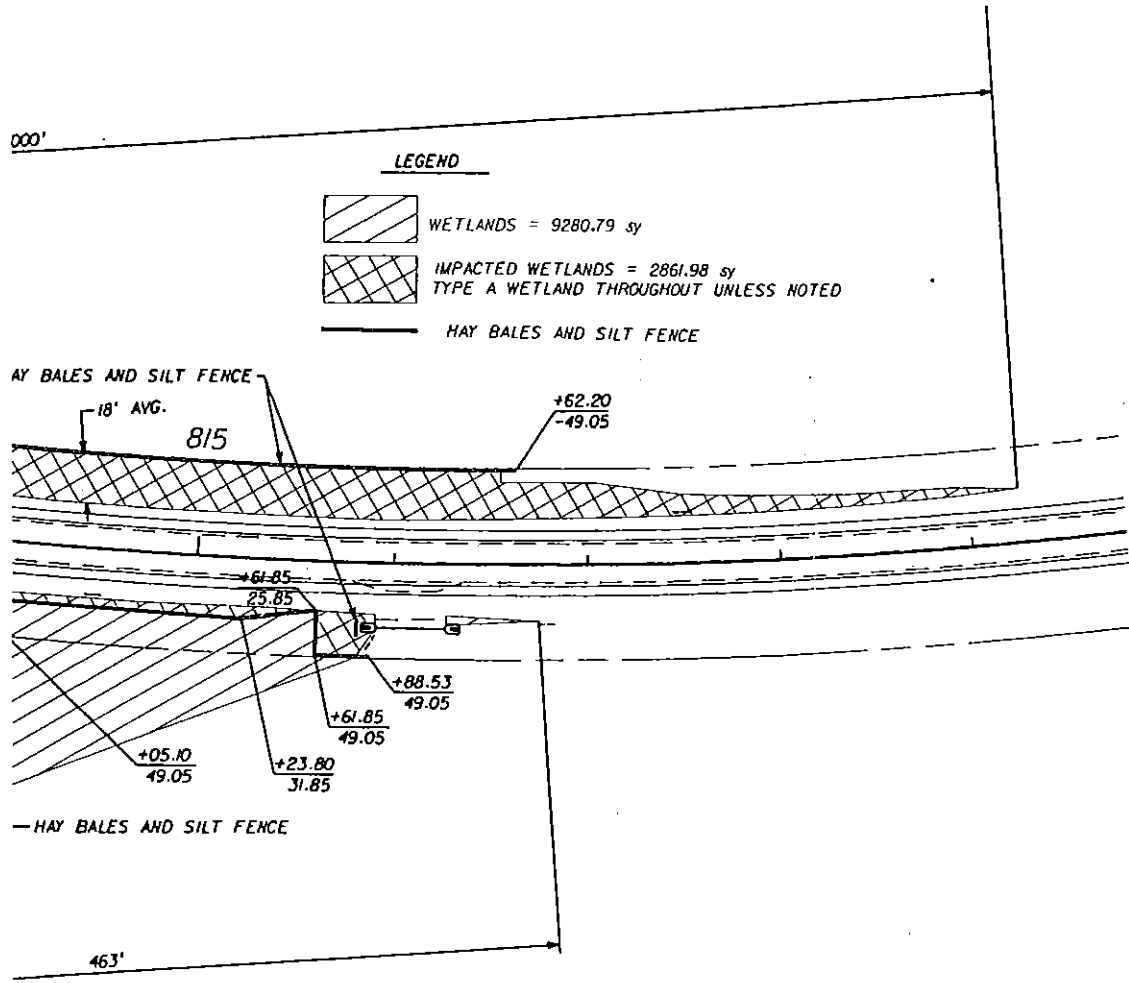
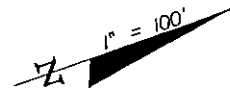


DATE	VERIFICATION MARKER	DATE	ORIGINATOR	DATE	PHASE
DATE	TRUE CHECK WORK OR CIRCLE & REMARK 1	DATE	CHANGED CHANGE (RED 1)	DATE	REVIEW
DATE	REMARK INCORPORATION	DATE	ENCOURAGE ORIGINATOR	DATE	PRODUCTION CHECKING COMPLETE
DATE	REMARK VERIFICATION	DATE	GREEN CHECK MARK OR X-OUT TO DISAGREE 1	DATE	READY FOR SUBMITTAL REVIEW
DATE	REMARK VERIFICATION	DATE	CHANGE INCORPORATION	DATE	
DATE	CORRECT PURPLE CHECK MARK 1	DATE	BLUE HIGHLIGHTER 1	DATE	

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:  
LEON E. NOBLES III, P.E.  
No. 51452

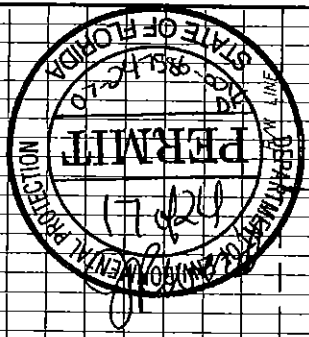
DAVID H. MELVIN,  
Consulting Engineer  
4428 LAFAYETTE STREET TALLAHASSEE, FL 32304  
TALLAHASSEE, FL 32304  
18501482-3045  
Certificate No. EB-0002637



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			WETLANDS	SHEET NO.
ROAD NO.	COUNTY	FINANCIAL PROJECT ID		195
SR 73	CALHOUN	409024-1-52-01		

USER: TracyChambliss 3/24/2005 7:34:24 AM \\MELVINI\PROJECTS\409024\5201\enmaplanem07.dgn

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



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25  
24

TYPICAL FILL  
IN WETLAND

0.75'  
TYPICAL  
DEPTH  
CUT



TYPICAL FILL IN WETLAND



TYPICAL DREDGE IN WETLAND



OHWL (ORDINARY HIGH WATER LINE)

TYPICAL CROSS SECTION  
AT BOX CULVERT EXISTING  
WETLAND TYPE  
RIVERINE WETLAND  
JURISDICTIONAL WETLAND EXTENDING

*David H. Melvin*  
2/2/02

DAVID H. MELVIN,

Consulting Engineer

4428 LAFAYETTE STREET 2931 KERRY FOREST  
TALLAHASSEE, FL 32310  
18501 482-3045 18501 671-1850

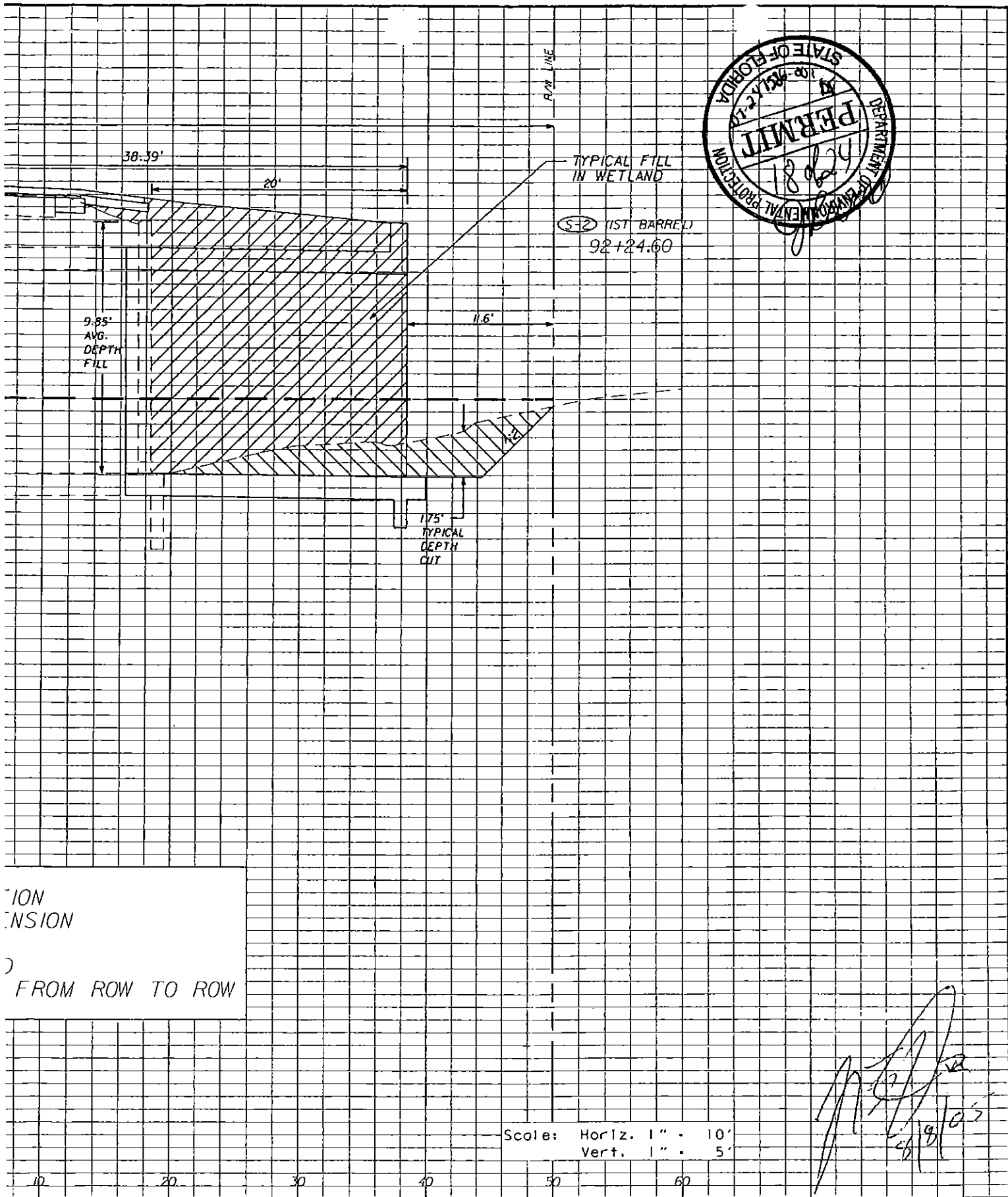
CERTIFICATE NO. 28-0005637

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:

LEON E. NOBLES III, P.E.  
No. 51452



ION  
NSION  
FROM ROW TO ROW

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>TYPICAL SECTION AT BOX CULVERT EXTENSION</b>	SHEET NO. 1 OF 4
ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
	CALHOUN	409024-1-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G5-23.003, F.A.C.



SURVEY

JURISDICTIONAL WETLAND

88  
87  
86  
85  
84  
83  
82  
81  
80

TYPICAL FILL  
IN WETLAND

R/W LINE

40.50'

86.58

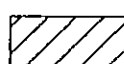
(2) 24" RCP

9.5'

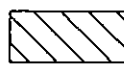
FL 81.32

0.90'  
TYPICAL  
DEPTH  
CUT

4.0'  
AVG.  
DEPTH  
FILL



TYPICAL FILL IN WETLAND



TYPICAL DREDGE IN WETLAND



OHWL (ORDINARY HIGH WATER LINE)

TYPICAL CROSS SECTION  
AT PIPES  
WETLAND TYPE  
JURISDICTIONAL WETLAND EXTENDING

*[Handwritten signature]*  
10/24/03

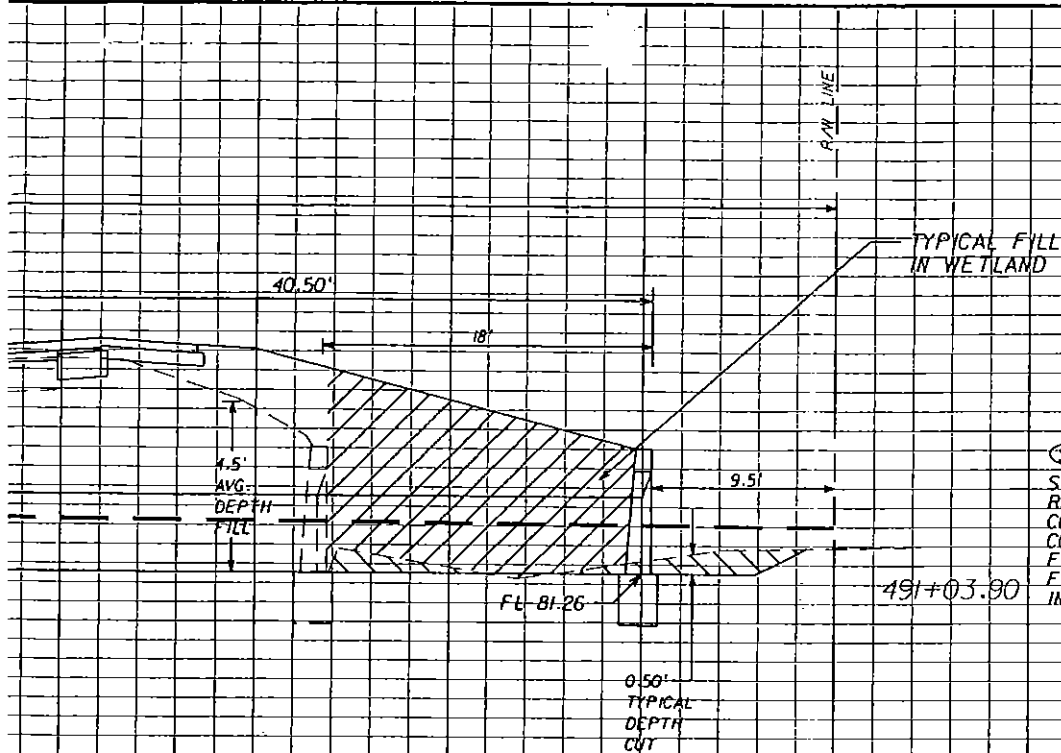
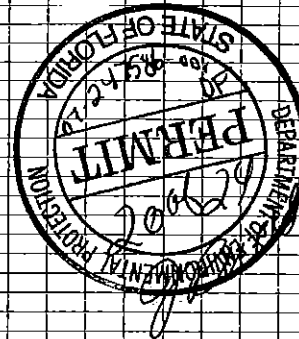
REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:

LEON E. NOBLES III, P.E.  
No. 51452

DAVID H. MELVIN,  
Consulting Engineer  
4428 LAFAYETTE STREET 2931 KERRY FOREST  
VARIANNA, FL 32446 TALLAHASSEE, FL  
18501-482-3045 18501-671-1  
Certificate No. EB-0005611



(S-15)  
 STA. 491+03.90  
 REMOVE EXIST. STRUCTURE  
 CONST. 80' OF DOUBLE 24" RCP  
 CONST. CONC. ENDWALL (LT & RT)  
 FL 81.32 (LT)  
 FL 81.26 (RT)  
 INDEX NO. 250, 280, 281

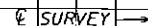
ION  
 FROM ROW TO ROW

Scale: Horiz. 1" = 10'  
 Vert. 1" = 5'

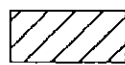
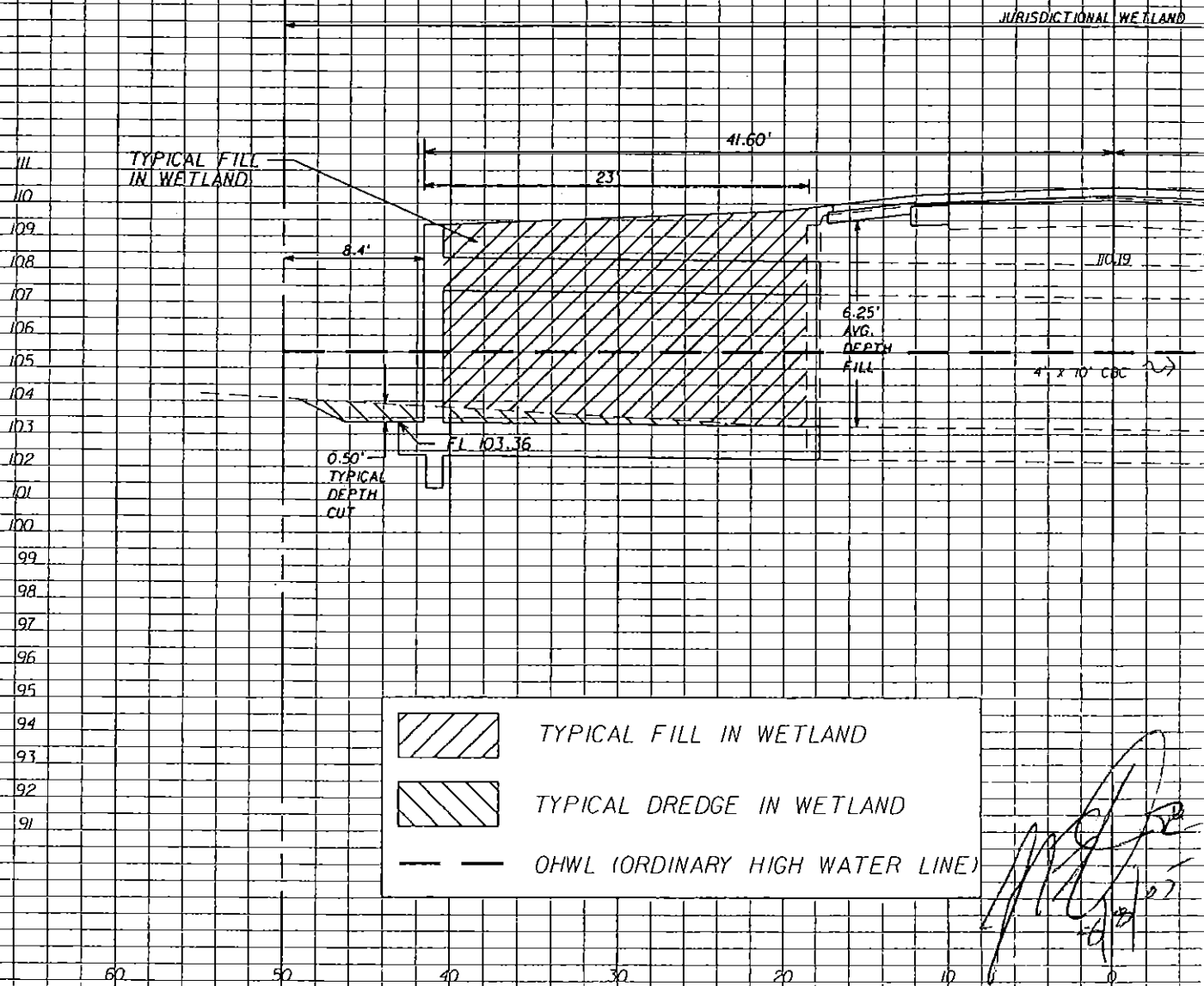
*[Handwritten signature]*  
 6/8/05

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION WETLAND DREDGE AND FILL AT PIPE CULVERT REPLACEMENT	SHEET NO.  2 OF 4
ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
SR 73	CALHOUN	409024-1-52-01		





TYPICAL CROSS SECTION  
AT BOX CULVERT EXITS  
WETLAND TYPE  
RIVERINE WETLAND  
JURISDICTIONAL WETLAND EXTENDING



TYPICAL FILL IN WETLAND



TYPICAL DREDGE IN WETLAND



OHWL (ORDINARY HIGH WATER LINE)

## REVISIONS

REVIEWS			REVIEWS		
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:

LEON E. NOBLES III, P.E.

No. 51452

DAVID H. MELVIN, 1

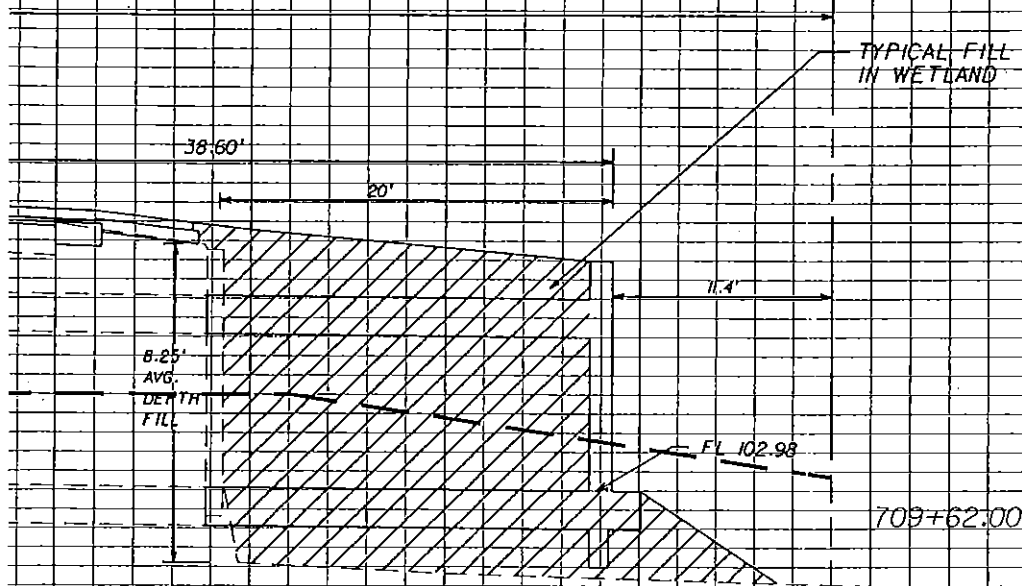
Consulting Engine

4428 LAFAYETTE STREET 2931 KERRY FOREST  
MARIANNA, FL 32446 TALLAHASSEE, FL  
(850) 482-3045 (850) 671-71

Cellulose, v. 1 (A-D22503)

ION  
NSION

FROM ROW TO ROW



(S-24)  
STA. 709+62.00  
EXTEND 4' X 10' BOX CULVERT  
23'(LT) AND 20'(RT)  
CONST. CONC. ENDWALL (LT & RT)  
FL 103.36 (LT)  
FL 102.98 (RT)  
INDEX NO. 280, 281, 290

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

*[Handwritten signature]*  
12/20/04

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 73	CALHOUN	409024-1-52-01

**TYPICAL SECTION  
WETLAND DREDGE AND FILL  
AT BOX CULVERT EXTENSION**

SHEET  
NO.

3 OF 4

The figure consists of two cross-section diagrams of a ditch and wetland area, plotted on a grid. The vertical axis represents elevation in feet, ranging from 71 to 76. The horizontal axis represents distance in feet, ranging from 0 to 60.

**Top Diagram:**

- JURISDICTIONAL WETLAND:** Indicated by a horizontal line at the top, spanning from approximately 10 to 30 feet.
- Dimensions:** 20' (total width), 13' (left side), 7' (right side).
- Depths:** 1.75' (average depth of dredge), 1.75' (average depth of fill).
- Labels:** "AVERAGE DEPTH OF DREDGE", "AVERAGE DEPTH OF FILL".
- Stamp:** A circular permit stamp from the State of Florida, Department of Environmental Protection, dated 03/02/10, with the word "PERMIT" in the center.

**Bottom Diagram:**

- JURISDICTIONAL WETLAND:** Indicated by a horizontal line at the top, spanning from approximately 10 to 30 feet.
- Dimensions:** 18' (total width), 14' (left side), 4' (right side).
- Depths:** 1.75' (average depth of dredge), 0.75' (average depth of fill).
- Labels:** "AVERAGE DEPTH OF DREDGE", "AVERAGE DEPTH OF FILL".

**Legend:**

- TYPICAL FILL IN WETLAND
- TYPICAL DREDGE IN WETLAND
- OHWL (ORDINARY HIGH WATER LINE)

**Revisions Table:**

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

**Engineer of Record:**

LEON E. NOBLES III, P.E.  
No. 51452

**Consulting Engineer:**

DAVID H. MELVIN,  
Consulting Engineer  
4428 LAFAYETTE STREET  
TALLAHASSEE, FL 32310  
904-882-3045  
Certificate No. EB-009537

