

PROJECT COMPLETION REPORT

PROJECT NAME Falgout Canal Plantings Demo Removal
CWPPRA/STATE PROJECT NO. TE-17

Report Date: July, 2004 **By:** Shane Triche/DNR

1. Project Managers/Contracting Officer:

DNR Project Manager	Brian Babin	Telephone	(985) 447-0956
DNR Construction Project Manager	Shane Triche	Telephone	(985) 449-5073
DNR Monitoring Manager	Todd Hubbell	Telephone	(985) 447-0994
NRCS Project Manager	Brad Sticker	Telephone	(318) 473-7791
Construction Administrator/Inspection	Shane Triche	Telephone	(985) 449-5073

2. Location and Description of Project.

The project area totals 73 ac (29 ha) and is located within a portion of the 5,000 ft (1,524 m) of shoreline bordered by the TE-02 project to the north, Falgout Canal to the south, structure 1 of TE-02 along the northern bank of Falgout Canal to the west, and structure 2 of TE-02 along the northern bank of Falgout Canal to the east. The project consists of the removal of 6 different types of wave damping devices along the northern bank of Falgout Canal. Type A was constructed of timber and oriented perpendicular to the shoreline. Type B was constructed of timber and oriented parallel to the shoreline. Types C and D consist of Uniaxial Geogrid supported by timber posts oriented perpendicular to the shoreline. Type E consists of Uniaxial Geogrid supported with timber posts oriented parallel to the shoreline. Type F consists of erosion control mat placed on the shoreline.

3. Final, As-Built Features, Boundaries and Resulting Acreage (use attachments if necessary).

The project was completely removed. There are no As-Built Plans.

Actual Benefited Acres N/A

4. Key Project Cost Elements

	Project Cost Estimates	Cost Incurred as of July 14, 2004.
Construction	\$24,000	\$22,500.00
E & D	N/A	\$3,933.82
Construction Administration	N/A	\$1,012.01
Monitoring	N/A	N/A
O & M	N/A	N/A
Total	\$24,000	\$27,445.83

5. Items of Work

Schedule of Items								
Item No.	Work	Est. Quan.	Unit	Estimated Unit Price	Estimated Amount	Final Quan.	Bid Unit Price	Final Amount
Base Price								
1	Mobilization and Demobilization	1	LS	\$6,000.00	\$6,000.00	1	\$5,000.00	\$5,000.00
2	Removal and Disposal of Structures	1	LS	\$18,000.00	\$18,000.00	1	\$17,500.00	\$17,500.00
Total					\$24,000.00	Total		\$22,500.00

6. Construction and Construction Oversight

Prime construction contractor	Erosion Control Services
Subcontractor	
Subcontractor	
Original construction contract	\$22,500.00
Change orders (final costs)	\$0.00
Over/Under runs (from original bid items)	\$0.00
Final construction contract	\$22,500.00

Construction Oversight: Shane Triche, DNR.

Construction Oversight Amount: \$1012.01 (As of July 14, 2004)

7. Major Equipment Used

Spud Barges: 20' x 60' (approx.) (no name)

Excavators: C215x (40' boom)

Tug Boats: 20' Boat (no name)

8. Discuss Construction Sequences and Activities, Problems Encountered, Solutions to Problems, etc.

Type A Structures:

These structures were removed last. The 2 x 6 boards were unbolted by hand and removed. Then the 15' pilings were removed using an excavator with a chain tied around the piling. All pilings were removed completely with no breakages.

Type B Structure:

This structure was removed next to last. The 2 x 6 boards were unbolted by hand and removed. Then the 15' pilings were removed using an excavator with a chain tied around the piling. All pilings were removed completely with no breakages.

Type C Structures:

These structures were among the first to be removed. The 1 x 4 boards were unbolted by hand and removed. Then the Uniaxial Geogrid material was rolled up and placed on the barge. Finally the 4 x4 posts were removed using an excavator with a chain tied around the post. All posts were removed completely with no breakages.

Type D Structures:

These structures were among the first to be removed. The 1 x 4 boards were unbolted by hand and removed. Then the Uniaxial Geogrid material was rolled up and placed on the barge. Finally the 4 x4 posts were removed using an excavator with a chain tied around the post. All posts were removed completely with no breakages.

Type E Structure:

This structure was among the first to be removed. The 1 x 4 boards were unbolted by hand and removed. Then the Uniaxial Geogrid material was rolled up and placed on the barge. Finally the 4 x4 posts were removed using an excavator with a chain tied around the post. All posts were removed completely with no breakages.

Type F Structure:

This structure was the first to be removed. None of the permanent erosion and reinforcement matrix was still in place. One piece was found on top of the Type B structure. Two pieces were found along the shoreline in separate places. After extensive searching the fourth piece of the matrix was never found. It is assumed that the matrix was probably washed away during one of the tropical storm events that had occurred since construction.

9. Construction Change Orders and Field Changes.

There were no Change Orders required.

10. Pipeline and Other Utility Crossings.

There were no pipeline or utility crossings in the area.

11. Safety and Accidents.

None Reported

12. Additional Comments Pertaining to Construction, Completed Projects, etc.

With the exception of the lost permanent erosion and reinforcement matrix all structures were removed completely. A count was made of all materials in the stockpile area and all were accounted for and intact. It was determined that a chain would not be drug on final inspection due to the complete removal of all structures.

13. Significant Construction Dates:

SP File No. K25627D; PO No. 3748867	Date
Bid Opening	05-06-2004
Construction Contract	06-22-2004
Pre-construction Conference	06-29-2004
Notice to Proceed	07-06-2004
Mobilization	06-30-2004
Construction Start	06-30-2004
Construction Completion	07-05-2004
Final Acceptance	07-06-2004

Attachment I

Permit



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS
P.O. BOX 60267
NEW ORLEANS, LOUISIANA 70160-0267

December 2, 2003

Operations Division
Central Evaluation Section

SUBJECT: SW(Falgout Canal)12

Mr. Brian Babin
Louisiana Coastal Restoration Division
1440 Tiger Drive, Suite B
Thibodaux, Louisiana 70301

Dear Mr. Babin:

I am writing in regard to your letter of November 3, 2003 (copy enclosed), concerning the subject permit for a vegetative planting demonstration project in Terrebonne Parish.

Provided there is no dredging and/or filling in waters of the United States associated with the removal of the permitted structures, no additional authorization is required from this office. Should dredging and/or filling be required to access the structures to be removed, you must follow the permit application procedures described on our website at: www.mvn.usace.army.mil.

If you have any questions about the subject permit, please call Cathy Slumber at (504) 862-2284.

Sincerely,

Ronald J. Ventola
Chief, Regulatory Branch

Enclosure

RECEIVED
DEC 03 2003

State of Louisiana



M.J. "MIKE" FOSTER, JR.
GOVERNOR

JACK C. CALDWELL
SECRETARY

DEPARTMENT OF NATURAL RESOURCES

November 3, 2003

Mr. Greg DuCote, Program Manager
La. Office of Coastal Restoration & Management
Capitol Station, 10 th Floor
P.O. Box 44487
Baton Rouge, La. 70804-4487

RE: **C950535, Coastal Zone Consistency**
COE Permit - SW(Falgout Canal)12
Falgout Canal Planting Demo Removal

Dear Mr. DuCote:

Please let this letter serve as notification for proposed maintenance project to remove and dispose of existing structures located along Falgout Canal between La. Hwy 316 and the Houma Navigation Canal. This maintenance project includes the demolition, removal and disposal of six (6) types of shoreline protection treatments located along the north bank of Falgout Canal. The Falgout Canal - Vegetation Planting Demonstration Project (TE-17) was a 3 year demonstration project of vegetative planting in conjunction with various types of wave damping structures to protect the shoreline along Falgout Canal, in Terrebonne Parish, Louisiana. The 3 year demonstration period ended in 1999. The project was sponsored by the Natural Resources Conservation Service and Louisiana Department of Natural Resources under the Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA). Attached are **preliminary drawings** showing the existing structures to be removed and disposed of, and consistency permit obtained in 1996 for the construction of the Falgout Canal planting Demo Project (TE-17).

Should any additional authorizations or information be needed prior to proceeding with the removal of these structures, please contact me at (985) 447-0956.

Sincerely,

Brian J. Babin, P.E.
O&M Manager

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DEC 03 2003

cc

COASTAL RESTORATION DIVISION • 1440 TIGER DRIVE, SUITE B • THIBODAUX, LA 70301
PHONE: (985) 447-0991 • FAX: (985) 447-0997
AN EQUAL OPPORTUNITY EMPLOYER

BJB:bjb

Attachment(s) Permit Drawings
CMD Consistency Permit
COE Permit

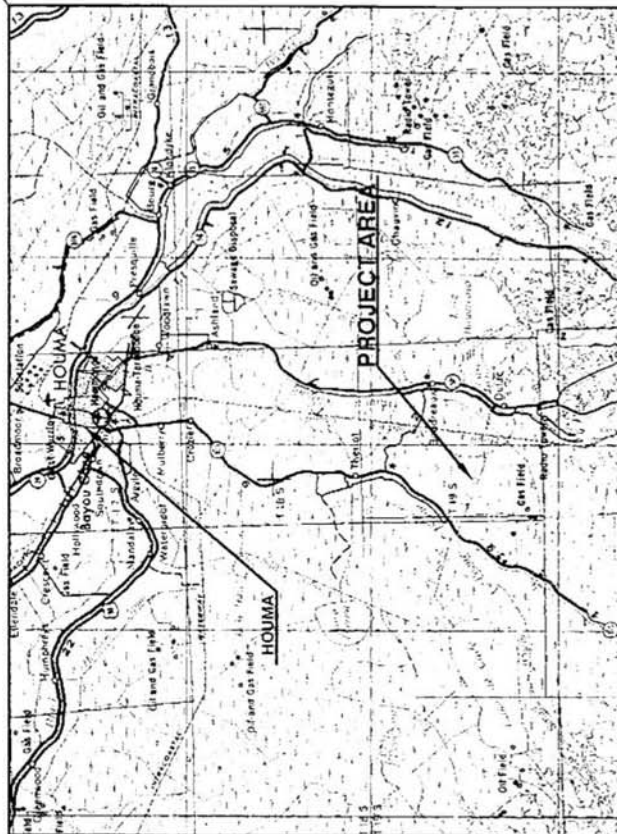
cc: Brad Sticker, NRCS
Cindy Steyer, NRCS
Gene Loupe, NRCS
John Woodard, Lafource/Terrebonne Soil & Water Conservation District
Garrett Broussard, LDNR
Kenneth Bahlinger, LDNR
TFO project file

RECEIVED
DEC 03 2003
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INDEX OF DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET/INDEX OF DRAWINGS
2	PROJECT LOCATION MAP/ESTIMATED QUANTITIES
3	TYPE A STRUCTURE DETAILS AND NOTES
4	TYPE B STRUCTURE DETAILS AND NOTES
5	TYPE C AND D STRUCTURE DETAILS AND NOTES
6	TYPE E STRUCTURE DETAILS AND NOTES
7	TYPE F STRUCTURE DETAILS AND NOTES

STATE OF LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION PLANS FOR FALGOUT CANAL PLANTINGS DEMO REMOVAL PROJECT NO. TE-17 TERREBONNE PARISH



STATE
PROJECT
SPONSOR



FEDERAL
PROJECT
SPONSOR



PROJECT DESCRIPTION:

THE FALGOUT CANAL PLANTINGS DEMO REMOVAL PROJECT CONSIST OF THE DEMOLITION, REMOVAL, AND DISPOSAL OF SIX (6) TYPES OF SHORELINE PROTECTION TREATMENTS ALONG THE NORTH BANK OF FALGOUT CANAL.

APPROVED BY:

DNR/CED ENGINEERING MANAGER

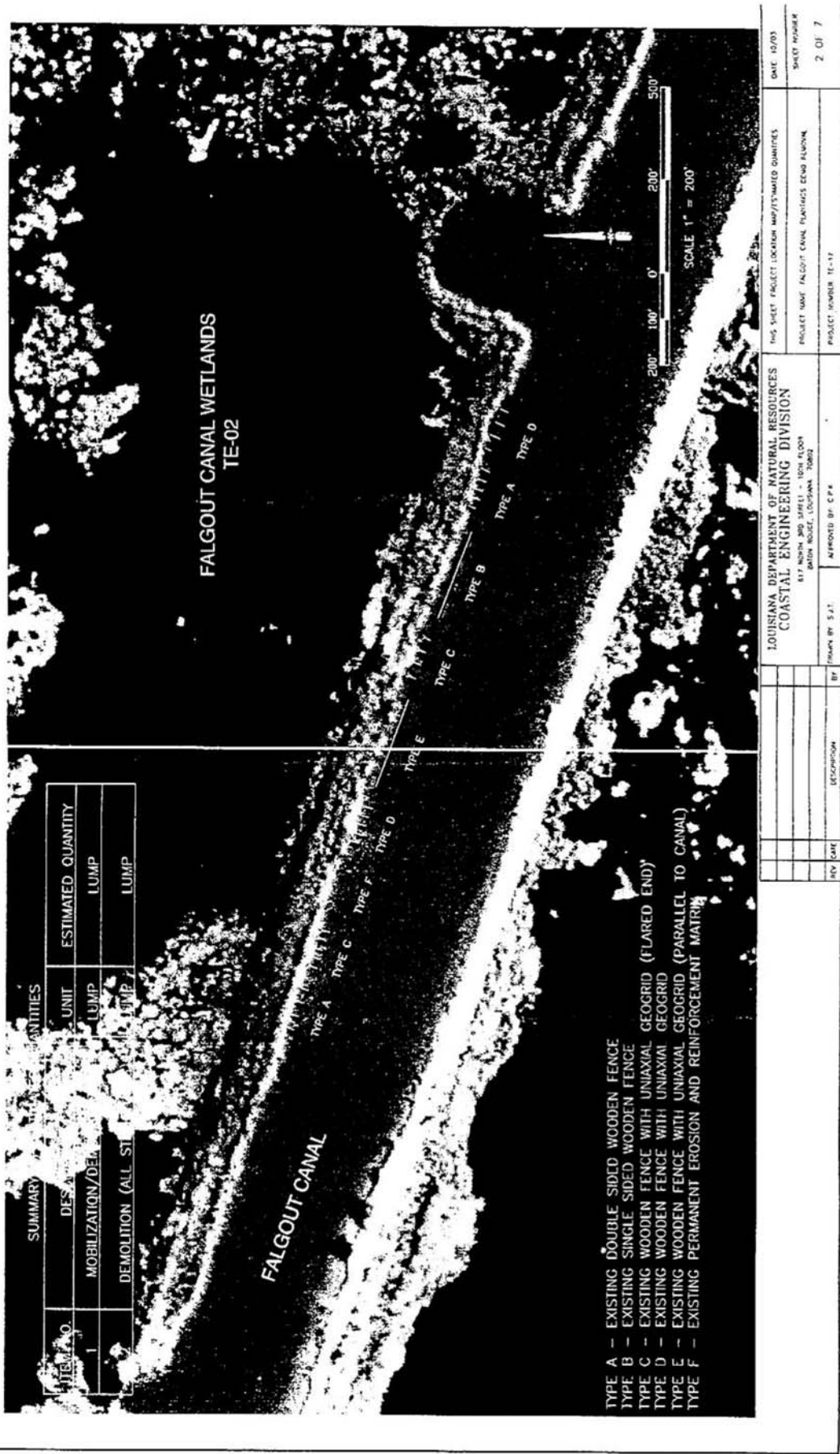
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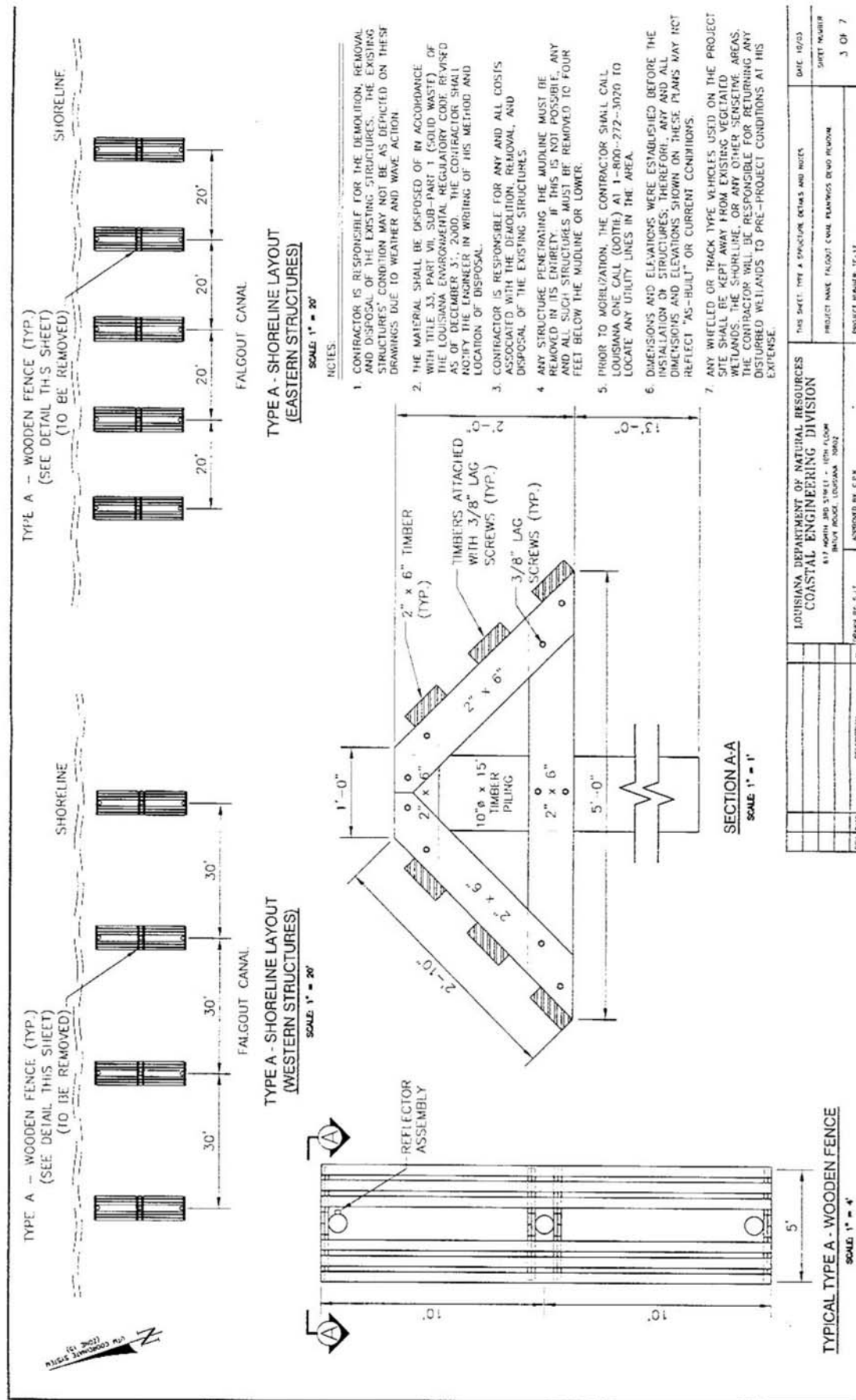
PREPARED BY:

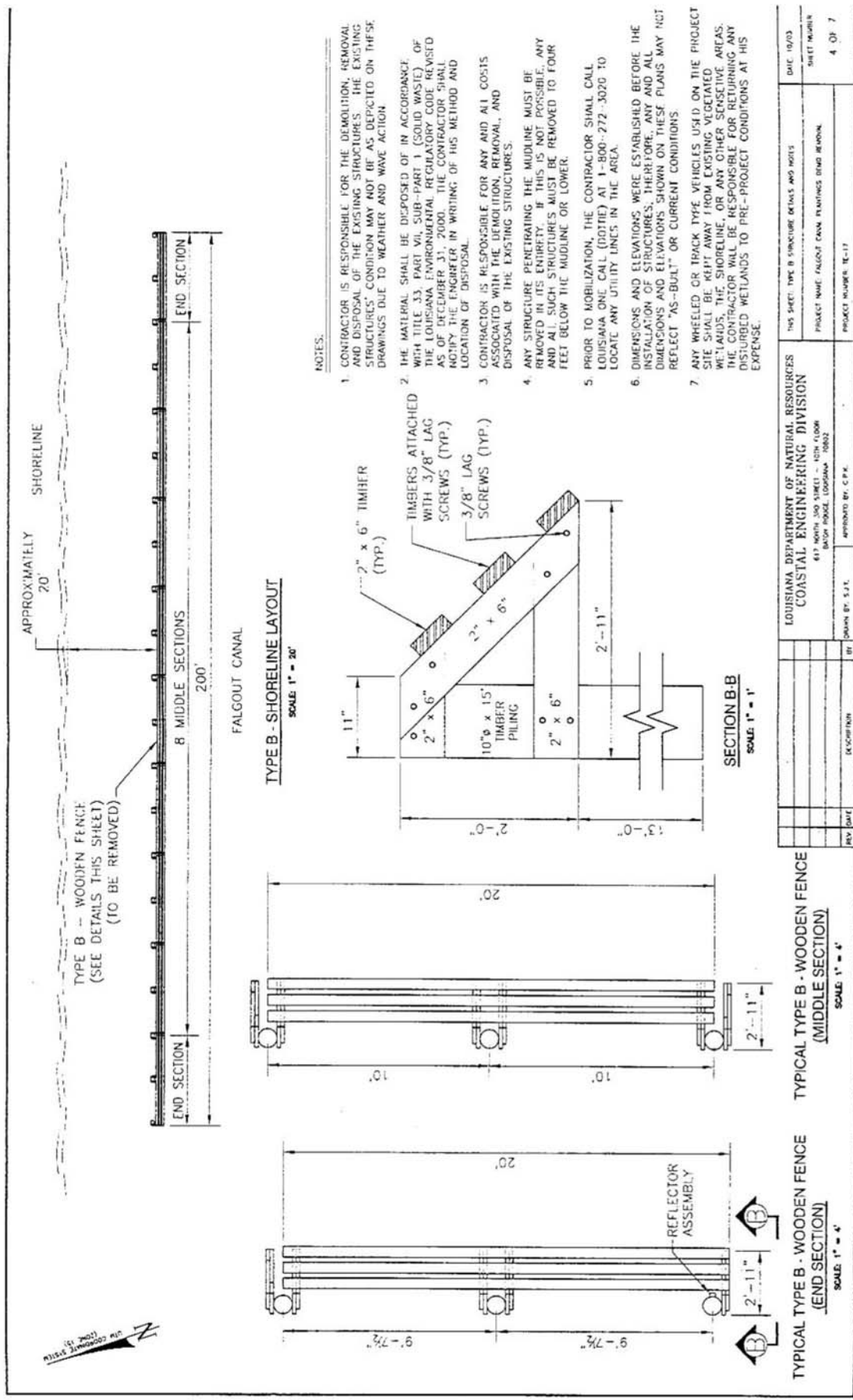
DNR/CED PROJECT MANAGER

DATE

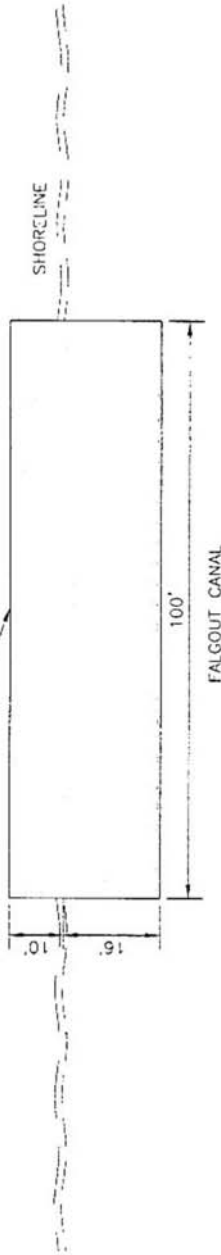
LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION 817 NORTH 3RD STREET - 16TH FLOOR BATON ROUGE, LOUISIANA 70802		THIS SHEET FILE SHEET/INDEX OF DRAWINGS	DATE 10/93
PROJECT NAME FALGOUT CANAL PLANTINGS DEMO REMOVAL		PROJECT NUMBER TE-17	SHEET NUMBER 1 OF 7
APPROVED BY: C.P.A.			



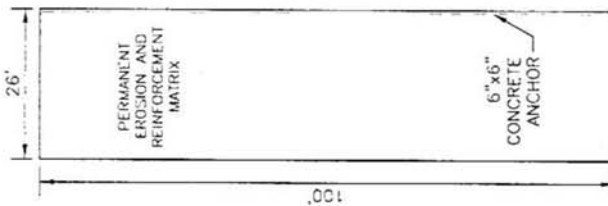




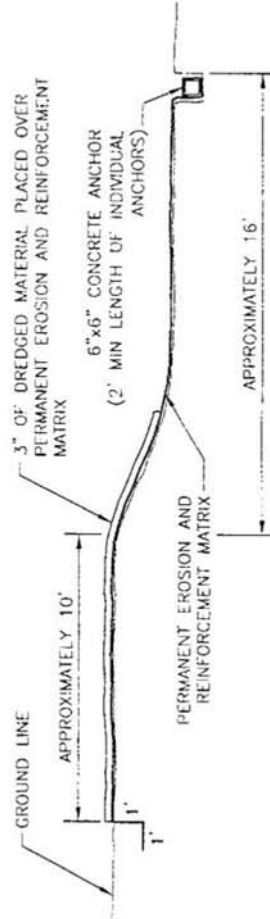
TYPE F - REINFORCEMENT MATRIX
(SEE DETAILS THIS SHEET)
(TO BE REMOVED)



TYPE F - SHORELINE LAYOUT
SCALE: 1" = 20'



TYPE F - REINFORCEMENT MATRIX
SCALE: 1" = 20'



TYPE F - SECTION
SCALE: 1" = 4'

NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL AND DISPOSAL OF THE EXISTING STRUCTURES. THE EXISTING STRUCTURES' CONDITION MAY NOT BE AS DEPICTED ON THESE DRAWINGS DUE TO WEATHER AND WAVE ACTION.
2. THE MATERIAL SHALL BE DISPOSED OF IN ACCORDANCE WITH TITLE 33, PART VII, SUB-PART 1 (SOLID WASTE) OF THE LOUISIANA ENVIRONMENTAL REGULATORY CODE REVISED AS OF DECEMBER 31, 2000. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF HIS METHOD AND LOCATION OF DISPOSAL.
3. CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL COSTS ASSOCIATED WITH THE DEMOLITION, REMOVAL, AND DISPOSAL OF THE EXISTING STRUCTURES.
4. ANY STRUCTURE PENETRATING THE MUDLINE MUST BE REMOVED IN ITS ENTIRETY. IF THIS IS NOT POSSIBLE, ANY AND ALL SUCH STRUCTURES MUST BE REMOVED TO FOUR FEET BELOW THE MUDLINE OR LOWER.
5. PRIOR TO MOBILIZATION, THE CONTRACTOR SHALL CALL LOUISIANA ONE CALL (800) AT 1-800-777-3020 TO LOCATE ANY UTILITY LINES IN THE AREA.
6. DIMENSIONS AND ELEVATIONS WERE ESTABLISHED BEFORE THE INSTALLATION OF STRUCTURES; THEREFORE, ANY AND ALL DIMENSIONS AND ELEVATIONS SHOWN ON THESE PLANS MAY NOT REFLECT "AS-BUILT" OR CURRENT CONDITIONS.
7. ANY WHEELED OR TRACK TYPE VEHICLES USED ON THE PROJECT SITE SHALL BE KEPT AWAY FROM EXISTING VEGETATED WETLANDS, THE SHORELINE, OR ANY OTHER SENSITIVE AREAS. THE CONTRACTOR WILL BE RESPONSIBLE FOR RETURNING ANY DISTURBED WETLANDS TO PRE-PROJECT CONDITIONS AT HIS EXPENSE.

THIS SHEET TYPE F STRUCTURE DETAILS AND NOTES		DATE: 10/03
PROJECT NAME: FALGOUT CANAL, PLANNING AND REMOVAL		SHEET NUMBER
PROJECT NUMBER: TC-17		7 OF 7
LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION 817 NORTH 3RD STREET - 800F FLOOR BATON ROUGE, LOUISIANA 70802		
BY: [blank]	DATE: [blank]	APPROVED BY: C.P.K.
REV: [blank]	DATE: [blank]	DESCRIPTION: [blank]

Attachment II

Inspection Reports

Department of Natural Resources

PROJECT PROGRESS REPORT

Date: July 1, 2004 Contract Day: 2 Job No.: TE-17

Job Name: Falgout Canal Plantings Demonstration Removal

Weather Conditions: Hot and Calm Working Conditions: Good

Personnel:

Superintendent

Forman 1

Operator

Laborer 2

Equipment:

Pickup 1

Excavator 1

Dragline

Barge 1

Boat 1

Work in progress this report and/or remarks: I arrived at the site at approximately 1:00 p.m. on Thursday,
July 1, 2004. The contractor was working on the western site of the type C structures. The contractor has
removed the following:

All of type F structure

All of type E structure

All of type D structure

And the eastern site of type C structure.

The contractor has the following left to complete:

The western site of the type C structure

All of type B structure

And both sites of type a structure.

The contractor expects to be finished the job by late Friday, July 2, 2004 or by early Monday, July 5, 2004.

Shane Triche, E.T.

Construction Manager

Department of Natural Resources

PROJECT PROGRESS REPORT

Date: July 6, 2004 Contract Day: 7 Job No.: TE-17

Job Name: Falgout Canal Plantings Demonstration Removal

Weather Conditions: Hot with Spotty Showers Working Conditions: Good

Personnel:

Superintendent _____

Forman _____

Operator _____

Laborer _____

Equipment:

Pickup _____

Excavator _____

Dragline _____

Barge _____

Boat _____

Work in progress this report and/or remarks: Daniel Dearmond and I arrived at the site at approximately 1:00 p.m. on Tuesday, July 6, 2004. We stopped at the stockpile area and I made a count of materials. I found 49 – pilings (all in good condition), 140 – 4 x 4 posts, 20 rolls of Uniaxial Geogrid (type E geogrid had been cut in half for ease of storage), 3 – Permanent Erosion and Reinforcement Matrixes, and a pile of miscellaneous 2 x 6's and 1 x 4's.

We then conducted a site inspection of the project area. There were three PVC pipes remaining in the project area that I had requested the contractor leave at the ends of the project. A survey was done of the area and no evidence of any remaining items was found. We then removed the PVC pipes and disposed of them at our office.

The project is considered complete and accepted on July 6, 2004.

Shane Triche, E.T.

Construction Manager