

**Timbalier Island Dune/Marsh Restoration Project
TE - 40**

**LDNR CONTRACT NO. 2503-05-35
SCI PROJECT NO. 2272**

PROJECT COMPLETION REPORT



March 2005

**Prepared For:
Louisiana Department of Natural Resources**

Prepared By:
Shaw Coastal, Inc.
197 Elysian Drive
Houma, Louisiana 70363



PROJECT COMPLETION REPORT

Table of Contents

1. Project Managers/Contracting Officer	Page 1
2. Location and Description of Projects as Approved for Construction by Task Force.....	Page 1
3. Final, As-Built Features, Boundaries and Resulting Acreage	Page 1
4. Key Project Cost Elements	Page 2
5. Items of Work	Page 2
6. Construction and Construction Oversight.....	Page 2
7. Major Equipment Used	Page 2
8. Discuss Construction Sequences and Activities, Problems Encountered, Solutions to Problems, etc.....	Page 4
9. Construction Change Orders and Field Changes	Page 5
10. Pipeline and Other Utility Crossings	Page 6
11. Safety and Accidents.....	Page 6
12. Additional Comments Pertaining to Construction, Completed Projects, etc.....	Page 7
13. Significant Construction Dates	Page 8

APPENDICES

- A Progress Schedules
- B Change Order Nos. 1 through 4
Field Order No. 1
- C Pre-Construction Conference
- D Final Acceptance
- E Project Data and Fact Sheet
- F Pre and Post Construction Plan View
- G Overall Project Plan and As-Built Drawings
- H Magnetometer Surveys
- I Report on CD-ROM

PROJECT COMPLETION REPORT

PROJECT NAME: Timbalier Island Dune/Marsh Restoration Project
CWPPRA/STATE PROJECT NO. TE-40

Report Date: March 2005 **By:** Shaw Coastal, Inc.

1. Project Managers/Contracting Officer:

DNR Project Manager	Chris Williams, P.E.	Telephone	225-342-7549
DNR Construction Project Manager	Daniel Dearmond, P.E.	Telephone	985-449-5103
DNR Monitoring Manage	Karen Gray	Telephone	985-449-5072
Federal Agency Project Manager	Patty Taylor, P.E.	Telephone	214-665-6403
Construction Administrator/Inspection	Jeffery M. Peña, P.E.	Telephone	985-868-3434

2. Location and Description of Projects as Approved for Construction by Task Force.

The Timbalier Island Dune/Marsh Restoration Project (TE-40) is a barrier island restoration project located on Timbalier Island in Terrebonne Parish, Louisiana. Timbalier Island is located south of Terrebonne Bay and west of East Timbalier Island. The Island is bordered on the north by Caillou Pass, on the west by Cat Island Pass, on the east by Little Pass Timbalier, and on the south by the Gulf of Mexico.

The site is accessible only by boat. The nearest boat launch is the Coco Marina located in Cocodrie, Louisiana.

The purpose of the project is to restore the eastern part of Timbalier Island using dredged sediment from nearshore sand sources to reconstruct approximately 450 acres of vegetated dunes and marsh platform. Restoring the island will directly rebuild wetland habitat and fortify the outermost barrier of Timbalier Bay. The project is sponsored by the United States Environmental Protection Agency (EPA) and the Louisiana Department of Natural Resources (LDNR) under the Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA).

(Refer to Appendix E for fact sheet and project site map.)

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

The project was constructed as described above. For additional information see attached Appendix F, Pre and Post Construction Plan View and Appendix G, As-Built Drawings.

Approximately 273 acres of vegetated dunes and marsh platforms were created.

4. Key Project Cost Elements

	CWPPRA Project Report Estimates Data **	Cost Incurred as of February 27, 2005
Construction	\$17,959,237.00	\$13,816,200.97
E & D	\$1,886,954.00	\$985,984.67
Land rights	\$202,608.00	\$103,460.86
Monitoring	\$125,406.00	\$15,540.71
O & M	\$0.00	\$0.00
Total	\$20,174,205.00	\$14,921,187.20

**Most recent estimate from CWPPRA Project estimates Report produced by USACOE.

** See Appendix E, CWPPRA Report.

5. Items of Work

Schedule of Items								
Item No.	Work	Est. Quan.	Unit	Estimated Unit Price	Estimated Amount	Bid Quan.	Bid Unit Price	Bid Amount
Base Bid								
1	Mobilization and Demobilization	1	LS	\$1,000,000.00	\$1,000,000.00	1	\$950,000.00	\$950,000.00
2	Hydraulic Fill	3,100,000	CY	\$3.10	\$9,610,000.00	3,100,000	\$2.50	\$7,750,000.00
3	Containment Dikes	23,000	LF	\$20.00	\$460,000.00	22,750	\$25.00	\$575,000.00
4	Sand Fencing	22,750	LF	\$7.00	\$159,250.00	22,750	\$4.50	\$102,375.00
5	Grading and Shaping	113.5	100-ft Station	\$600.00	\$68,100.00	113.5	\$1,000.00	\$113,500.00
6	Turbidity Screens	4,800	LF	\$20.00	\$96,000.00	4,800	\$15.00	\$72,000.00
7	Access Dredging	1	LS	\$83,600.00	\$83,600.00	1	\$65,000.00	\$65,000.00
8	Timber Construction	1	LS	\$75,000.00	\$75,000.00	1	\$45,000.00	\$45,000.00
9	Beach Fill	500,000	CY	\$3.10	\$1,550,000.00	500,000	\$2.25	\$1,125,000.00
Original Estimated Amount:					\$13,101,950.00	Original Bid Amount:		\$10,797,875.00

6. Construction and Construction Oversight

Prime Construction Contractor	Weeks Marine, Inc.
Subcontractor	Soil Erosion Services, Inc.;
Subcontractor	Dupre Bros, Inc.; Wilco
Original Construction Contract	\$10,797,875.00
Change Orders	\$2,571,564.24
Final Construction Contract	\$13,369,439.24

Construction Oversight Contractor: Shaw Coastal, Inc.

Construction Oversight Amount: \$221,202.54

7. Major Equipment Used

BTD – 100 – Dredge “Tom James” plus two (2) skudgit anchor barges

Bucket dredge “Weeks Marine, Inc. 542”

Mag 2 quarters barge and waterbarge
Weeks Marine, Inc. 565 crane barge (Clyde)
50 ton grove cherry picker
Cat 966 front-end loader
2 – Cat D6H dozers
2 – Cat D7H dozers
Cat D4 dozer – John Deere 35-min. excavator
2 – Cat 330b long reach marsh buggy excavators
3 – Cat 345b short arm marsh buggy excavators
Wilco W-49 marsh buggy excavator
5 – Tugboats – Caption John, Jeanne James, Kathy Pawy, Delta Doe, BTB-11
BT-841 – water barge
BT-790 – fuel barge
BT-207 – welding barge
BT-210 – deck barge
BT-041 – skidder barge
BT-171 – supply barge
Crew Boat – Flying Cloud
Survey Boat – Steve L.
Inspector's Boat – one (1) with 90 hp motors
Project Manager's Boat – 75 hp motor
Survey Skiff – 75 hp motor
Air Compressor (185 cfm)
Polygon Personnel Carrier
3 – Light Plants
2 – 30 inch "Y" valves
3 – Dump shacks
2 – 4 wheel ATV's
2 – 6 wheel ATV's
Approximately 10,000 feet of 30 inch shore pipe
Approximately 15,000 feet of 30 inch subline

1,500 feet of 30 inch floating pipe

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

- June 6, 2004: Begin construction containment dikes on east end of project working west.
- June 10, 2004 – July 11, 2004: Dredged access channel to island and turn-around and complete.
- June 29, 2004 (1,900 hours): Begin pumping original beach fill template, east to west.
- July 1, 2004: Begin building timber wharf for island access.
- July 12, 2004 – July 14, 2004: Place overflow boxes and turbidity screens.
- July 23, 2004 (900 hours): Complete original beach fill template.
- July 24, 2004: Begin pumping dune/marsh creation area, east to west.
- July 27, 2004: Complete timber wharf.
- August 8, 2004: Complete containment dike construction.
- August 15, 2004: Begin shaping and grading.
- August 27, 2004 – October 6, 2004: Degrade back dike (begin).
- September 13, 2004 – September 19, 2004 and September 20, 2004: Hurricane Ivan – high winds and tides.
- October 1, 2004: Complete dune/marsh creation area.
- October 2, 2004: Begin pumping new beach fill template and repair dune lost to storm (east to west).
- October 6, 2004 – October 12, 2004: Tropical Storm Matthew – heavy rain and high tides.
- October 19, 2004, November 1, 2004 and November 5, 2004: Dress washouts on north side of dune caused by heavy rains.
- October 19, 2004: Turbidity screens removed.
- October 20, 2004: Begin installing sand fencing.
- November 1, 2004: Complete dune repair required.
- November 16, 2004 – November 17, 2004: Seed +8.0 dune with 5,000 pounds gulf annual ryegrass.
- December 20, 2004: Complete new beach fill template.
- December 27, 2004: Complete installing sand fencing.

9. Construction Change Orders and Field Changes.

Change Order No. 1 (September 7, 2004):

Increase the total Construction Cost from \$10,797,875.00 to \$10,844,620.69 with no increase in project construction time.

ITEM NO.	ITEM	UNIT	ORIGINAL QUANTITY	UNIT COST	ORIGINAL BID AMOUNT	ADDITIONAL QUANTITY	COST WITH CHANGE ORDER	ADDITIONAL COST
3	Containment Dikes	LF	23,000	\$25.00	\$575,000	1,305	\$607,625.00	\$32,625.00
7	Access Dredging	LS	LS	LS	\$65,000	LS	\$79,120.69	\$14,120.69
TOTAL:								\$46,745.69

Change Order No. 2 (October 11, 2004):

Increase the total Construction Cost from \$10,844,620.69 to \$13,408,120.69 with no increase in project construction time.

ITEM NO.	ITEM	UNIT	ORIGINAL QUANTITY	UNIT COST	ORIGINAL BID AMOUNT	ADDITIONAL QUANTITY	COST WITH CHANGE ORDER	ADDITIONAL COST
10	Additional Hydraulic Beach Fill (Net Section Borrow)	CY	0	\$2.47	\$0.00	1,000,000	\$2,470,000.00	\$2,470,000.00
11	Mobilization (Hurricane Ivan Repairs)	LS	0	\$15,000.00	\$0.00	1	\$15,000.00	\$15,000.00
12	Containment Dikes (Hurricane Ivan Repairs)	LF	0	\$25.00	\$0.00	2,000	\$50,000.00	\$50,000.00
13	Seeding	AC	0	\$285.00	\$0.00	100	\$28,500.00	\$28,500.00
TOTAL:								\$2,563,500.00

Change Order No. 3 (November 29, 2004):

Increase the total Construction Cost from \$13,408,120.69 to \$13,433,120.69 with no increase in project construction time.

ITEM NO.	ITEM	UNIT	ORIGINAL QUANTITY	UNIT COST	ORIGINAL BID AMOUNT	ADDITIONAL QUANTITY	COST WITH CHANGE ORDER	ADDITIONAL COST
14	Containment Dikes (Tropical Storm Matthew Repairs)	LF	0	\$25.00	\$0.00	1,000	\$25,000.00	\$25,000.00
TOTAL:								\$25,000.00

Change Order No. 4, Balancing (January 31, 2005):

Reduce the total Construction Cost from \$13,433,120.69 to \$13,369,439.24 (decrease of \$63,681.45) with no change in project construction time.

ITEM NO.	ITEM	UNIT	ORIGINAL QUANTITY	UNIT COST	ORIGINAL BID \$ AMOUNT	UNEARNED QUANTITY	UNEARNED \$ AMOUNT
6	Turbidity Screen	LF	4,800	\$15.00	\$72,000.00	3,245.43	\$48,681.45
11	Mobilization (Hurricane Ivan Repairs)	LS	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
TOTAL DECREASE:							\$63,681.45

Field Order No. 1 (August 17, 2004):

This field order provides for a revised sequence of construction to accommodate erosion in the project area, subject to certain stipulations. Information is provided regarding a revised survey baseline and new control points. The field order also provides modified cross-section drawings showing the existing ground profile based on the latest pre-construction survey along with the construction template updated to reflect the revised construction sequence.

This field order also provides clarification of payment for dredging operations. As dredging operations proceed, the quantity dredged each month shall be separated for payment into the two Bid Items 2 and 9 in proportion to the estimated bid quantities for each item. Therefore, in each month's application for payment, the quantity for Bid Item 2 "Hydraulic Dredging" shall equal the product of the total monthly amount dredged and the ratio: $(3,100,000 / 3,600,000)$. The quantity for Bid Item 9 "Beach Fill" shall equal the product of the total monthly amount dredged and the ratio: $(500,000 / 3,600,000)$.

10. Pipeline and Other Utility Crossings.

	<u>Structure</u>	<u>Owner</u>	<u>Rep. To Contact</u>
1.	Pipeline	Hilcorp Pipeline Company	Don Webre (985-397-1323)
2.	Pipeline	Shell Pipeline Company	Lonnie J. Graham (985-804-7347)
3.	Pipeline	El Paso Field Services	Steve Rice (985-857-8002)
4.	Pipeline	ChevronTexaco	Kenneth LeBlanc (504-592-7959)
5.	Pipeline	Tennessee Gas Pipeline Company	Pat Adams (985-223-6139)

11. Safety and Accidents.

Weeks Marine, Inc.'s inspection boat sank overnight due to sudden storm. The boat was unoccupied; there were no injuries.

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

1. During construction, the Sub-Contractor requested a change order due to the fact that assembly of the dock would require drilling underwater. This request was denied because the construction of the dock was shown on the original drawings.
2. After approval from SCI and LDNR, the Contractor was allowed to degrade the back dike to elevation +1.0 rather than +0.6 with cuts every 500 feet to allow exchange of water. This was allowed to protect the freshly placed material from wave action until vegetation could be established.
3. Contractor decided to only install two (2) weir boxes on the western end of the project at approximately Station 106+00. Four (4) pipes were installed under the access road to channel water to the boxes. This method worked well to maintain sediments and material within the project area.
4. A section of flow line was removed in the access channel approximately at Station 173+00. This pipeline was not identified in the construction plans, but was identified during magnetometer surveys. The pipeline company removed the pipeline at no cost (see Appendix H).
5. Approximately 200,000 cubic yards of material was lost due to tropical storms, along with damage to the dune and back berm from water runoff and wave action. These areas were repaired and paid for with change orders.
6. The estimated cut to fill ratio, as calculated, is approximately 1.28:1.0. The ratio is derived from 4.6 million cubic yards of material dredged and approximately 3.6 million cubic yards in-place. The in-place quantity includes the estimated 200,000 cubic yards of lost material due to storms.
7. Future sand fencing projects should have sufficient fence to post tying details. Current fence details are unclear as to how fence is to be tied.
8. As per agreement between the Contractor, DNR and SCI at a bi-weekly progress meeting it was determined that the 225' beach fill would be placed from an elevation +5.0 NAVD at the tow of the dune to an elevation +3.0 NAVD on the gulf side. This change was introduced due to the excessive erosion on previous beach fill placed at elevation +3.0 NAVD. See Appendix G, As-Built Drawings, Sheet 6 of 23.

13. Significant Construction Dates: To be filled out by DNR Construction Project Manager or Contracting Officer for construction for Agency responsible for construction.

ACTION	Date
Bid Opening	March 24, 2004
Construction Contract	June 2, 2004
Preconstruction Conference	April 15, 2004
Notice to Proceed	June 2, 2004
Mobilization	June 8, 2004
Construction Start	June 16, 2004
Construction Completion	December 27, 2004
Final Acceptance	January 7, 2005

If different bids are taken, repeat this table to individually reflect each bid and attach tables.
Other significant Project Dates

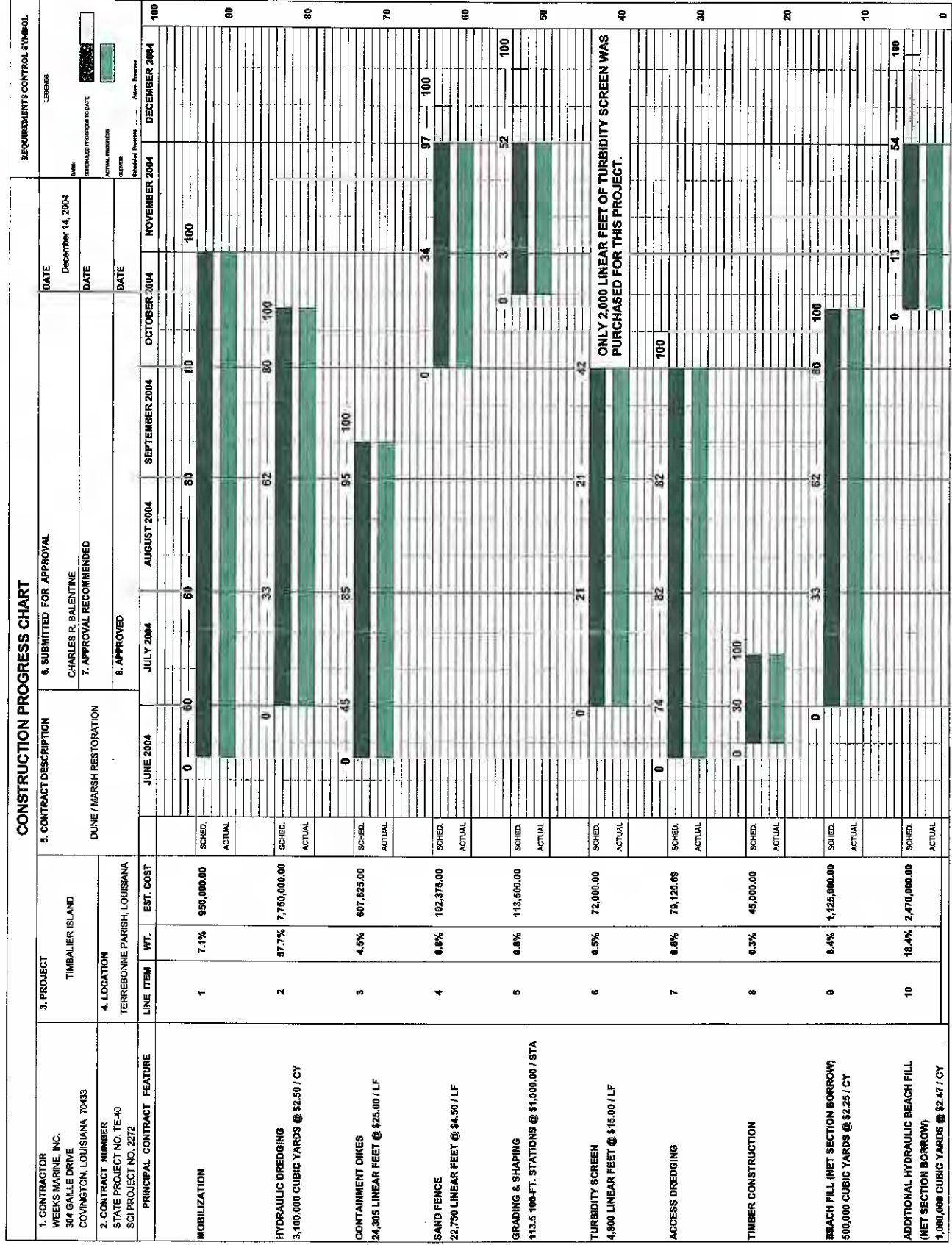
	Date
Project Implementation closeout**	
Start of Preconstruction Monitoring***	
Preconstruction Aerial Photography Acquisition***	
Monitoring Plan Completion***	

** Final implementation closeout is made by either the DNR Project Manager or the Federal Agency Contracting Officer depending on which organization had lead role for construction of project.

*** To be completed by DNR Project Manager.

Appendix A

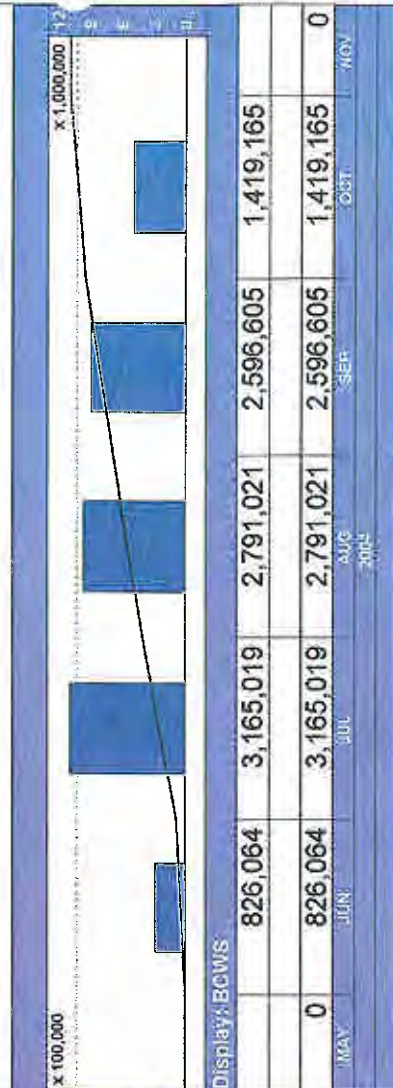
Progress Schedules



ONLY 2,000 LINEAR FEET OF TURBIDITY SCREEN WAS PURCHASED FOR THIS PROJECT.

CONSTRUCTION PROGRESS CHART

CONSTRUCTION PROGRESS CHART										REQUIREMENTS CONTROL SYMBOL	
1. CONTRACTOR WEEKS MARINE, INC. 304 GAILLE DRIVE COWINGTON, LOUISIANA 70433		3. PROJECT TIMBALIER ISLAND		5. CONTRACT DESCRIPTION DUNE / MARSH RESTORATION		6. SUBMITTED FOR APPROVAL CHARLES R. BALENTINE		DATE December 14, 2004		LICENSE	
2. CONTRACT NUMBER STATE PROJECT NO. TE-40 SCI PROJECT NO. 2272		4. LOCATION TERREBONNE PARISH, LOUISIANA				7. APPROVAL RECOMMENDED		DATE		PERSONNEL PRESENT TO DATE	
PRINCIPAL CONTRACT FEATURE		LINE ITEM		WT.		EST. COST		JUNE 2004		JULY 2004	
								AUGUST 2004		SEPTEMBER 2004	
								OCTOBER 2004		NOVEMBER 2004	
								DECEMBER 2004		100	
MOBILIZATION (HURRICANE IVAN REPAIRS)	11	0.1%	15,000.00	SCHED.							
				ACTUAL							
CONTAINMENT DIKES (HURRICANE IVAN REPAIRS) 2,000 LINEAR FEET @ \$25.00 / LF	12	0.4%	50,000.00	SCHED.							
				ACTUAL							
SEEDING 100 ACRES @ \$285.00 / ACRE	13	0.2%	28,500.00	SCHED.							
				ACTUAL							
CONTAINMENT DIKES (TROPICAL STORM MATTHEW REPAIRS) 1,000 LINEAR FEET @ \$25.00 / LF	14	0.2%	25,000.00	SCHED.							
				ACTUAL							
TOTAL CONTRACT		100%	13,435,120.69	SCHED.							
				ACTUAL							

[illegible][illegible]

Weeks Marine, Inc.
304 Gaille Drive
Livingston, LA 70433

Appendix B

Change Order Nos. 1 through 4

CHANGE ORDER NO. 1**PROJECT:**

Timbalier Island Dune/Marsh Restoration Project

DATE OF ISSUANCE:**RECEIVED**
SEP 17 2004**OWNER:**Louisiana Department of Natural Resources
1440 Tiger Drive, Suite B
Thibodaux, Louisiana 70301**OWNER'S PROJECT NO.** CCO

TE-40

CONTRACTOR:Weeks Marine, Inc.
304 Gaille Drive
Covington, Louisiana 70433**ENGINEER:**Shaw Coastal, Inc.
197 Elysian Drive
Houma, Louisiana 70363**CONTRACT FOR:**

Timbalier Island Dune/Marsh Restoration

ENGINEER'S PROJECT NO.

2272

You are directed to make the following changes in the Contract Documents.**Description:**

Increase the total Construction Cost from \$10,797,875.00 to \$10,844,620.69 with no increase in project construction time.

Purpose of Change Order:

See attached summary.

CHANGE IN CONTRACT PRICE:

Original Contract Price

\$ 10,797,875.00

Previous Change Orders No. 0 to No.0

\$ 0.00

Contract Price Prior to this Change Order

\$ 10,797,875.00

Net Increase of this Change Order

\$ 46,745.69

Contract Price with all approved Change Orders

\$ 10,844,620.69

CHANGE IN CONTRACT TIME:

Original Contract Time

210 Calendar Days

days or date

Net Change from previous Change Orders

0 Days

days

Contract Time Prior to this Change Order

210 Calendar Days

days or date

Net Increase of this Change Order

0 Days

date

Contract Time with all approved Change Orders

210 Calendar Days

days or date

RECOMMENDED:By: 

PROJECT MANAGER

Date: 9/17/04

APPROVED:By: 

LDNR

Date: 9/20/2004

APPROVED:By: 

Weeks Marine, Inc.

Date: 9/2/2004

RECEIVED
SEP 17 2004
CD

Louisiana Department of Natural Resources
TIMBALIER ISLAND DUNE/MARSH RESTORATION PROJECT

SCI Project No. 2272

Change Order No. 1 Summary

Change Order No. 1 will increase the total Construction Cost from \$10,797,875.00 to \$10,844,620.69 with no increase in project construction time.

The following Bid Items will be modified:

ITEM NO.	ITEM	UNIT	ORIGINAL QUANTITY	UNIT COST	ORIGINAL BID AMOUNT	ADDITIONAL QUANTITY	COST WITH CHANGE ORDER	ADDITIONAL COST
3	Containment Dikes	LF	23,000	\$25.00	\$575,000	1,305	\$607,625.00	\$32,625.00
7	Access Dredging	LS	LS	LS	\$65,000	LS	\$79,120.69	\$14,120.69
							TOTAL:	\$46,745.69

K:\2272\CHANGE ORDERS\NO. 1\SUMMARY.DOC



ORDER CHANGE

STATE OF LOUISIANA
OFFICE OF STATE PURCHASING
STATE PURCHASE ORDER (FRM REQ)

NOT FOR POST
INFORMATION AND
FILES ONLY
RECEIVED
2004 OCT 19 PM 2:51
COPY

COASTAL RESTORATION

CHANGE NUMBER 01						DATE PRINTED 10/04/04		ORDER NUMBER 3739838			
VENDOR NAME, STREET, CITY, STATE, ZIP CODE WEEKS MARINE INC 304 GAILLE DR COVINGTON, LA 70433						ALL TERMS AND CONDITIONS IN THE SOLICITATION ARE PART OF THIS, ORDER AS IF FULLY REPRODUCED HEREIN.					
						FILE NUMBER : K25547DL PURCHASING AGENCY NO.: 107001				FY: 05	
						ADDRESS ALL INQUIRIES AND CORRESPONDENCE TO: DOROTHEA YOUNG, CPPB (225)342 8022					
BILL TO: DEPARTMENT OF NATURAL RESOURCES CRD-CONSTRUCTION PROJECT ATTN: CHRIS WILLIAMS P O BOX 44027 BATON ROUGE, LA 70804-4027						SHIP FOB DESTINATION TO: (UNLESS SPECIFIED ELSEWHERE) DEPARTMENT OF NATURAL RESOURCES CRD - CONSTRUCTION PROJECT CRD-FIELD OFFICE PROJECT SITE, LA 00000					
						CONTACT FOR DELIVERY INSTRUCTIONS (NAME, TELEPHONE) SAM PRIDDY / CHRIS WILLIAMS (225)342-5023-7549					
VENDOR NO. 135475810-00		AWARD CODE 1	SOLIC CODE I	BUYER CODE D	COMPL CODE F	ISIS REQ NUMBER 1257741	AGENCY REQ NUMBER CRD040459	SOLICIT NUMBER 2186355	CONTRACT NUMBER	REQ AGENCY: 435002 OFFICE OF STATE PURCHASING DEPT OF NATURAL RESOURCES	
PROMPT PAYMENT TERMS NONE				DELIVERY TERMS/FOB POINT AS SPECIFIED DESTINATION		TOTAL AMOUNT OF THIS CHANGE \$ 46745.69		TYPE OF CHANGE INCREASE FUNDS		NET ORDER AMOUNT \$ 10844620.69	
LINE NO.	COMMODITY/SERVICE DESCRIPTION						QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT	
00002	COMMODITY CODE: 962-73-000000 DELIVERY TERMS: SEE HEADER PAGE AMOUNT CONTINUED FROM LINE 00001, \$5,398,937.50. ADD CHANGE ORDER NO. 1. (+ \$46,745.69) JOB COST INCREASE DUE TO NEED FOR ADDITIONAL CONTAINMENT DIKES AND ADDITIONAL REQUIRED ACCESS DREDGING. COST BREAKDOWN: CONTAINMENT DIKES - \$32,625.00 ACCESS DREDGING - \$14,120.69						1	JOB	\$ 5445683.19	\$ 5445683.19	
APPROVED: <u>Dorothea Young</u> DENISE LEA DIRECTOR OF STATE PURCHASING											

ATTACHMENT TEXT		INCREASE FUNDS	
NUMBER : 3739838 VENDOR NUMBER: 135475810-00		VENDOR: WEEKS MARINE INC	PAGE 2
<p>CHANGE ORDER NO. 1 - INCREASE CONTRACT PRICE + \$46,745.69. (NEW TOTAL = \$10,844,620.69</p>			

CHANGE ORDER NO. 2

RECEIVED
OCT 14 2004

PROJECT:

Timbalier Island Dune/Marsh Restoration Project

DATE OF ISSUANCE:

OWNER:

Louisiana Department of Natural Resources
1440 Tiger Drive, Suite B
Thibodaux, Louisiana 70301

OWNER'S PROJECT NO. CCD

TE-40

CONTRACTOR:

Weeks Marine, Inc.
304 Gaille Drive
Covington, Louisiana 70433

ENGINEER:

Shaw Coastal, Inc.
197 Elysian Drive
Houma, Louisiana 70363

CONTRACT FOR:

Timbalier Island Dune/Marsh Restoration

ENGINEER'S PROJECT NO.

2272

You are directed to make the following changes in the Contract Documents.

Description:

Change Order No. 2 increases the total Construction Cost from \$10,844,620.69 to \$13,408,120.69 with no increase in project construction time.

Purpose of Change Order:

See attached summary.

CHANGE IN CONTRACT PRICE:

Original Contract Price

\$ 10,797,875.00

Previous Change Orders No. 1 to No.1

\$ 46,745.69

Contract Price Prior to this Change Order

\$ 10,844,620.69

Net increase of this Change Order

\$ 2,563,500.00

Contract Price with all approved Change Orders

\$ 13,408,120.69

CHANGE IN CONTRACT TIME:

Original Contract Time

210 Calendar Days

days or date

Net Change from previous Change Orders

0 Days

days

Contract Time Prior to this Change Order

210 Calendar Days

days or date

Net Increase of this Change Order

0 Days

date

Contract Time with all approved Change Orders

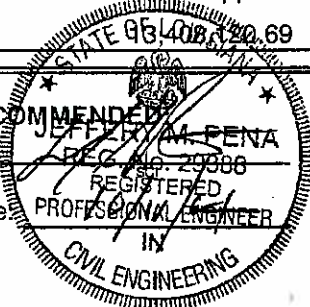
210 Calendar Days

days or date

RECOMMENDED:

By:

Date:



APPROVED:

By:

Date:

David Pearson
LDR

10/14/2004

APPROVED:

By:

Date:

J. Stephen Chalk
VICE PRES.
Weeks Marine, Inc.

10/7/04

RECEIVED
OCT 14 2004
CCT

**Louisiana Department of Natural Resources
TIMBALIER ISLAND DUNE/MARSH RESTORATION PROJECT**

SCI Project No. 2272

Change Order No. 2 Summary

Change Order No. 2 will increase the total Construction Cost from \$10,844,620.69 to \$13,408,120.69 with no increase in project construction time.

The following Bid Item will be added:

ITEM NO.	ITEM	UNIT	ORIGINAL QUANTITY	UNIT COST	ORIGINAL BID AMOUNT	ADDITIONAL QUANTITY	COST WITH CHANGE ORDER	ADDITIONAL COST
10	Additional Hydraulic Beach Fill (Net Section Borrow)	CY	0	\$2.47	\$0.00	1,000,000	\$2,470,000.00	\$2,470,000.00
11	Mobilization (Hurricane Ivan Repairs)	LS	0	\$15,000.00	\$0.00	1	\$15,000.00	\$15,000.00
12	Containment Dikes (Hurricane Ivan Repairs)	LF	0	\$25.00	\$0.00	2,000	\$50,000.00	\$50,000.00
13	Seeding	AC	0	\$285.00	\$0.00	100	\$28,500.00	\$28,500.00
							TOTAL:	\$2,563,500.00

The total additional quantity has been estimated to be between 400,000 cy and 1,000,000 cy. The exact additional quantity (within the above mentioned range) will be dependent upon the amount of contract dredge quantity remaining from the original bid quantity of dredge material (3,600,000 cy). This additional material will be placed as per the attached cross sections after the remaining quantity has been placed.

Also, as part of Change Order No. 2, Weeks Marine, Inc. (WMI) will place the remaining quantity of original dredge material as beach fill as shown on the attached cross sections. This beach fill shall begin at the eastern end of the project and proceed westward and will be paid as per Field Order No. 1.

The additional beach fill quantities will be determined and paid for by borrow area surveys.

Weeks Marine, Inc. (WMI) shall reconstruct approximately 2,000 feet of dune on the eastern end of the Island damaged by Hurricane Ivan. This work shall include the construction of up to 2,000 feet of dike at \$25.00 per foot and mobilization of additional equipment at a lump sum cost of \$15,000.00. The work will follow the specifications for Dike Construction and Mobilization.

In the event adverse weather dictates the cessation of operations at any time during the performance of additional work and WMI must demobilize from the site, the additional work directed by this Change Order will be terminated. However, WMI may request approval from Louisiana Department of Natural Resources (LDNR) to remobilize to the site and recommence dredging operations in order to complete the additional work.

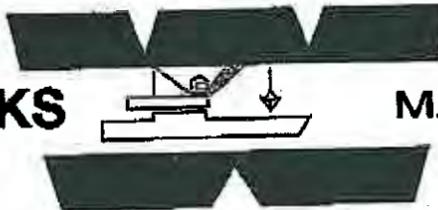
WMI shall seed the dune platform within the project area. The following specifications shall be followed:

Gulf Annual Rye Seed (*Lolium multiflorum*) is to be dispersed onto the island shortly after all construction, including dredging/grading activities and sand fence installation, is completed.

A total of 5,000 lbs. of Gulf Annual Rye (*Lolium multiflorum*) grass seed shall be evenly dispersed onto the dune platform of Timbalier Island. Fifty (50) lbs. of rye grass seed are required per acre. Approximately 100 acres of the dune platform is to be seeded. Seed dispersal shall be uniform across the entire dune platform.

KA2272\CHANGE ORDERS\NO. 2\SUMMARY.DOC

RECEIVED
OCT 14 2004
ccw

**WEEKS MARINE, INC.**

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

October 4, 2004

Shaw Coastal, Inc.
197 Elysian Drive
Houma, LA 70363

Attn: Jeffery Pena, P.E.

Re: Timbalier Island Dune/Marsh Restoration Project

Dear Mr. Pena:

In accordance with discussions during the site meeting of September 24, 2004, Weeks Marine, Inc. (WMI) hereby submits its proposal to perform additional work on the referenced project. The following terms and conditions of the proposal are provided for your review and acceptance:

- 1) WMI shall place approximately 1,000,000 cubic yards of fill in addition to the base contract quantity of 3,600,000 cubic yards. The additional fill material shall be placed on the beach between Stations 206+00 and 92+50. Fill operations shall commence in the area of Station 206+00 and proceed in a westerly direction.
- 2) The additional fill quantity shall be placed at a unit price of \$2.47 per cubic yard. The pay quantity shall be determined by borrow area survey.
- 3) Due to the loss of dune associated with Hurricane Ivan, WMI shall reconstruct approximately 2,000 feet of dune on the eastern end of the island. The contract unit price of \$25.00 per linear foot shall apply to the actual quantity of dike completed. It is anticipated that WMI will be able to utilize equipment currently on the island. If it is necessary to mobilize additional marsh buggies to perform the dune reconstruction, a lump sum of \$15,000.00 shall be charged for mobilization and demobilization.
- 4) In the event adverse weather dictates the cessation of operations at any time during the performance of additional work, and WMI must demobilize from the site, the additional work directed by this change order will be terminated. However, WMI may request approval from LDNR to remobilize to the site and recommence dredging operations in order to complete the additional work.

Timbalier
October 4, 2004
Page 2

5) WMI proposes to seed approximately 100 acres of dune with 5,000 lbs of gulf annual rye seed for a price of \$285 per acre. The work will be performed in conjunction with the construction of sand fencing. The price includes seeding only, fertilizing is not required.

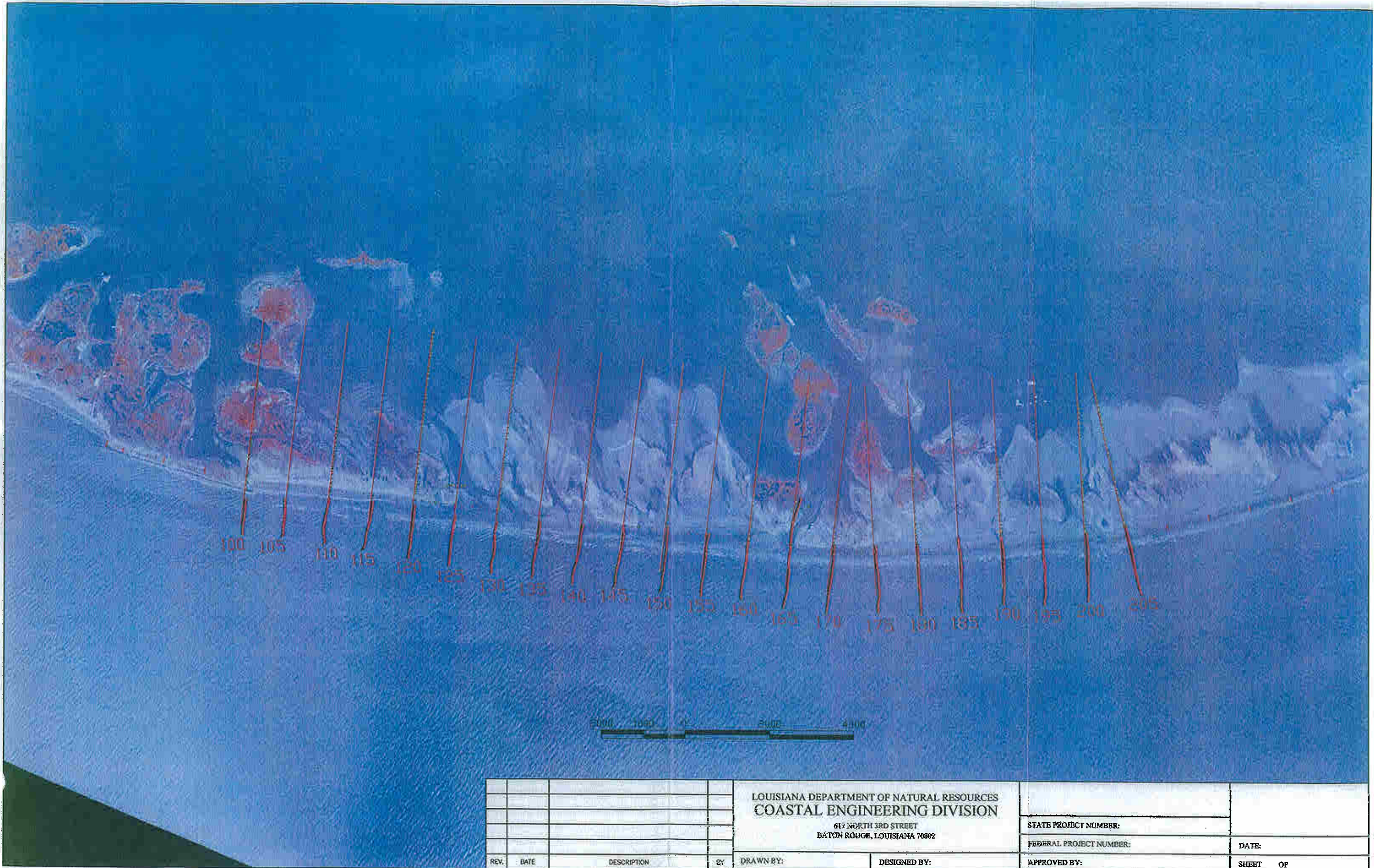
If you have any questions or require additional information regarding this proposal please contact me.

Sincerely,

WEEKS MARINE, INC.



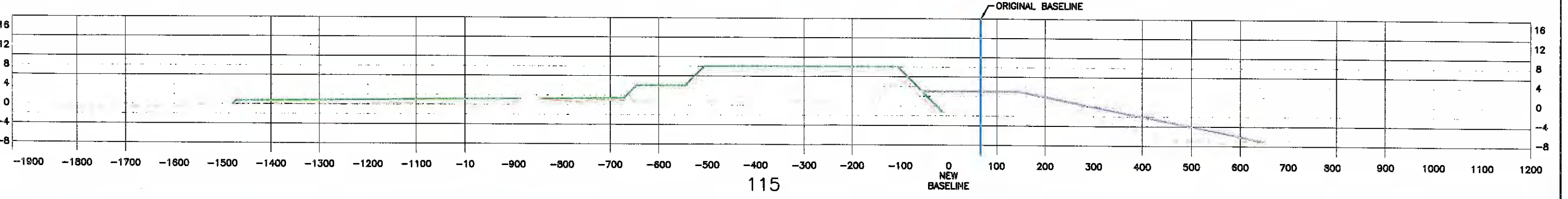
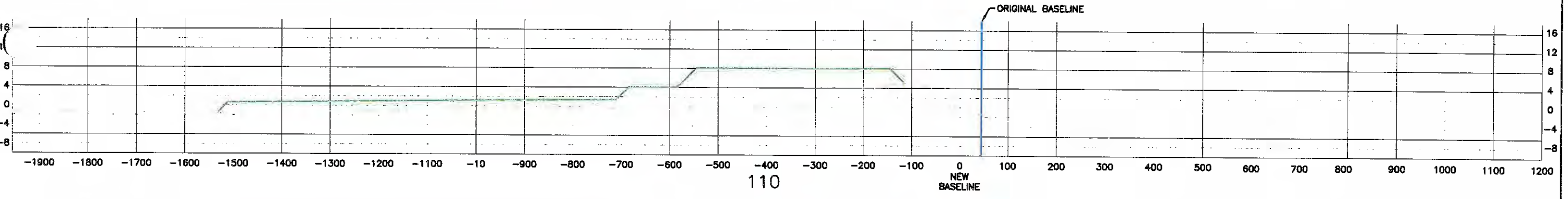
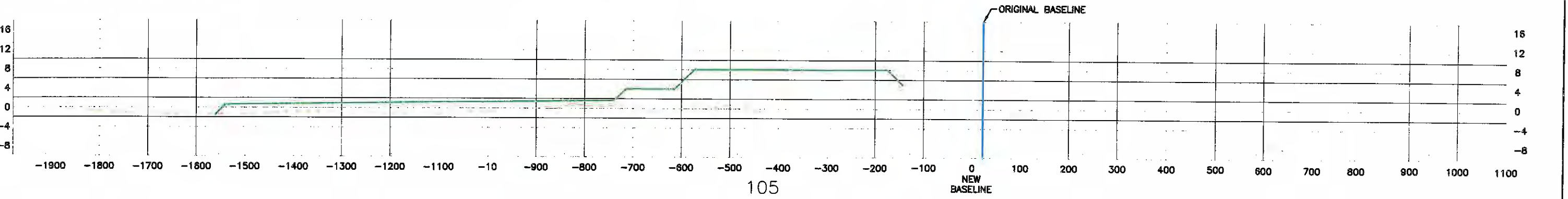
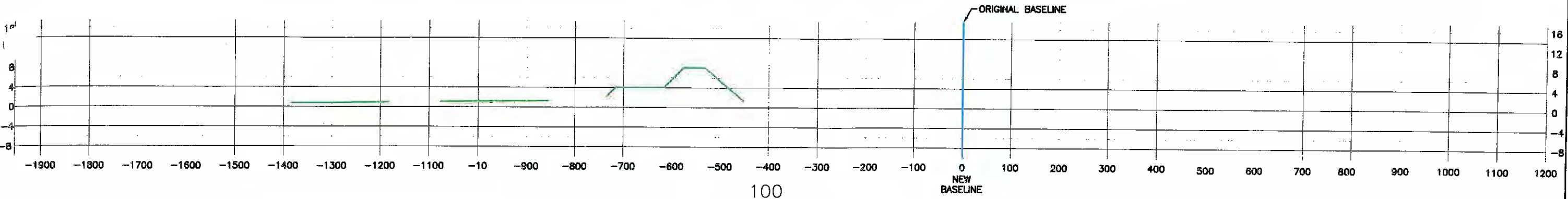
J. Stephen Chatry
Vice President



				LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION 617 NORTH 3RD STREET BATON ROUGE, LOUISIANA 70802			
						STATE PROJECT NUMBER:	
						FEDERAL PROJECT NUMBER:	
						DATE:	
REV.	DATE	DESCRIPTION	BY	DRAWN BY:	DESIGNED BY:	APPROVED BY:	SHEET OF

TIMBALIER BAY

GULF OF MEXICO



LEGEND

TEMPLATE

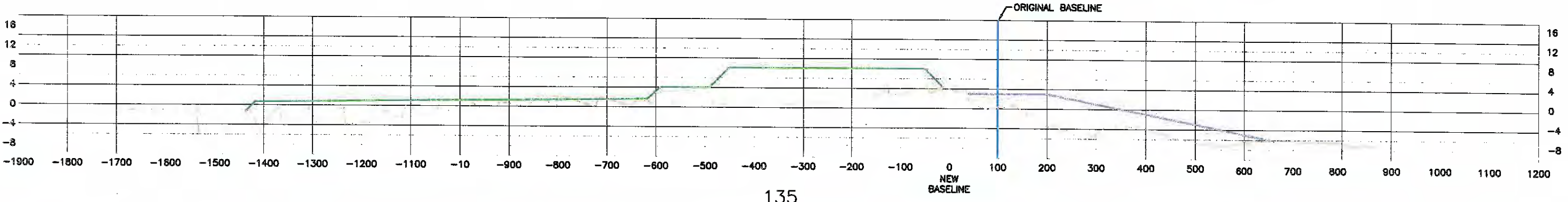
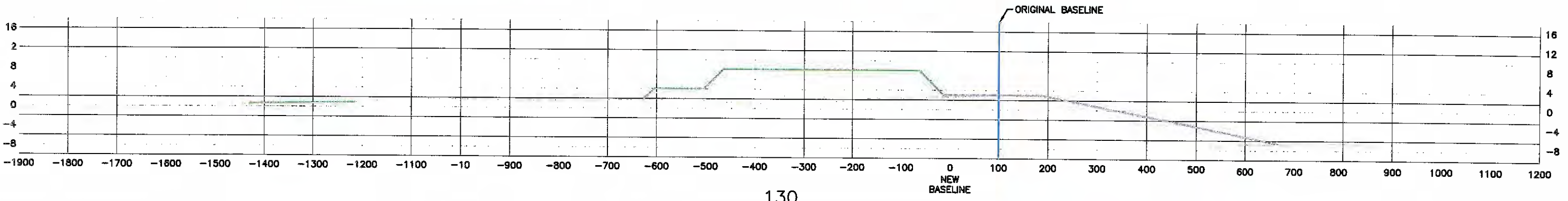
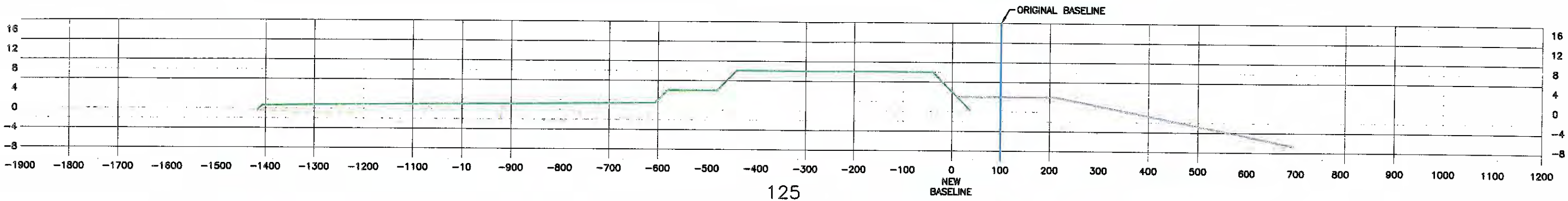
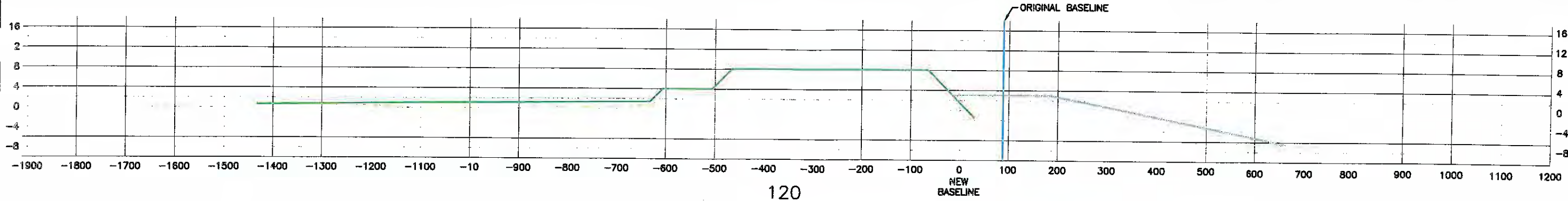
200' BERM WITH 1:50 SLOPE

PRE-CONSTRUCTION SURVEY PROFILE

NOTE:
THE GULF SIDE BEACH FILL TEMPLATE AS
DEPICTED ON SHEET 6 OF 23 OF THE
CONSTRUCTION PLANS HAS BEEN REVISED
AS FOLLOWS. THE BERM WIDTH HAS BEEN
REDUCED FROM 300' TO ±200'. THE
BEACH SLOPE HAS BEEN FLATTEN FROM
30:1 TO 50:1.

G:\Users\Autocad\BASINS\TE\TE-40 Timbalier\2004\Profiles (June 15 2004).dwg

				LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION 617 NORTH 3RD STREET BATON ROUGE, LOUISIANA 70802	TIMBALIER ISLAND DUNE/MARSH RESTORATION PROJECT		CROSS SECTIONS
					STATE PROJECT NUMBER: TE-40		
					FEDERAL PROJECT NUMBER:		DATE: 10/4/04
REV.	DATE	DESCRIPTION	BY		DRAWN BY: KRISTI CANTU	DESIGNED BY: BEAU TATE, P.E.	APPROVED BY: LUKE LEBAS, P.E.



LEGEND

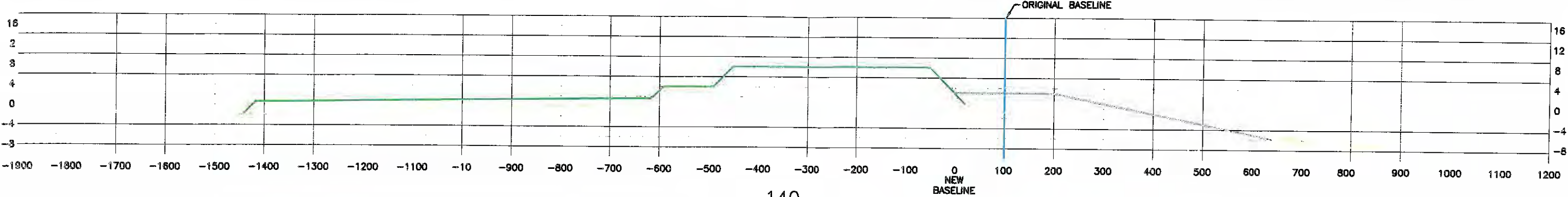
TEMPLATE

200' BERM WITH 1:50 SLOPE

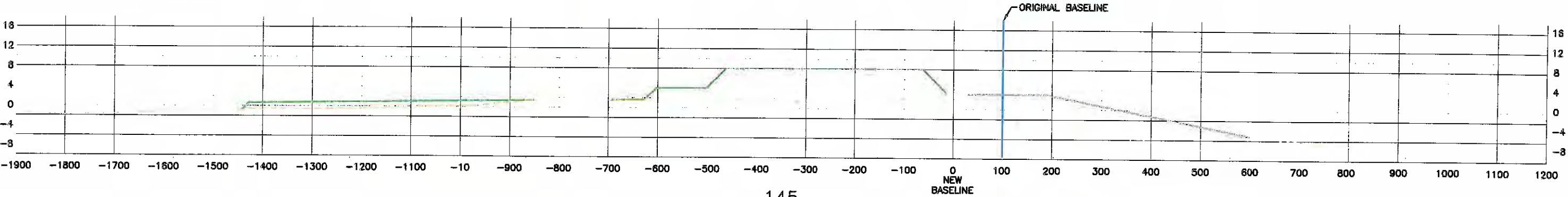
PRE-CONSTRUCTION SURVEY PROFILE

NOTE:
THE GULF SIDE BEACH FILL TEMPLATE AS
DEPICTED ON SHEET 6 OF 23 OF THE
CONSTRUCTION PLANS HAS BEEN REVISED
AS FOLLOWS. THE BERM WIDTH HAS BEEN
REDUCED FROM 300' TO ±200'. THE
BEACH SLOPE HAS BEEN FLATTEN FROM
30:1 TO 50:1.

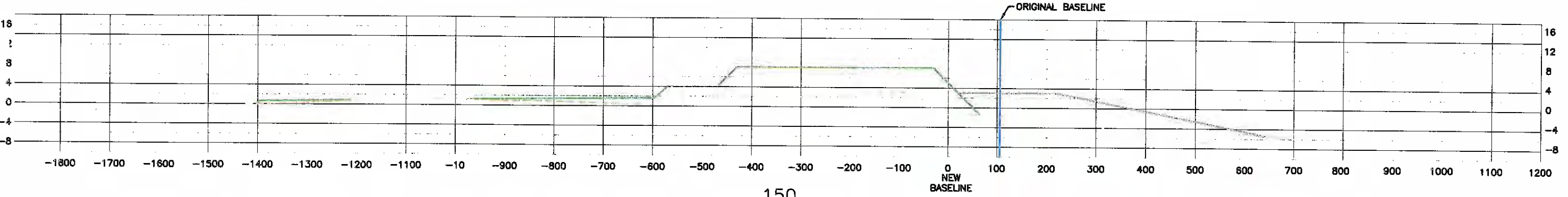
				LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION 617 NORTH 3RD STREET BATON ROUGE, LOUISIANA 70802	TIMBALIER ISLAND DUNE/MARSH RESTORATION PROJECT		CROSS SECTIONS
					STATE PROJECT NUMBER: TE-40		
					FEDERAL PROJECT NUMBER:		DATE: 10/4/04
REV.	DATE	DESCRIPTION	BY		DRAWN BY: KRISTI CANTU	DESIGNED BY: BEAU TATE, P.E.	APPROVED BY: LUKE LEBAS, P.E.



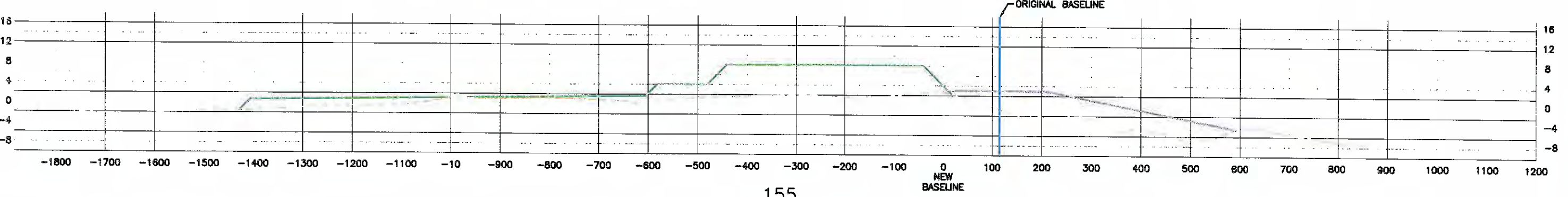
140



145



150



155

LEGEND

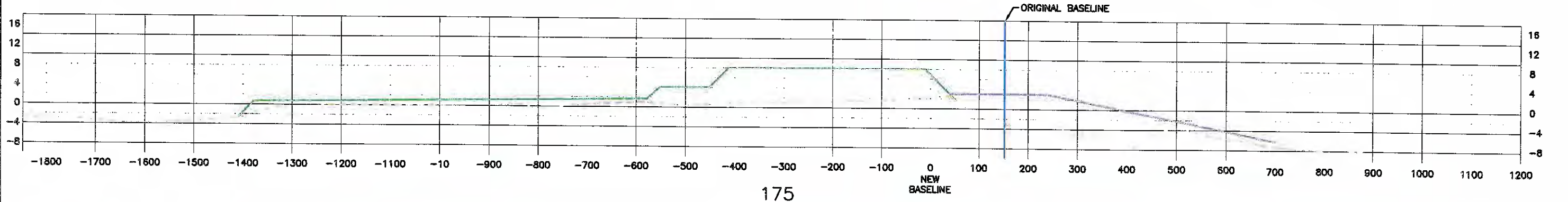
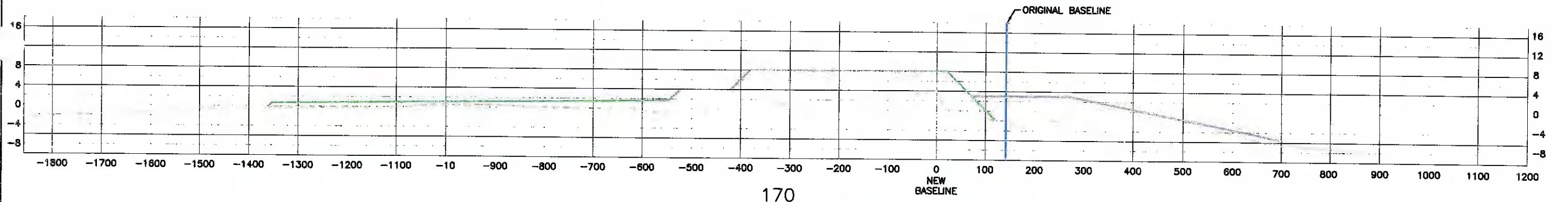
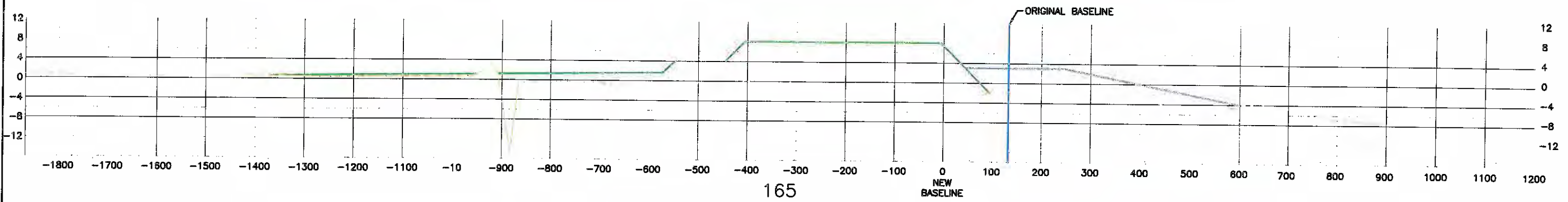
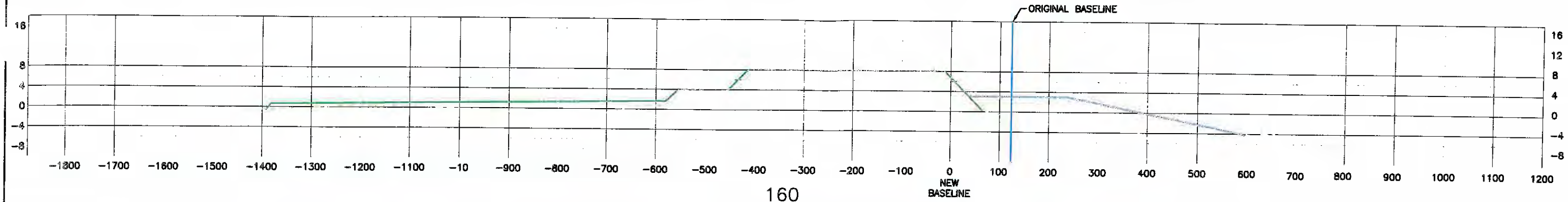
TEMPLATE

200' BERM WITH 1:50 SLOPE

PRE-CONSTRUCTION SURVEY PROFILE

NOTE:
THE GULF SIDE BEACH FILL TEMPLATE AS
DEPICTED ON SHEET 6 OF 23 OF THE
CONSTRUCTION PLANS HAS BEEN REVISED
AS FOLLOWS. THE BERM WIDTH HAS BEEN
REDUCED FROM 300' TO ±200'. THE
BEACH SLOPE HAS BEEN FLATTEN FROM
30:1 TO 50:1.

				LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION 617 NORTH 3RD STREET BATON ROUGE, LOUISIANA 70802		TIMBALIER ISLAND DUNE/MARSH RESTORATION PROJECT		CROSS SECTIONS
						STATE PROJECT NUMBER: TE-40		
						FEDERAL PROJECT NUMBER:		DATE: 10/4/04
REV.	DATE	DESCRIPTION	BY			DRAWN BY: KRISTI CANTU	DESIGNED BY: BEAU TATE, P.E.	APPROVED BY: LUKE LEBAS, P.E.



LEGEND

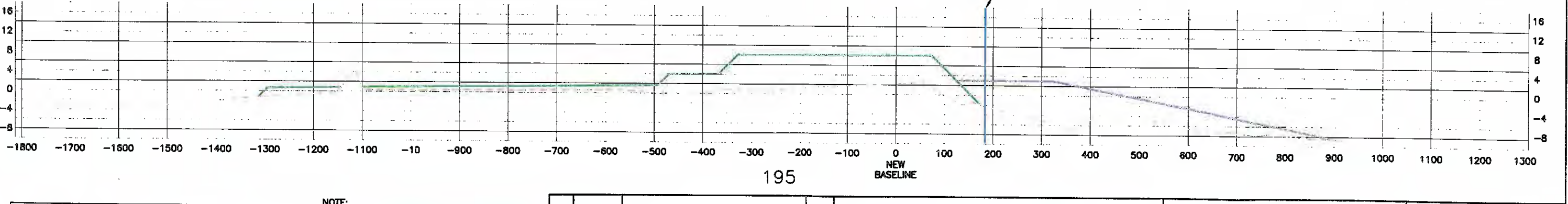
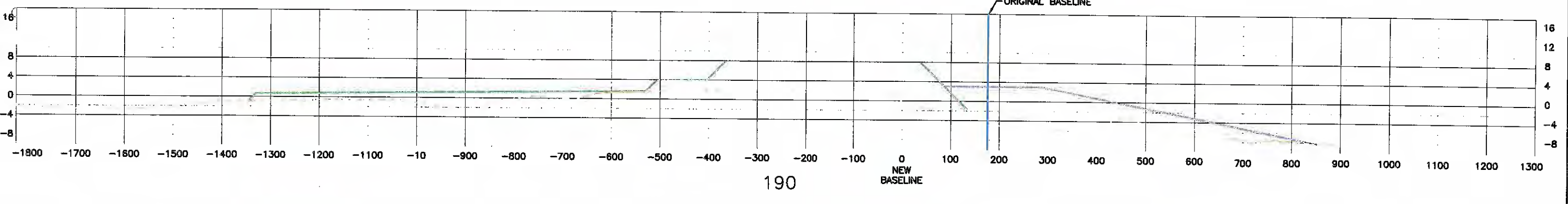
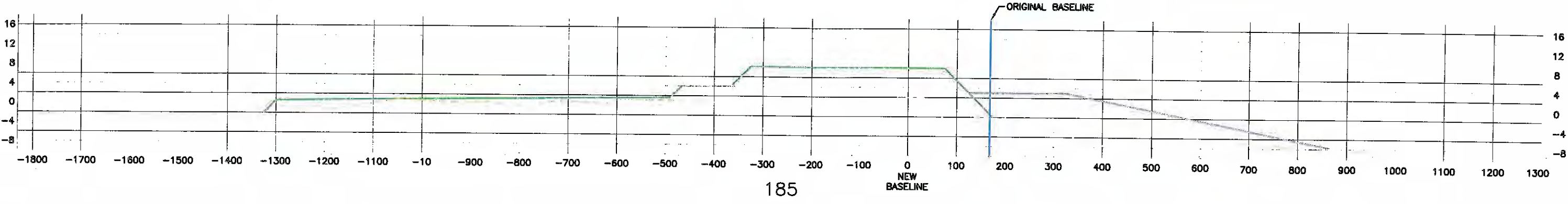
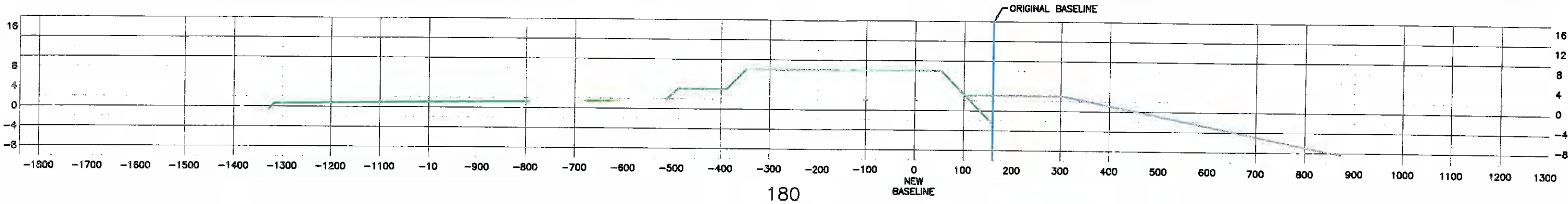
TEMPLATE

200' BERM WITH 1:50 SLOPE

PRE-CONSTRUCTION SURVEY PROFILE

NOTE:
THE GULF SIDE BEACH FILL TEMPLATE AS
DEPICTED ON SHEET 6 OF 23 OF THE
CONSTRUCTION PLANS HAS BEEN REVISED
AS FOLLOWS. THE BERM WIDTH HAS BEEN
REDUCED FROM 300' TO ±200'. THE
BEACH SLOPE HAS BEEN FLATTENED FROM
30:1 TO 50:1.

				LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION 617 NORTH 3RD STREET BATON ROUGE, LOUISIANA 70802	TIMBALIER ISLAND DUNE/MARSH RESTORATION PROJECT		CROSS SECTIONS
					STATE PROJECT NUMBER: TE-40		
					FEDERAL PROJECT NUMBER:		DATE: 10/4/04
REV.	DATE	DESCRIPTION	BY		DRAWN BY: KRISTI CANTU	DESIGNED BY: BEAU TATE, P.E.	APPROVED BY: LUKE LEBAS, P.E.



LEGEND

TEMPLATE

200' BERM WITH 1:50 SLOPE

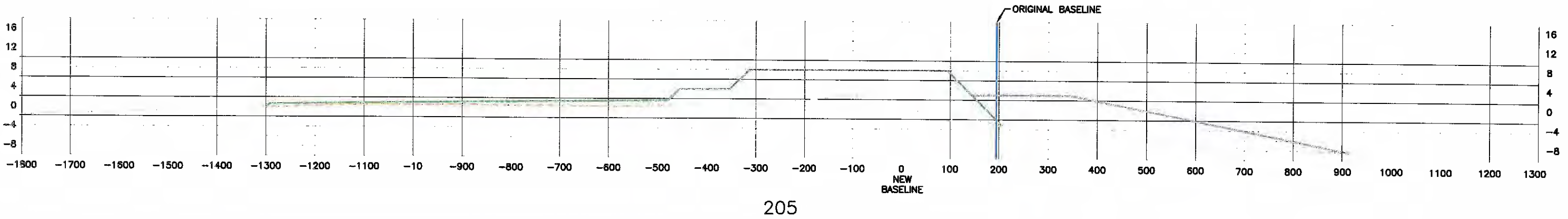
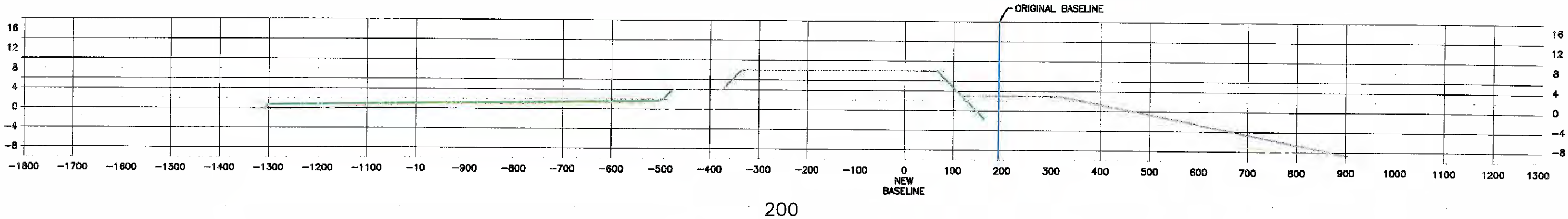
PRE-CONSTRUCTION SURVEY PROFILE

NOTE:
THE GULF SIDE BEACH FILL TEMPLATE AS
DEPICTED ON SHEET 6 OF 23 OF THE
CONSTRUCTION PLANS HAS BEEN REVISED
AS FOLLOWS. THE BERM WIDTH HAS BEEN
REDUCED FROM 300' TO ±200'. THE
BEACH SLOPE HAS BEEN FLATTEN FROM
30:1 TO 50:1.

					LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION 617 NORTH 3RD STREET BATON ROUGE, LOUISIANA 70802	TIMBALIER ISLAND DUNE/MARSH RESTORATION PROJECT		CROSS SECTIONS
						STATE PROJECT NUMBER: TE-40		
						FEDERAL PROJECT NUMBER:		DATE: 10/4/04
REV.	DATE	DESCRIPTION	BY			DRAWN BY: KRISTI CANTU	DESIGNED BY: BEAU TATE, P.E.	APPROVED BY: LUKE LEBAS, P.E.

TIMBALIER BAY

GULF OF MEXICO



LEGEND

TEMPLATE

200' BERM WITH 1:50 SLOPE

PRE-CONSTRUCTION SURVEY PROFILE

NOTE:
THE GULF SIDE BEACH FILL TEMPLATE AS
DEPICTED ON SHEET 6 OF 23 OF THE
CONSTRUCTION PLANS HAS BEEN REVISED
AS FOLLOWS. THE BERM WIDTH HAS BEEN
REDUCED FROM 300' TO ±200'. THE
BEACH SLOPE HAS BEEN FLATTEN FROM
30:1 TO 50:1.

REV.	DATE	DESCRIPTION	BY

LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION 617 NORTH 3RD STREET BATON ROUGE, LOUISIANA 70802		TIMBALIER ISLAND DUNE/MARSH RESTORATION PROJECT		CROSS SECTIONS
		STATE PROJECT NUMBER: TE-40		
		FEDERAL PROJECT NUMBER:		DATE: 10/4/04
DRAWN BY: KRISTI CANTU	DESIGNED BY: BEAU TATE, P.E.	APPROVED BY: LUKE LEBAS, P.E	SHEET 6 OF 6	



ORDER CHANGE

COPY

STATE OF LOUISIANA
OFFICE OF STATE PURCHASING
STATE PURCHASE ORDER (FRM REQ)

CHANGE NUMBER 02		DATE PRINTED 10/29/04		ORDER NUMBER 3739838	
VENDOR NAME, STREET, CITY, STATE, ZIP CODE WEEKS MARINE INC 304 GAILLE DR COVINGTON, LA 70433				ALL TERMS AND CONDITIONS IN THE SOLICITATION ARE PART OF THIS ORDER AS IF FULLY REPRODUCED HEREIN.	
				FILE NUMBER : K25547DL PURCHASING AGENCY NO.: 107001	
				FY: 05	
				ADDRESS ALL INQUIRIES AND CORRESPONDENCE TO: DOROTHEA YOUNG, CPPB (225)342 8022	
BILL TO: DEPARTMENT OF NATURAL RESOURCES CRD-CONSTRUCTION PROJECT ATTN: CHRIS WILLIAMS P O BOX 44027 BATON ROUGE, LA 70804-4027				SHIP FOB DESTINATION TO: (UNLESS SPECIFIED ELSEWHERE) DEPARTMENT OF NATURAL RESOURCES CRD - CONSTRUCTION PROJECT CRD-FIELD OFFICE PROJECT SITE, LA 00000	
				CONTACT FOR DELIVERY INSTRUCTIONS (NAME, TELEPHONE) SAM PRIDDY / CHRIS WILLIAMS (225)342-5023-7549	
VENDOR NO. 135475810-00	AWARD CODE 1	SOLIC CODE 1	BUYER CODE D	COMPL CODE F	ISIS REQ NUMBER 1257741
				AGENCY REQ NUMBER CRD040459	SOLICIT NUMBER 2186355
				CONTRACT NUMBER	
				REQ AGENCY: 435002 OFFICE OF STATE PURCHASING DEPT OF NATURAL RESOURCES	
PROMPT PAYMENT TERMS NONE			DELIVERY TERMS/FOB POINT AS SPECIFIED DESTINATION	TOTAL AMOUNT OF THIS CHANGE \$ 2563500.00	TYPE OF CHANGE INCREASE FUNDS
			NET ORDER AMOUNT \$ 13408120.69		
LINE NO.	COMMODITY/SERVICE DESCRIPTION			QUANTITY	UNIT
				UNIT PRICE	EXTENDED AMOUNT
00001	COMMODITY CODE: 962-73-000000 DELIVERY TERMS: SEE HEADER PAGE FURNISH ALL MATERIAL, LABOR, SUPPLIES, TOOLS AND EQUIPMENT NECESSARY TO DREDGE & PLACE APPROXIMATELY 3.9 MILLION CUBIC YARDS OF SAND FILL MATERIAL ON THE EASTERN END OF TIMBALIER ISLAND TO CONSTRUCT DUNES, DIKES & CREATE A MARSH PLATFROM ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH THE PROJECT PLANS AND SPECIFICATIONS. SEE BREAKDOWN OF BASE BID ATTACHED.			1	JOB
				\$ 5398937.50	\$ 5398937.50
00002	COMMODITY CODE: 962-73-000000 DELIVERY TERMS: SEE HEADER PAGE AMOUNT CONTINUED FROM LINE 00001			1	JOB
				\$ 5445683.19	\$ 5445683.19
00003	COMMODITY CODE: 962-73-000000			1	JOB
				\$ 2563500.00	\$ 2563500.00
APPROVED: <u>Dorothea Young</u> DENISE LEA DIRECTOR OF STATE PURCHASING					

CHANGE ORDER		INCREASE FUNDS		
NUMBER : 3739838 VENDOR NUMBER : 135475810-00		VENDOR: WEEKS MARINE INC		PAGE 2
COMMODITY/SERVICE DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
DELIVERY TERMS: SEE HEADER PAGE				
*****CHANGE ORDER 02*****				
#10 ADDITIONAL HYDRAULIC BEACH FILL (NET SECTION BARROW) \$2,470,000.00				
#11 MOBILIZATION (HURRICANE IVAN REPAIRS \$15,000.00				
#12 CONTAINMENT DIKES (HURRICANE IVAN REPAIRS) \$50,000.00				
#13 SEEDING \$28,500.00				

ATTACHMENT TEXT	INCREASE FUNDS	
NUMBER : 3739838 VENDOR NUMBER: 135475810-00	VENDOR: WEEKS MARINE INC	PAGE 3
<p>TO ADD ITEM 10, 11, 12 AND 13 TO COMPENSATE FOR THE LOSS OF PLACED MATERIAL FROM HURRICANE IVAN AS PER LETTER OF JUSTIFICATION SENT TO DENISE LEA 10/28/04.</p>		

CHANGE ORDER NO. 3

PROJECT:

Timbalier Island Dune/Marsh Restoration Project

DATE OF ISSUANCE:**OWNER:**

Louisiana Department of Natural Resources
1440 Tiger Drive, Suite B
Thibodaux, Louisiana 70301

OWNER'S PROJECT NO.

TE-40

CONTRACTOR:

Weeks Marine, Inc.
304 Gaille Drive
Covington, Louisiana 70433

ENGINEER:

Shaw Coastal, Inc.
197 Elysian Drive
Houma, Louisiana 70363

CONTRACT FOR:

Timbalier Island Dune/Marsh Restoration

ENGINEER'S PROJECT NO.

2272

You are directed to make the following changes in the Contract Documents.

Description:

Change Order No. 3 Increases the total Construction Cost from \$13,408,120.69 to \$13,433,120.69 with no increase in project construction time.

Purpose of Change Order:

See attached summary.

CHANGE IN CONTRACT PRICE:

Original Contract Price

\$ 10,797,875.00

Previous Change Orders No. 1 to No.2

\$ 2,610,245.69

Contract Price Prior to this Change Order

\$ 13,408,120.69

Net increase of this Change Order

\$ 25,000.00

Contract Price with all approved Change Orders

\$ 13,433,120.69

CHANGE IN CONTRACT TIME:

Original Contract Time

210 Calendar Days

days or date

Net Change from previous Change Orders

0 Days

days

Contract Time Prior to this Change Order

210 Calendar Days

days or date

Net Increase of this Change Order

0 Days

date

Contract Time with all approved Change Orders

210 Calendar Days

days or date

RECOMMENDED BY M. PENNA

By: *[Signature]* BEC No. 29388

Date: *11/27/04*

PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

APPROVED:

By: *[Signature]*

Date: *11/30/2004*

APPROVED:

By: *[Signature]* *STEPHEN CHATY, VP*

Date: *11-29-04*

Weeks Marine, Inc.

RECEIVED
NOV 30 2004

NAK

**Louisiana Department of Natural Resources
TIMBALIER ISLAND DUNE/MARSH RESTORATION PROJECT**

SCI Project No. 2272

Change Order No. 3 Summary

Change Order No. 3 will increase the total Construction Cost from \$13,408,120.69 to \$13,433,120.69 with no increase in project construction time.

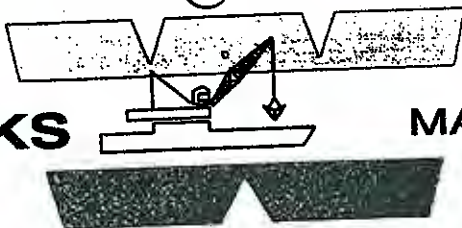
The following Bid Item will be added:

ITEM NO.	ITEM	UNIT	ORIGINAL QUANTITY	UNIT COST	ORIGINAL BID AMOUNT	ADDITIONAL QUANTITY	COST WITH CHANGE ORDER	ADDITIONAL COST
14	Containment Dikes (Tropical Storm Matthew Repairs)	LF	0	\$25.00	\$0.00	1,000	\$25,000.00	\$25,000.00
TOTAL:								\$25,000.00

K:\2272\CHANGE ORDERS\NO. 3\SUMMARY.DOC

RECEIVED
NOV 8 0 2004
CCP

WEEKS



MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE
Office (985) 875-2500 Fax (985) 875-2572

304 GAILLE DRIVE • COVINGTON, LA 70433

10 November 2004

Shaw Coastal, Inc.
197 Elysian Drive
Houma, Louisiana 70363

WMI Serial Letter No.: SCI-39

Attention: Mr. Jeffery M. Pena, P.E.

Reference: State Project No. TE-40
SCI Project No. 2272
Timbalier Island Dune/Marsh Restoration Project
Terrebonne Parish, Louisiana

Subject: Change Order No. 3

Dear Sir:

Weeks Marine Inc. had to construct 1,000 feet of additional dike to complete the work for Tropical Storm Matthew damages. The additional cost using the present contract unit price is as follows:

1,000 feet @ \$25.00 / foot = \$25,000.00

If you have any questions or require additional information, please contact me at (985) 875-2525.

Sincerely yours,
WEEKS MARINE, INC.

Charles R. Balentine
Office Engineer
Bucket, Hopper and Hydraulic Groups

cc: Steve Lane
Larry DaVico
Charles Granger
Gary Johnson
Correspondence File



COPIES FOR YOUR ORDER CHANGE INFORMATION AND FILES ONLY

STATE OF LOUISIANA
OFFICE OF STATE PURCHASING
STATE PURCHASE ORDER (FRM REQ)

CHANGE NUMBER 03						DATE PRINTED 12/15/04		ORDER NUMBER 3739838	
VENDOR NAME, STREET, CITY, STATE, ZIP CODE WEEKS MARINE INC 304 GAILLE DR COVINGTON, LA 70433						ALL TERMS AND CONDITIONS IN THE SOLICITATION ARE PART OF THIS ORDER AS IF FULLY REPRODUCED HEREIN.			
						FILE NUMBER: K25547DL PURCHASING AGENCY NO.: 107001			FY: 05
						ADDRESS ALL INQUIRIES AND CORRESPONDENCE TO: DOROTHEA YOUNG, CPPB (225)342 8022			
BILL TO: DEPARTMENT OF NATURAL RESOURCES CRD-CONSTRUCTION PROJECT ATTN: CHRIS WILLIAMS P O BOX 44027 BATON ROUGE, LA 70804-4027						SHIP FOR DESTINATION TO: (UNLESS SPECIFIED ELSEWHERE) DEPARTMENT OF NATURAL RESOURCES CRD - CONSTRUCTION PROJECT CRD-FIELD OFFICE PROJECT SITE, LA 00000			
						CONTACT FOR DELIVERY INSTRUCTIONS (NAME, TELEPHONE) SAM PRIDDY / CHRIS WILLIAMS (225)342-5023-7549			
VENDOR NO. 135475810-00	AWARD CODE 1	SOLIC CODE 1	BUYER CODE D	COMPL CODE F	ISIS REQ NUMBER 1257741	AGENCY REQ NUMBER CRDD40459	SOLICIT NUMBER 2186355	CONTRACT NUMBER	REQ AGENCY: 435002 OFFICE OF STATE PURCHASING DEPT OF NATURAL RESOURCES
PROMPT PAYMENT TERMS NONE			DELIVERY TERMS/FOB POINT AS SPECIFIED DESTINATION		TOTAL AMOUNT OF THIS CHANGE \$ 25000.00		TYPE OF CHANGE INCREASE FUNDS		NET ORDER AMOUNT \$ 13433120.68
LINE NO.	COMMODITY/SERVICE DESCRIPTION					QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
00001	COMMODITY CODE: 962-73-000000 DELIVERY TERMS: SEE HEADER PAGE FURNISH ALL MATERIAL, LABOR, SUPPLIES, TOOLS AND EQUIPMENT NECESSARY TO DREDGE & PLACE APPROXIMATELY 3.8 MILLION CUBIC YARDS OF SAND FILL MATERIAL ON THE EASTERN END OF TIMBALIER ISLAND TO CONSTRUCT DUNES, DIKES & CREATE A MARSH PLATFROM ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH THE PROJECT PLANS AND SPECIFICATIONS. SEE BREAKDOWN OF BASE BID ATTACHED.					1	JOB	\$ 5398937.50	\$ 5398937.50
00002	COMMODITY CODE: 962-73-000000 DELIVERY TERMS: SEE HEADER PAGE AMOUNT CONTINUED FROM LINE 00001, \$5,398,937.50.					1	JOB	\$ 5445683.19	\$ 5445683.19
APPROVED: <u>Dorothea Young</u> DENISE LEA DIRECTOR OF STATE PURCHASING									

RECEIVED
NATURAL RESOURCES
PURCHASING
2004 DEC 17 PM 1:51

CHANGE ORDER		INCREASE FUNDS		
NUMBER : 3739838 VENDOR NUMBER: 135475810-08		VENDOR: WEEKS MARINE INC		PAGE 2
COMMODITY/SERVICE DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
ADD CHANGE ORDER NO. 1. (+ \$48,745.69) JOB COST INCREASE DUE TO NEED FOR ADDITIONAL CONTAINMENT DIKES AND ADDITIONAL REQUIRED ACCESS DREDGING. COST BREAKDOWN: CONTAINMENT DIKES - \$32,825.00 ACCESS DREDGING - \$14,120.69				
00003 COMMODITY CODE: 962-73-000000 DELIVERY TERMS: SEE HEADER PAGE *****CHANGE ORDER 02***** #10 ADDITIONAL HYDRAULIC BEACH FILL (NET SECTION BARROW) \$2,470,000.00 #11 MOBILIZATION (HURRICANE IVAN REPAIRS \$15,000.00 #12 CONTAINMENT DIKES (HURRICANE IVAN REPAIRS) \$50,000.00 #13 SEEDING \$28,500.00	1	JOB	\$ 2563500.00	\$ 2563500.00
00004 COMMODITY CODE: 962-73-000000 DELIVERY TERMS: SEE HEADER PAGE ***** CHANGE ORDER 03 ***** REPAIRS TO CONTAINMENT DIKES DUE TO TROPICAL STORM MATTHEW ORIGINAL ORDER \$10,797,875.00 CO 01 \$ 48,745.69 CO 02 \$ 2,563,500.00 CO 03 \$ 25,000.00 NEW TOTAL \$13,432,120.69	1000	LFT	\$ 25.00	\$ 25000.00

ATTACHMENT TEXT		INCREASE FUNDS	
NUMBER : 3739638 VENDOR NUMBER: 135475810-00		VENDOR: WEEKS MARINE INC	PAGE 3
<p>TO ADD ITEM 14 - REPAIRS MADE TO CONTAINMENT DIKES DUE TO TROPICAL STORM MATTHEW (PRICED FROM ITEM # 3 OF ORIGINAL BASE BID).</p>			

**CHANGE ORDER NO. 4
BALANCING**

PROJECT:

Timbalier Island Dune/Marsh Restoration Project

DATE OF ISSUANCE:

OWNER:

Louisiana Department of Natural Resources
1440 Tiger Drive, Suite B
Thibodaux, Louisiana 70301

OWNER'S PROJECT NO.

TE-40

RECEIVED

FEB 01 2005

CONTRACTOR:

Weeks Marine, Inc.
304 Gaille Drive
Covington, Louisiana 70433

ENGINEER:

Shaw Coastal, Inc.
197 Elysian Drive
Houma, Louisiana 70363

CONTRACT FOR:

Timbalier Island Dune/Marsh Restoration

ENGINEER'S PROJECT NO.

2272

You are directed to make the following changes in the Contract Documents.

Description:

Change Order No. 4 will reduce the total Construction Cost from \$13,433,120.69 to \$13,369,439.24 (decrease of \$63,681.45) with no change in project construction time.

Purpose of Change Order:

See attached summary.

CHANGE IN CONTRACT PRICE:

Original Contract Price

\$ 10,797,875.00

Previous Change Orders No. 1 to No.3

\$ 2,635,245.69

Contract Price Prior to this Change Order

\$ 13,433,120.69

Net decrease of this Change Order

\$ 63,681.45

Contract Price with all approved Change Orders

\$ 13,369,439.24

CHANGE IN CONTRACT TIME:

Original Contract Time

210 Calendar Days

days or date

Net Change from previous Change Orders

0 Days

days

Contract Time Prior to this Change Order

210 Calendar Days

days or date

Net Increase of this Change Order

0 Days

date

Contract Time with all approved Change Orders

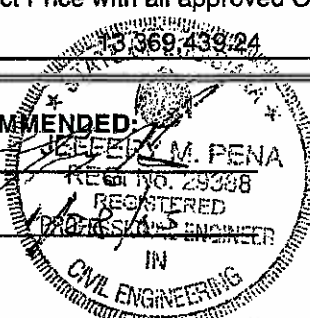
210 Calendar Days

days or date

RECOMMENDED:

By: JEFFER M. PENA

Date: 2/2/2005



APPROVED:

By: David Dearmoff

Date: 2/2/2005

LDNR

APPROVED:

By: J. STEPHEN CHARTER

Date: 1/24/05

Weeks Marine, Inc.

**Louisiana Department of Natural Resources
TIMBALIER ISLAND DUNE/MARSH RESTORATION PROJECT**

SCI Project No. 2272

Change Order No. 4 (Balancing) Summary

Change Order No. 4 will reduce the total Construction Cost from \$13,433,120.69 to \$13,369,439.24 (decrease of \$63,681.45) with no change in project construction time.

The following Bid Item will be added:

ITEM NO.	ITEM	UNIT	ORIGINAL QUANTITY	UNIT COST	ORIGINAL BID \$ AMOUNT	UNEARNED QUANTITY	UNEARNED \$ AMOUNT
6	Turbidity Screen	LF	4,800	\$15.00	\$72,000.00	3,245.43	\$48,681.45
1	Mobilization (Hurricane Ivan Repairs)	LS	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
TOTAL DECREASE:							\$63,681.45

K:\2272\CHANGE ORDERS\NO. 4\SUMMARY.DOC

RECEIVED
FEB 01 2005
ced

RECEIVED


FEB 28



ORDER CHANGE

**STATE OF LOUISIANA
OFFICE OF STATE PURCHASING
STATE PURCHASE ORDER (FRM REQ)**

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-03-2001 BY 60322

STATE PURCHASE ORDER (FRM REQ)										CHANGE NUMBER 04	DATE PRINTED 02/09/05	ORDER NUMBER 3739838
VENDOR NAME, STREET, CITY, STATE, ZIP CODE WEEKS MARINE INC 304 GAILLE DR COVINGTON, LA 70433					ALL TERMS AND CONDITIONS IN THE SOLICITATION ARE PART OF THIS ORDER AS IF FULLY REPRODUCED HEREIN.							
BILL TO: DEPARTMENT OF NATURAL RESOURCES CRD-CONSTRUCTION PROJECT ATTN: CHRIS WILLIAMS P O BOX 44027 BATON ROUGE, LA 70804-4027					FILE NUMBER : K25547DL PURCHASING AGENCY NO. : 107001				FY: 05			
					ADDRESS ALL INQUIRIES AND CORRESPONDENCE TO: DOROTHEA YOUNG, CPPB (225)342 8022							
					SHIP FOB DESTINATION TO: (UNLESS SPECIFIED ELSEWHERE) DEPARTMENT OF NATURAL RESOURCES COASTAL RESTORATION DIVISION PROJECT MANAGER PROJECT SITE, LA 00000							
					CONTACT FOR DELIVERY INSTRUCTIONS (NAME, TELEPHONE) SAM PRIDDY / CHRIS WILLIAMS SHANETRICHE (225)342-5023-7549							
VENDOR NO. 135475810-00	AWARD CODE 1	SOLIC CODE I	BUYER CODE D	COMPL CODE F	ISIS REQ NUMBER 1257741	AGENCY REQ NUMBER CRD040459	SOLICIT NUMBER 2188955	CONTRACT NUMBER	REQ AGENCY: 435002 <small>OFFICE OF STATE PURCHASING DEPT OF NATURAL RESOURCES</small>			
PROMPT PAYMENT TERMS NONE				DELIVERY TERMS/FOB POINT AS SPECIFIED DESTINATION		TOTAL AMOUNT OF THIS CHANGE \$ -61524.00		TYPE OF CHANGE DECREASE FUNDS		NET ORDER AMOUNT \$ 13371596.69		
LINE NO.	COMMODITY/SERVICE DESCRIPTION					QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT			
00001	COMMODITY CODE: 982-73-000000 DELIVERY TERMS: SEE HEADER PAGE FURNISH ALL MATERIAL, LABOR, SUPPLIES, TOOLS AND EQUIPMENT NECESSARY TO DREDGE & PLACE APPROXIMATELY 3.9 MILLION CUBIC YARDS OF SAND FILL MATERIAL ON THE EASTERN END OF TIMBALIER ISLAND TO CONSTRUCT DUNES, DIKES & CREATE A MARSH PLATFORM ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH THE PROJECT PLANS AND SPECIFICATIONS. SEE BREAKDOWN OF BASE BID ATTACHED.					1	JOB	+ 5398937.50	+ 5398937.50			
00002	COMMODITY CODE: 982-73-000000 DELIVERY TERMS: SEE HEADER PAGE AMOUNT CONTINUED FROM LINE 00001, \$5,398,937.50.					1	JOB	+ 5445683.19	+ 5445683.19			
APPROVED:  DENISE LEA DIRECTOR OF STATE PURCHASING												

CHANGE ORDER		DECREASE FUNDS			
NUMBER : 3739838 VENDOR NUMBER : 135475810-00		VENDOR: WEEKS MARINE INC			PAGE 2
COMMODITY/SERVICE DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT	
ADD CHANGE ORDER NO. 1. (+ \$46,745.69) JOB COST INCREASE DUE TO NEED FOR ADDITIONAL CONTAINMENT DIKES AND ADDITIONAL REQUIRED ACCESS DREDGING. COST BREAKDOWN: CONTAINMENT DIKES - \$32,625.00 ACCESS DREDGING - \$14,120.69					
00003 COMMODITY CODE: 962-73-000000 DELIVERY TERMS: SEE HEADER PAGE ***** CHANGE ORDER 02 ***** #10 ADDITIONAL HYDRAULIC BEACH FILL (NET SECTION BARROW) \$2,470,000.00 #11 MOBILIZATION (HURRICANE IVAN REPAIRS \$15,000.00 #12 CONTAINMENT DIKES (HURRICANE IVAN REPAIRS) \$30,000.00 #13 SEEDING \$28,500.00	0.97	JOB	\$ 2563500.00	\$ 2501976.00	
00004 COMMODITY CODE: 962-73-000000 DELIVERY TERMS: SEE HEADER PAGE ***** CHANGE ORDER 03 ***** REPAIRS TO CONTAINMENT DIKES DUE TO TROPICAL STORM MATTHEW ORIGINAL ORDER \$10,797,875.00 CO 01 \$ 46,745.69 CO 02 \$ 2,563,500.00 CO 03 \$ 25,000.00 NEW TOTAL \$13,433,120.69	1000	LFT	\$ 25.00	\$ 25000.00	
00005 COMMODITY CODE: 962-73-000000 DELIVERY TERMS: SEE HEADER PAGE ***** CHANGE ORDER 04 ***** TO REMOVE ITEM #1 DEMOBILIZATION \$15,000 & ITEM # 6 TURBIDITY SCREEN \$48,881.45 NOT NEEDED TO COMPLETE CONTRACT. ORIGINAL ORDER \$10,797,875.00 CO 01 \$ 46,745.69	0	LFT	\$ 0.00001	\$ 0.00	

RECEIVED

FEB 23 2005



ATTACHMENT TEXT		DECREASE FUNDS	
NUMBER : 3739838 VENDOR NUMBER: 136475810-00		VENDOR: WEEKS MARINE INC	PAGE 4
<p>CHANGE ORDER NO. 4 - DECREASE FOR \$63,681.45 FOR ITEM 1 MOBILIZATION AND ITEM 6 TURBIDITY NOT NEEDED TO COMPLETE THE CONTRACT.</p>			
<div style="text-align: right;"> <p>RECEIVED</p> <p>FEB 28 2005</p> <p><i>cep</i></p> <p>.....</p> </div>			

Field Order No. 1

FIELD ORDER NO. 1

PROJECT:

Timbalier Island Dune/Marsh Restoration Project

DATE OF ISSUANCE:**OWNER:**

Louisiana Department of Natural Resources
1440 Tiger Drive STE B
Thibodaux, LA 70301

OWNER'S PROJECT NO.

TE-40

CONTRACTOR:

Weeks Marine, Inc.
Post Office Box 4339
Houma, Louisiana 70361

ENGINEER:

Shaw Coastal, Inc.
197 Elysian Drive
Houma, Louisiana 70364

CONTRACT FOR:

Timbalier Island Dune/Marsh Restoration Project

ENGINEER'S PROJECT NO.

2272

You are directed to make the following changes in the Contract Documents.

Description:

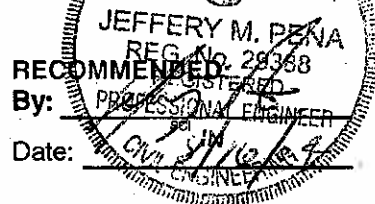
This field order provides for a revised sequence of construction to accommodate erosion in the project area, subject to certain stipulations (see Attachment 1). Information is provided regarding a revised survey baseline and new control points (see Attachment 2). The field order also provides modified cross-section drawings showing the existing ground profile based on the latest pre-construction survey along with the construction template updated to reflect the revised construction sequence (see Attachment 3).

This field order also provides clarification of payment for dredging operations (see Attachment 1, stipulation 9). As dredging operations proceed, the quantity dredged each month shall be separated for payment into the two Bid Items 2 and 9 in proportion to the estimated bid quantities for each item. Therefore, in each month's application for payment, the quantity for Bid Item 2 "Hydraulic Dredging" shall equal the product of the total monthly amount dredged and the ratio: $(3,100,000 / 3,600,000)$. The quantity for Bid Item 9 "Beach Fill" shall equal the product of the total monthly amount dredged and the ratio: $(500,000 / 3,600,000)$.

Attachments:

1. Letter dated May 24, 2004 from David Burkholder (Coastal Engineering Division, LA Department of Natural Resources) to J. Stephen Chatry (Weeks Marine, Inc.).
2. Survey Plan Views, 4 total, dated 6/16/04 by Shaw Coastal, Inc.
3. Cross Section Drawings, Sheets 1-6 of 6, dated 6/23/04 by Coastal Engineering Division, LA Department of Natural Resources.

This Field Order does not constitute a change in Contract Time and/or Contract Cost.

**APPROVED:**

By: [Signature]
Date: 8/23/2004

ACCEPTED:

By: [Signature]
Date: 8/12/04
Contractor



KATHLEEN BARINEAUX BLANCO
GOVERNOR

SCOTT A. ANGELLE
SECRETARY

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL RESTORATION AND MANAGEMENT

May 24, 2004

Mr. J. Stephen Chatry
Vice President
Weeks Marine, Inc.
304 Gaulle Drive
Covington, LA 70433

Re: Timbalier Island Dune/Marsh Restoration
File # K25547DL, Requisition # 1257741

Dear Mr. Chatry:

On May 19, 2004 representatives of the Louisiana Department of Natural Resources (LDNR) and Weeks Marine, Inc. (WMI) met in Baton Rouge to review the preliminary results of recent surveys that are in progress for the referenced project. The project's federal sponsor, the Environmental Protection Agency (EPA), participated via conference call. These surveys are being done in response to reports by your firm that some points on the project's survey baseline were no longer available due to erosion in the project area. Due to this situation, LDNR has not sent the executed contracts for this project to the Office of State Purchasing for issuance of a Notice to Proceed.

During this meeting, WMI proposed a revised sequence of construction to accommodate the erosion that has occurred in the project area. The LDNR engineering staff has reviewed your suggestions and is agreeable to them provided some additional stipulations are met. Your proposal and LDNR's stipulations are summarized as follows:

1. WMI shall construct the bay side dikes prior to initiating pumping operations.
2. WMI shall begin pumping operations on the eastern end of the project footprint proceeding to the west.
3. WMI shall construct a training dike at the northern alignment of the 100 ft wide 4 ft high dune platform.
4. WMI shall pump the unconfined material initially to establish a platform on which the gulf side containment dikes can be constructed.
5. WMI shall construct training dikes while pumping to ensure material is being retained within the project footprint.

COASTAL ENGINEERING DIVISION
P. O. BOX 44077 • BATON ROUGE, LA 70804-4077 • 517 N. THIRD STREET • 10TH FLOOR • BATON ROUGE, LA 70802
PHONE (225) 342-7908 • FAX (225) 342-9417 • WEB <http://www.dnr.state.la.us>
AN EQUAL OPPORTUNITY EMPLOYER

J. Stephen Chatry
May 24, 2004
Page 2 of 2

6. WMI shall survey the borrow area and island on a daily basis and forward this information to LDNR no later than 7:00 AM the following morning.
7. LDNR shall analyze the survey data to determine the cut-to-fill ratio. If after completion of the first week's pumping (at least five stations) the cut-to-fill ratio is determined by LDNR to be unsatisfactory, WMI shall relocate the pumping operations far enough to the west that gulf side containment dikes can be constructed as shown in the plans and specs. The cut-to-fill ratio may be deemed unsatisfactory by LDNR if when extrapolated to the remainder of the project it would result in exceeding the contract price.
8. Field changes altering the alignment maybe required to improve constructability. They may also be made in lieu of the relocation discussed in Item No. 7. No alignment changes will be made without the advance approval of LDNR.
9. Measurement for payment of dredged material will be divided between the confined and unconfined pay items based on the percentages of the estimated quantities in the bid.

If this summary of your proposed revised sequence of construction and the additional stipulations by LDNR are acceptable to you, please acknowledge your concurrence by signing in the space provided below and returning to the undersigned. It should be noted that the contract price and time have not been altered by any of the items outlined in the letter. Please do not hesitate to call if you have any questions.

Sincerely,



David M. Burkholder, P.E.
Engineer Manager

cc: Patricia Taylor, Project Manager, EPA
Christopher P. Knotts, Director
Chris Williams, Project Manager
Daniel Dearmond, Construction Project Manager
Chet Fruge, Program Manager
Project File, TE-40

CONCURRENCE BY WEEKS MARINE, INC.

J. Stephen Chatry 5/24/04
Name Date
Vice President
Title

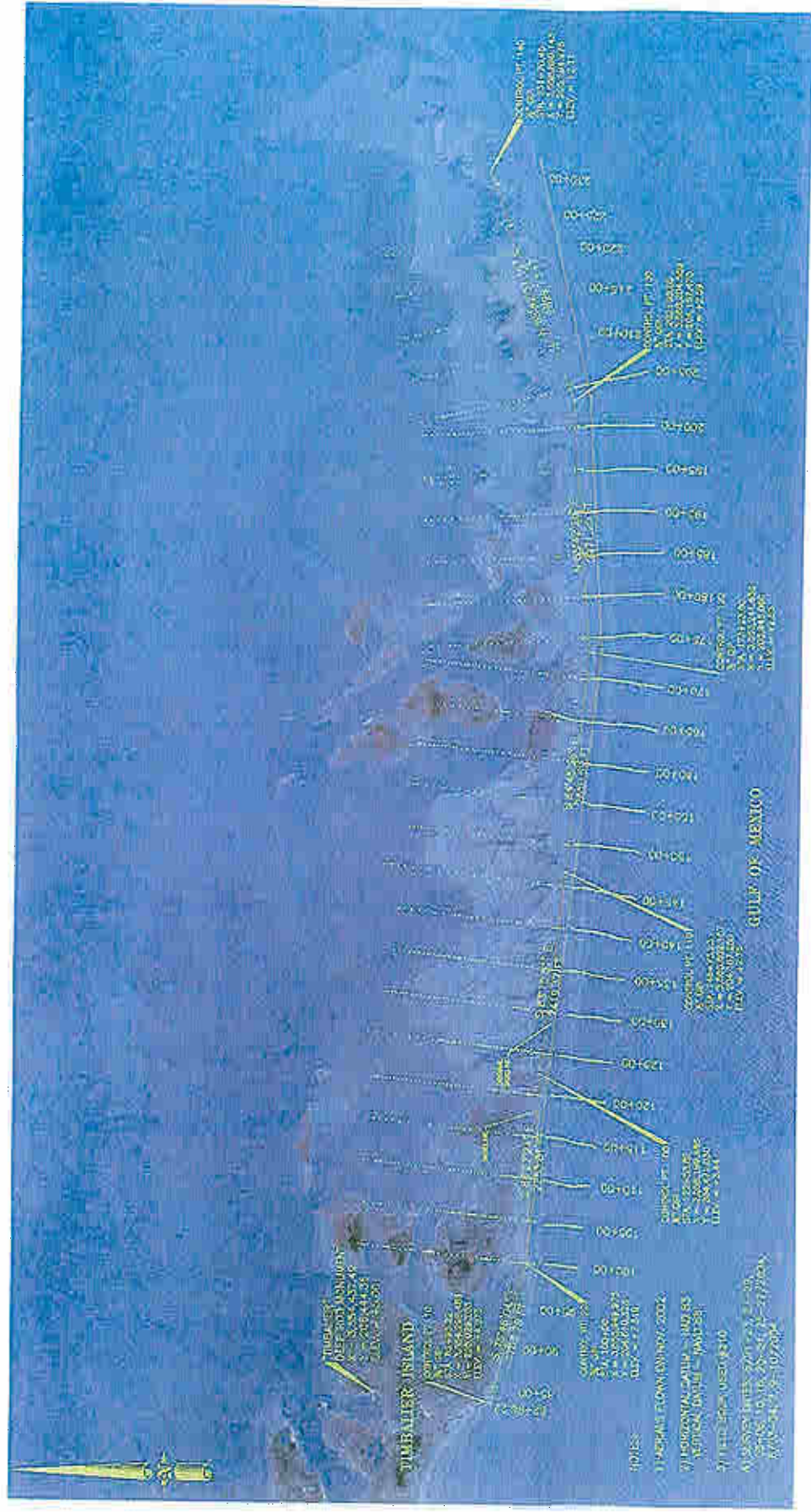
DATE	DESCRIPTION

Shaw-Shaw Coastal, Inc.

PROJECT: 1000-100-100
 DATE: 10/10/00
 DRAWN BY: J. L. BROWN
 CHECKED BY: J. L. BROWN
 SCALE: 1" = 500'

PLAN VIEW
 PROJECT: 1000-100-100
 DATE: 10/10/00
 DRAWN BY: J. L. BROWN
 CHECKED BY: J. L. BROWN
 SCALE: 1" = 500'

1000-100-100



SCALE: 1" = 500'

NO.	DATE	REVISION
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Shaw Coastal, Inc.

PROJECT NO.	100-0000000000000000
DATE	05/21/2002
BY	WJ
CHECKED BY	WJ
APPROVED BY	WJ
SCALE	AS SHOWN
PROJECT LOCATION	AS SHOWN
PROJECT NAME	AS SHOWN
PROJECT NO.	100-0000000000000000
DATE	05/21/2002
BY	WJ
CHECKED BY	WJ
APPROVED BY	WJ
SCALE	AS SHOWN
PROJECT LOCATION	AS SHOWN
PROJECT NAME	AS SHOWN

THANALAN ISLAND
DUNE/ALFRESH RESTRANCK
PROJECT - TE - 40 - BUNNY
PLAN VIEW

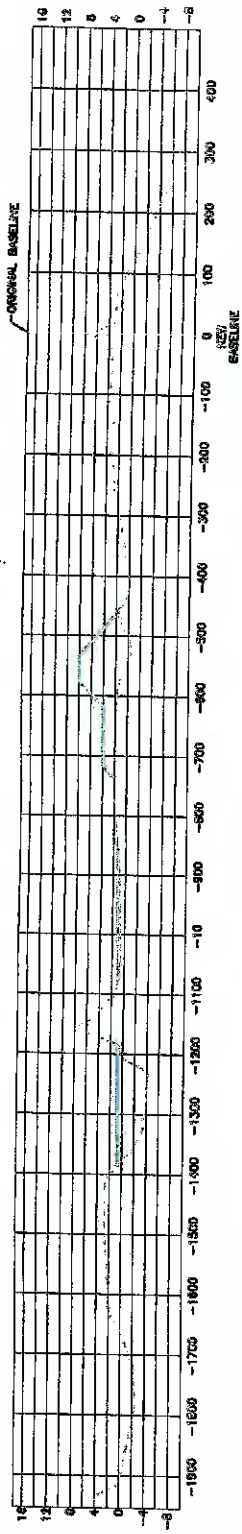
1:2500
1"=100'



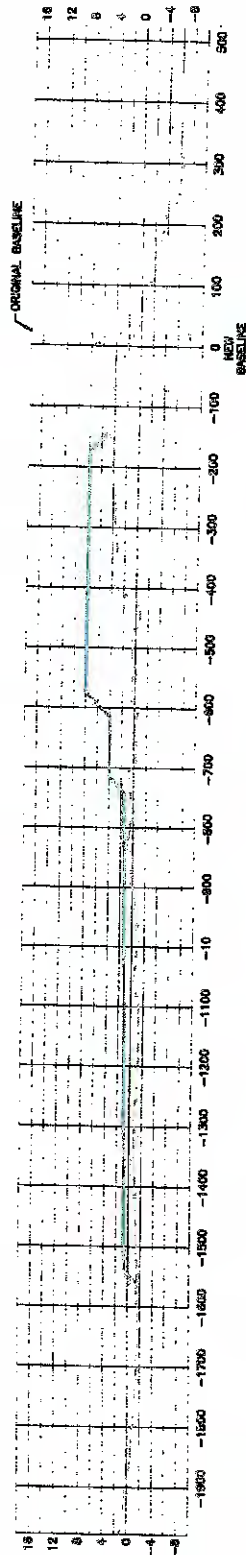
- NOTES
- 1) ALFRESH FLOW AS NO. 2002
 - 2) HORIZONTAL DISTANCE - 140' 63"
 - 3) HORIZONTAL DISTANCE - 140' 63"
 - 4) SURVEY NOTES 5/21-22/2002
 - 5) FIELD BOOK 1000-4210
 - 6) SURVEY NOTES 5/21-22/2002
 - 7) SURVEY NOTES 5/21-22/2002
 - 8) SURVEY NOTES 5/21-22/2002

TIMBALIER BAY

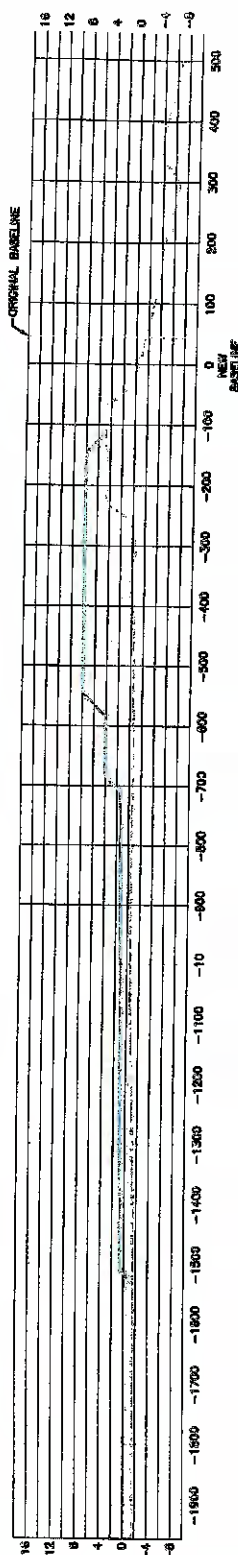
GULF OF MEXICO



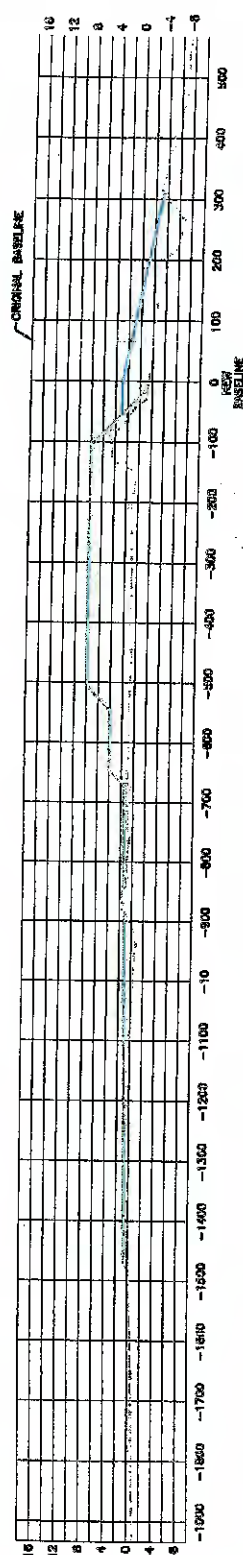
100



105



110

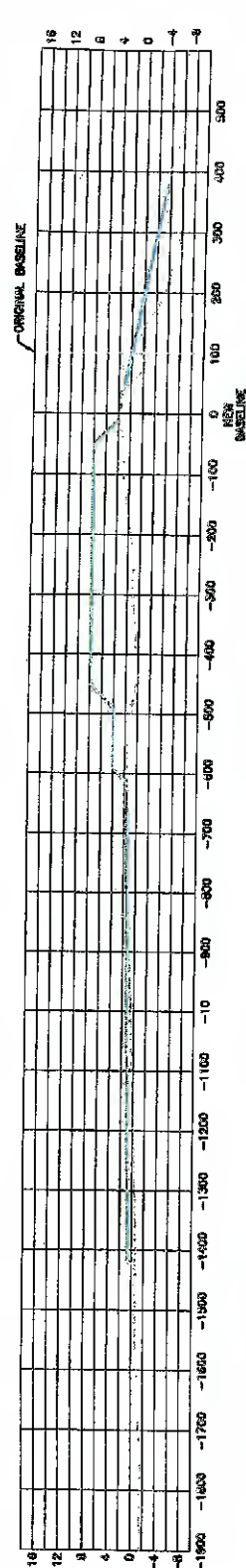
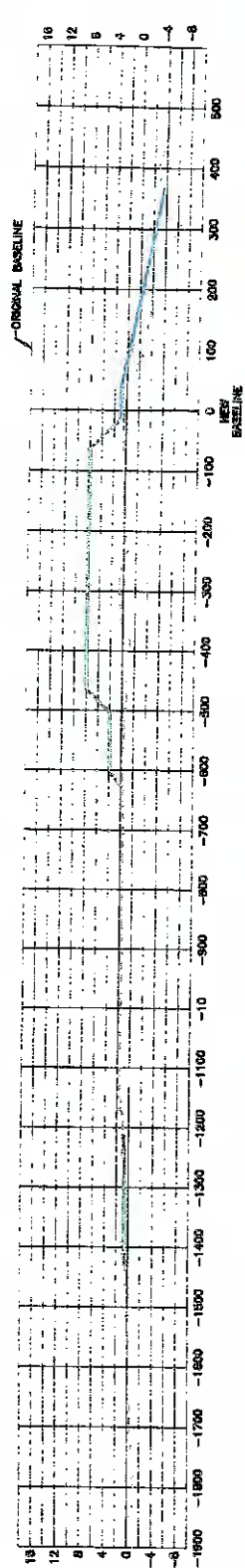
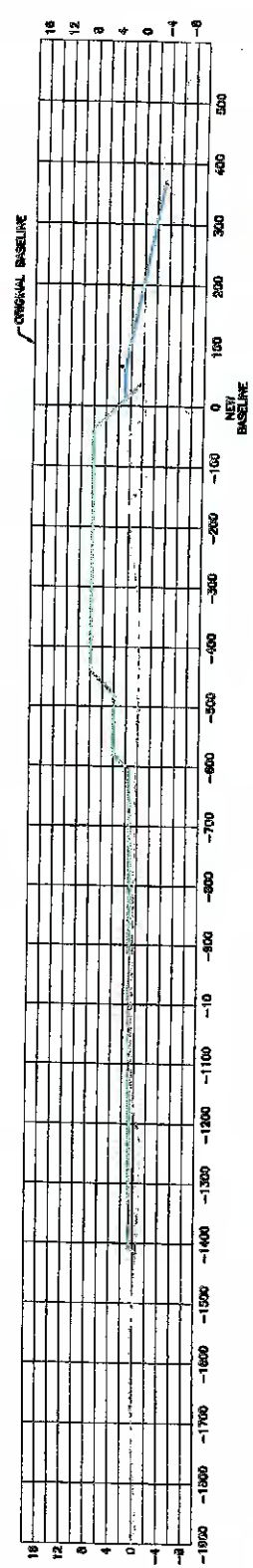
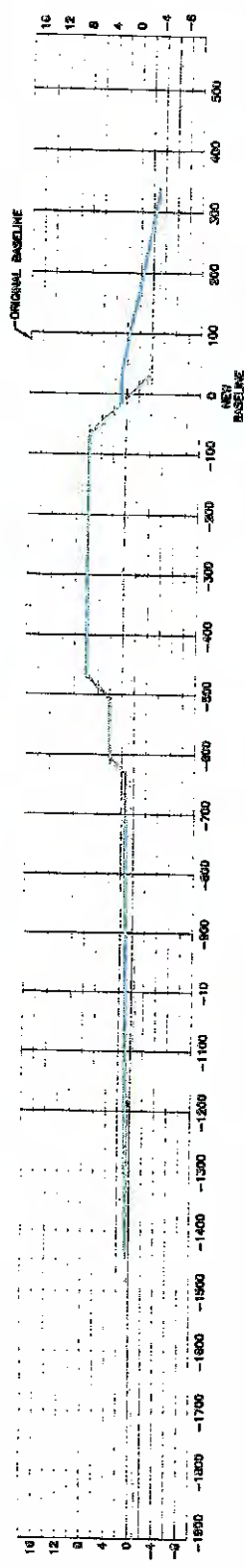


115

NOTE:
THE GULF SIDE BEACH FILL TEMPLATE AS DERIVED
FROM THE BEACH FILL CONSTRUCTION PLANS
HAS BEEN ADJUSTED AS FOLLOWS: THE BEACH
HAS BEEN REDUCED FROM 300' TO 450'. THE
BEACH SLOPE HAS BEEN FLATTEN FROM 3:1 TO
5:1.

LEGEND	
	GROUND PROFILE
	TEMPLATE

LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION 617 NORTH HIGHTOWER ST. BATON ROUGE, LOUISIANA 70802		TIMBALIER ISLAND DUNE/MARSH RESTORATION PROJECT		CROSS SECTIONS
		STATE PROJECT NUMBER: TE-49		
BY	DESCRIPTION	DRAWN BY: KERRI CANTU	DESIGNED BY: BEAUTY, P.E.	FEDERAL PROJECT NUMBER:
REV.	DATE			APPROVED BY: JULES LEBLANC, P.E.
				DATE: 6/23/94
				SHEET 1 OF 6



LEGEND
 --- GROUND PROFILE
 --- TEMPLATE

NOTE: THIS CROSS SECTION ALL TEMPLATE AS DEPICTED ON THE GROUND PROFILE HAS BEEN REDUCED FROM 300' TO 250'. THE BEACH SLOPE HAS BEEN FLATTEN FROM 30:1 TO 20:1.

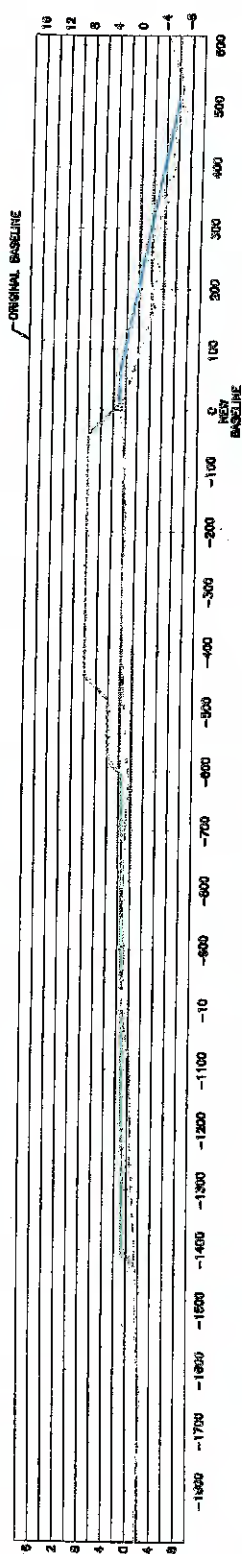
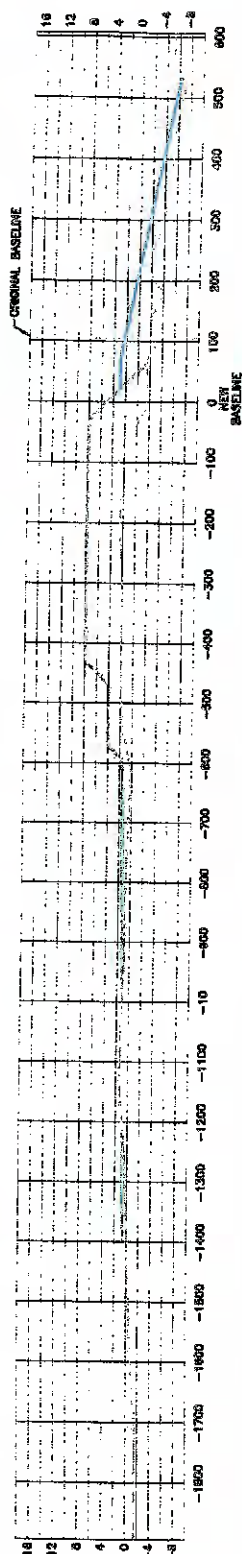
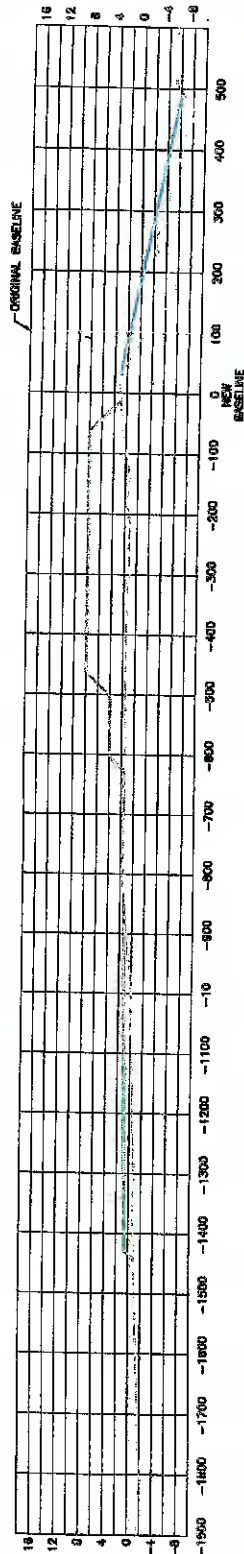
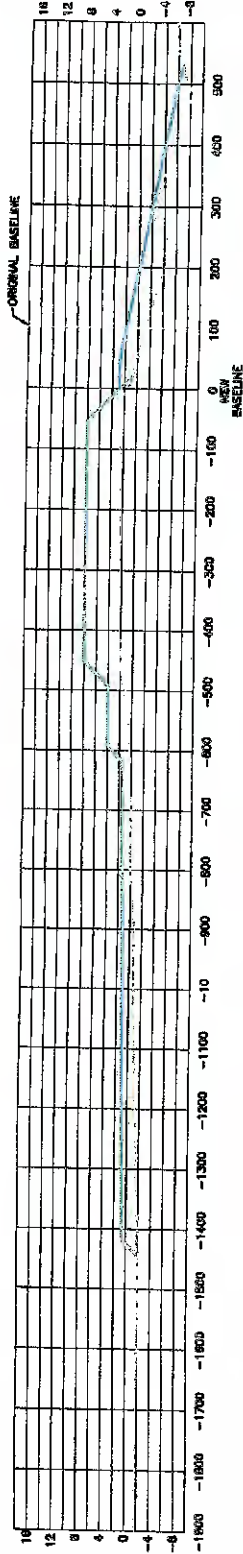
GULF OF MEXICO

TIMBALIER BAY

LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION 417 NORTH 10TH STREET BATON ROUGE, LOUISIANA 70802		TIMBALIER ISLAND DUNE/MARSH RESTORATION PROJECT STATE PROJECT NUMBER: TE-90 FEDERAL PROJECT NUMBER:		CROSS SECTIONS	
BY: DR. J. M. CANTU	DATE:	DESIGNED BY: BRAD TATE, P.E.	APPROVED BY: LUTHER LEE, P.E.	DATE: 6/2/04	SHEET 2 OF 6

TIMBALIER BAY

GULF OF MEXICO

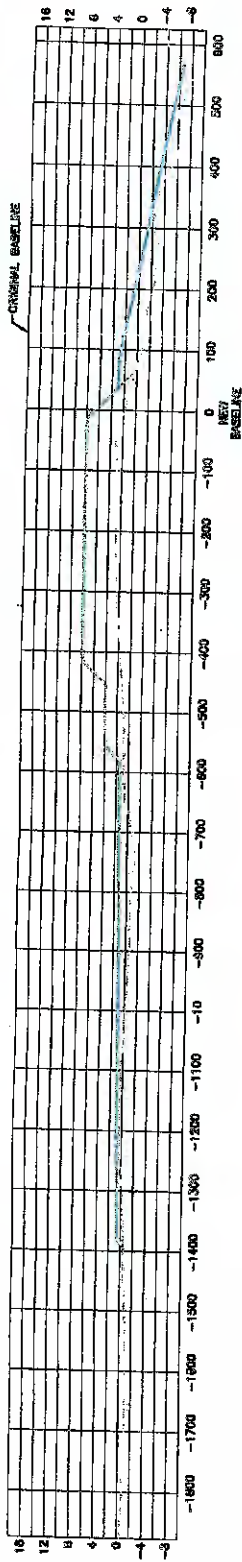


LEGEND
GROUND PROFILE
TEMPLATE

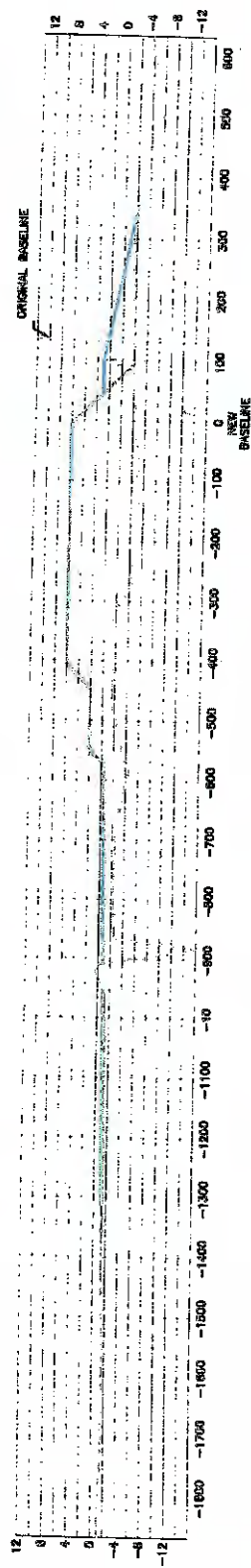
NOTE:
THE GULF SIDE BEACH FULL TEMPLATE AS DEPICTED
ON SHEET 8 OF 23 OF THE CONSTRUCTION PLANS
HAS BEEN REVISED AS FOLLOWS. THE BEACH WIDTH
HAS BEEN REDUCED FROM 300 TO 250'. THE
BEACH SLOPE HAS BEEN PLANTER FROM 3:1 TO
5:1.

REV.	DATE	DESCRIPTION	BY

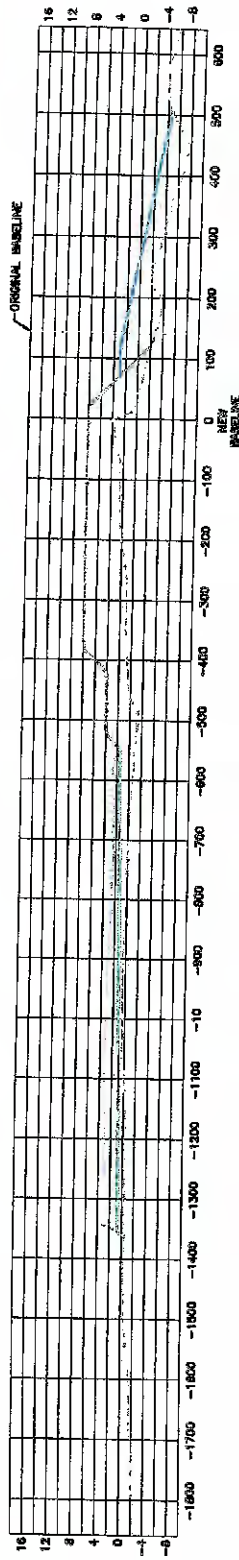
LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION 417 HORTON ROAD, SUITE 100 BATON ROUGE, LOUISIANA 70802		DESIGNED BY: BEAUFORT, P.E.	DRAWN BY: KENNETH CANTU
TIMBALIER ISLAND AND DUNE/MARSH RESTORATION PROJECT		APPROVED BY: LARRY LEMAS, P.E.	
STATISTICAL NUMBER: TR-48		DATE: 6/23/94	
SPECIAL PROJECT NUMBER:		SHEET 3 OF 6	



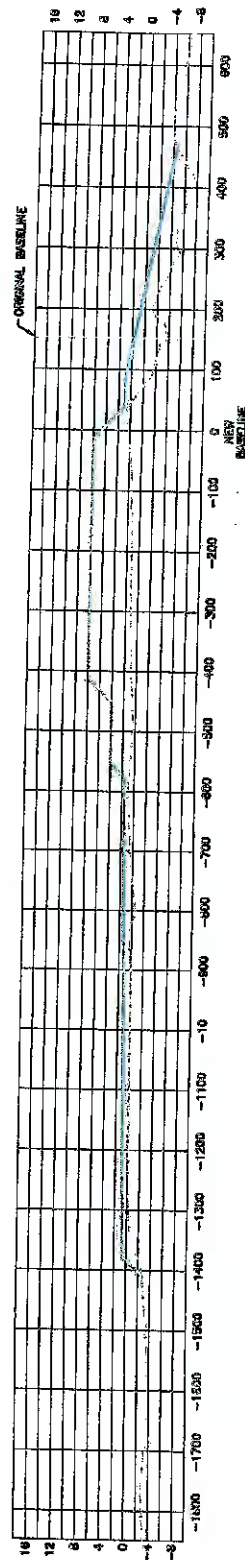
160



165



170



175

TIMBALIER BAY

GULF OF MEXICO

LEGEND

GROUND PROFILE
TEMPLATE

NOTE: THE GULF SEAS BEACH FULL TEMPLATE AS DERIVED ON SHEET 6 OF 23 OF THE CONSTRUCTION PLAN HAS BEEN REVISED AS FOLLOWS: THE BEACH WIDTH HAS BEEN REDUCED FROM 300' TO 250'. THE BEACH SLOPE HAS BEEN FLATTEN FROM 30:1 TO 50:1.

NO.	DATE	DESCRIPTION	BY

LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION

417 NICHOLSON STREET
BATON ROUGE, LOUISIANA 70802

DESIGNED BY: BEAU PATE, P.E.

DRAWN BY: KIMMY CANTU

TIMBALIER ISLAND DUNE/MARSH RESTORATION PROJECT

STATE PROJECT NUMBER: TE-49

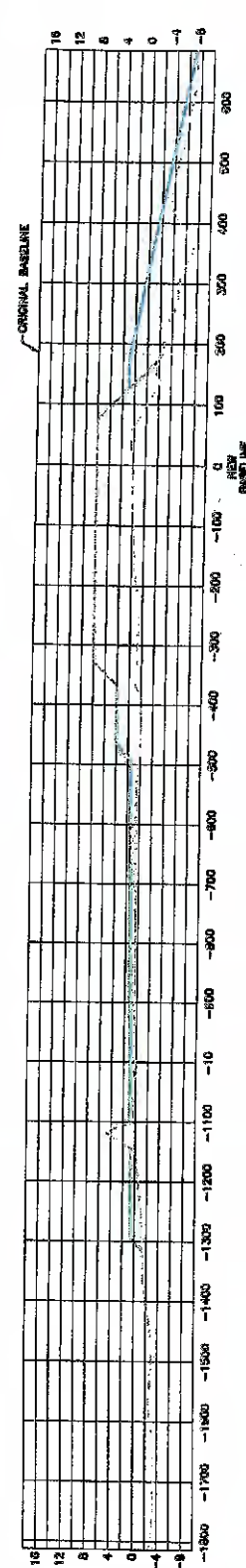
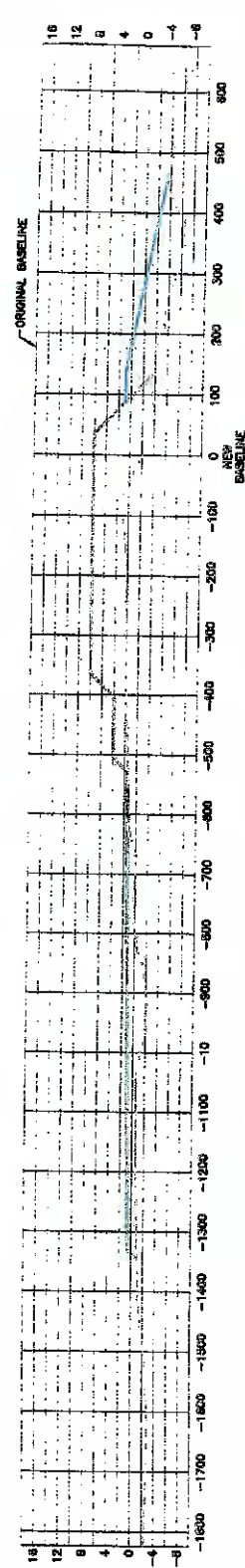
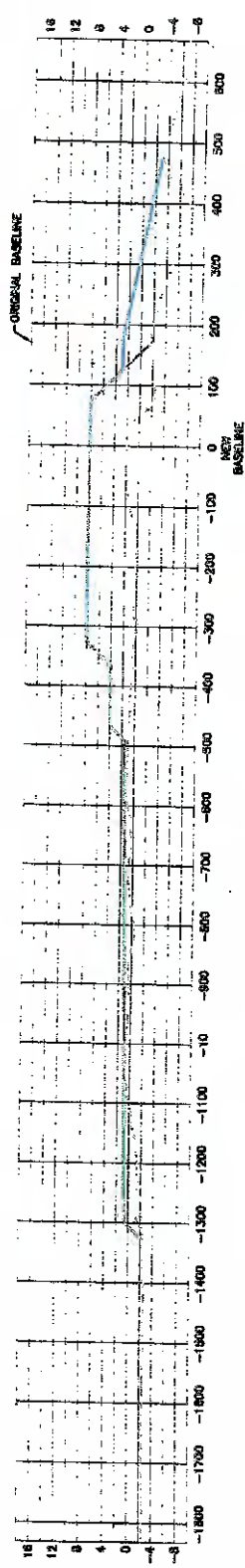
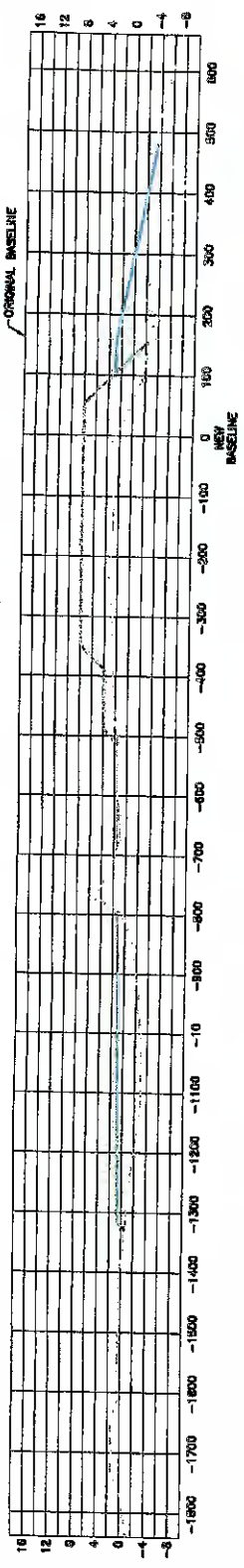
FEDERAL PROJECT NUMBER:

APPROVED BY: LUTHER LEBLANC, P.E.

CROSS SECTIONS

DATE: 6/20/01

SHEET 4 OF 6



TIMBALIER BAY

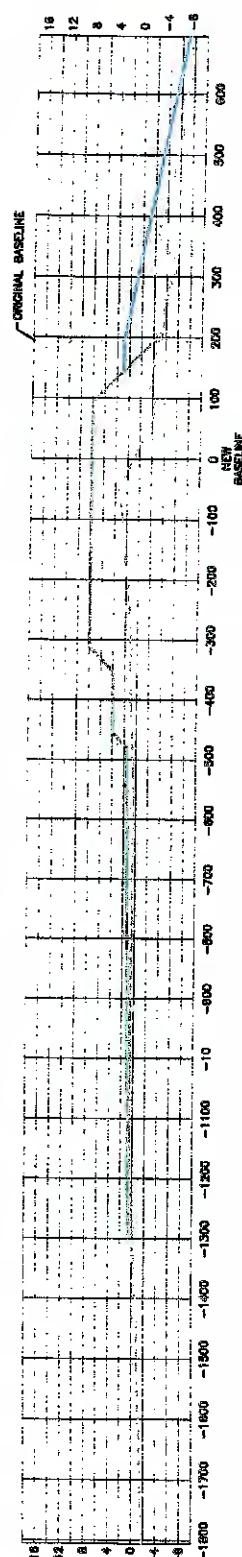
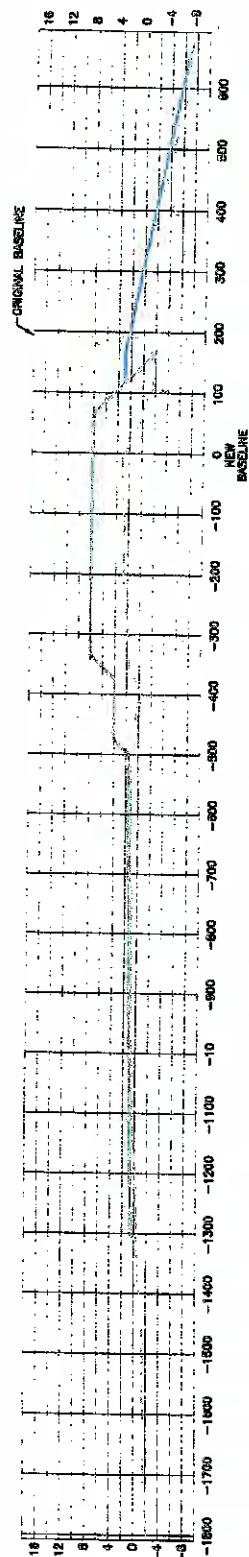
GULF OF MEXICO

LEGEND
GROUND PROFILE
TEMPLATE

NOTE: THE GULF SIDE BEACH FILL TEMPLATE AS SHOWN ON SHEET 8 OF 23 OF THE CONSTRUCTION PLANS HAS BEEN REVISED AS FOLLOWS: THE BEACH WITH A SLOPE OF 1:1 HAS BEEN FLATTEN FROM 3:1 TO 1:1.

REV.	DATE	DESCRIPTION	BY

LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION 617 NORTH 3RD STREET, 11 BATON ROUGE, LOUISIANA 70802		TIMBALIER ISLAND DUNE/MARSH RESTORATION PROJECT		CROSS SECTIONS	
DRAWN BY: KERRI GANTO		STATE PROJECT NUMBER: TE-40		DATE: 6/2/94	
		FEDERAL PROJECT NUMBER:		APPROVED BY: JAMES LEBLANC, P.E.	
				SHEET 5 OF 6	



TIMBALIER BAY

200

205

GULF OF MEXICO

NOTE:
THE GULF SIDE BEACH FILL TEMPLATE AS DEPICTED
ON SHEET 9 OF 23 OF THE CONSTRUCTION PLANS
HAS BEEN REVISED AS FOLLOWS. THE BERM WIDTH
HAS BEEN REDUCED FROM 300' TO 450'. THE
BEACH SLOPE HAS BEEN FLATTEN FROM 36:1 TO
50:1.

LEGEND

GROUND PROFILE
TEMPLATE

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix C

Pre-Construction Conference

SHAW COASTAL, INC.

197 ELYSIAN DRIVE, HOUMA, LOUISIANA 70363
PHONE (985) 868-3434 - FAX (985) 868-8513

M E E T I N G R E P O R T

Job No.: 2272 **Date:** April 15, 2004
Job Title: Timbalier Island Dune/Marsh **Time:** 10:00 a.m.
Restoration Project TE-40
Meeting Location: ☒ SCI ☐
Meeting Purpose: Pre-Construction Conference
Participants: See attached Attendance Sheet

Summary:

The meeting began with the introduction of the attendees from LDNR, EPA, SCI, Weeks Marine, Inc, and T. Baker Smith and Son, Inc.

The Project Scope was briefly reviewed.

The contact personnel for the Owner, Engineer and Contractor were discussed. (See attached Pre-Construction Conference Report.)

The Contractor will submit their contact personnel information, subcontractor list, Quality Control contacts, and Environmental Protection Plan at a later date. A revised progress schedule will be issued by the Contractor after Notice to Proceed is received.

Shop drawings will also be submitted by the Contractor to the Engineer after Notice to Proceed is received. Seven sets of original shop drawings will be submitted (two for the Engineer; two for LDNR; one for the EPA; and two for the Contractor).

The Contractor is responsible for providing as-built drawings for the project.

Monthly payment request will be submitted by the Contractor to the Engineer by the last day of the month. The Engineer has ten (10) working days to review and approve the payment request. The payment request will then be forwarded to Owner. The Contractor will forward an example invoice to SCI.

The Schedule of Deliverables was reviewed and discussed with the following comments:

- | | |
|--|--|
| • Critical Path Construction Schedule | Contractor already submitted. |
| • Dredging Plan | Will be issued. |
| • Permits | Will be issued. |
| • Specification and Data for Dredge | Contractor already submitted with Bid; SCI requested a copy. |
| • Shop Drawings | Previously discussed in meeting (see above). |
| • Notification of State Officials and Others | Contractor requested pipeline company information. |
| • Safety Program | Contractor already submitted. |

Written by: Jeffery M. Peña, P.E.

Date: May 13, 2004

K:\2272\Pre-Construction Conference\Meeting Report 041604.doc

SHAW COASTAL, INC.

197 ELYSIAN DRIVE, HOUMA, LOUISIANA 70363
PHONE (985) 868-3434 - FAX (985) 868-8513

The Contractor advised that a magnetometer survey will be performed.

Transportation for the Project Representative will be provided at the site and to and from the island by the Contractor.

Access to site is through Canal Nos. 18 and 19 only.

All oyster leases behind Timbalier Island have expired (no longer in existence).

The Contractor will notify the Engineer when payment surveys are scheduled to be performed in order to ensure that a Project Representative is present.

The Contractor is to notify the Engineer if the Contractor Representative in charge changes at any time during the project.

The Chain of Communication for the project: Subcontractor to Contractor; Contractor to Engineer (Project Representative); Engineer to Owner; and vice versa.

The Project Control – Baseline is no longer located on Timbalier Island due to erosion. The first two are the only control points that are still on the island. The closest control point is located 25-30 feet from the edge of the water at control point 125. The furthest is located at 300-400 feet from the edge of the water at control point 165.

The Engineer and the Owner will review the cross-sections and determine the best possible methods for either re-establishing the baseline or using the current baseline. The current alignment and baseline may or may not be changed. Another meeting will be held after review of the cross-sections for discussion of the method that will be used. All efforts will be made to expedite the construction of the project.

The oil wells in the marsh platform are owned by Texaco, Inc. The Contractor should make every attempt not to cover the wells with material.

Per the project specifications, no more than six (6) inches (measure from the existing elevation of the marsh vegetation) of sand can be placed on top of the vegetated areas. Equipment is allowed on the vegetated areas only during construction of dikes in the immediate area of the dike. The equipment used must cause the least amount of disturbance to the vegetation.

The Contractor can pump sand into sectioned project areas as long as each section is contained by dikes.

The Contractor stated that the access channel will be dug now and the boat dock will be construction later during the project.

Spill box shop drawings must be submitted to the Engineer prior to their placement.

The iron container that washed onshore will not be removed. The sand is to be placed on top of it.

The Contractor is to provide office space and boat equipment that accommodates the project site conditions. The Contractor will coordinate these with the Engineer.


The fuel for the boat and the 4-wheeler will be provided by the Contractor.

Shaping and dressing must be maintained during project construction. Shaping and dressing can be accepted during construction but will be rechecked prior to substantial completion.

Written by: Jeffery M. Peña, P.E.

Date: May 13, 2004

K:\2272\Pre-Construction Conference\Meeting Report 041604.doc

Meeting Sponsored by:  Shaw Coastal, Inc.		Date and Location: Thursday, April 15, 2004 at 10:00 a.m. 197 Elysian Drive Houma, Louisiana 70363	
Meeting Purpose:		Pre-Construction Conference Louisiana Department of Natural Resources Timbalier Island Dune/Marsh Restoration Project TE-40 SCI Project No. 2272	
Project Sponsor:			
ATTENDANCE REGISTER *			
NAME	✓	ADDRESS & AFFILIATION	TELEPHONE NUMBER
¹ Jeffery Pena		SCI	985 868-3434
² CHARLES GRANGER		WEEKS MARINE	985 875-2500
³ DARRYL CURRY		WEEKS MARINE INC	985-991-9046
⁴ Keith Stokes		WEEKS MARINE INC	985-237-5004
⁵ CHARLES GRANGER Sr		" " "	985 875-2500
⁶ CHARLES GRANGER Jr		" " "	985 875-2500
⁷ PATTY TAYLOR		EPA 6	214 1665-16403
⁸ J. M. Tail		Weeks Marine	985 237-5017
⁹ CHARLES R. BALENTINE		WEEKS MARINE	985-875-2525
¹⁰ GARY W. JOHNSON		WEEKS MARINE	985-237-5026
¹¹ DAVID BOUDREAUX		T. BAKER SMITH & Son, Inc.	985-868-1050
¹² Luke Le Bas		DNR/CED	225 342-4102
¹³ Agatha BRASS		DNR/CED	225-342-9425
¹⁴ Beau Fox		DNR/CED	225-342-6736
¹⁵ Brian Bahin		DNR/CED	985-447-0956
¹⁶ Chris Williams		DNR (CED)	225 342 7549
¹⁷ Daniel Dearmond		DNR THIB. FIELD OFFICE	985-449-5103
¹⁸ Byron Song		SCI	985-868-3434
¹⁹			
²⁰			

*If you wish to be furnished a copy of the attendance record, please indicate so by checking the box next to your name.

**Louisiana Department of Natural Resources
Timbalier Island Dune/Marsh Restoration Project - TE-40
SCI Project No. 2272**

PRE-CONSTRUCTION CONFERENCE

AGENDA

Date: Thursday, April 15, 2004

Time: 10:00 a.m.

Location: Shaw Coastal, Inc. (SCI)
197 Elysian Drive
Houma, Louisiana 70363

- I. Introductions
 - 1) LDNR (State Sponsor and Owner)
 - 2) EPA (Federal Sponsor)
 - 3) SCI (Project Representation)
 - 4) Weeks Marine (Contractor)
- II. Pre-Construction Conference Report
 - See Attachment
- III. Construction Issues
 - 1) Schedule of Deliverables (Attached)
 - 2) Transportation for Project Representative
 - 3) Maintenance of Traffic
 - 4) Project Control - Baseline
 - 5) Pipelines
 - 6) Access to Site
 - 7) Oyster Leases
 - 8) Surveys
 - 9) Contractor Representative
 - 10) Chain of Communication
 - Subcontractor to Contractor
 - Contractor to Engineer (Project Representative)
 - Engineer to Owner
 - and vice versa
- IV. Contractor's Questions - Open floor to Contractor's questions/concerns.
- V. **CLOSE MEETING**

PRE-CONSTRUCTION CONFERENCE REPORT

DATE: April 15, 2004
TIME: 10:00 a.m.

PROJECT NAME: Timbalier Island Dune/Marsh Restoration Project
LDNR PROJECT NO. TE-40
SCI PROJECT NO. 2272

1. INTRODUCTION

- A. Attendees (Introduction)
- B. Brief discussion of "Scope of Project"
- C. Contact Personnel for the project:

2. OWNER Louisiana Department of Natural Resources

	NAME	PHONE #	EMERGENCY #
PROJECT MANAGER	<u>Daniel Dearmond</u>	<u>985-449-5103</u>	<u>985-446-5722</u>
FIELD REP.	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>

3. ENGINEER Shaw Coastal, Inc.

	NAME	PHONE #	EMERGENCY #
PROJECT MANAGER	<u>Jeffery M. Pena, P.E.</u>	<u>985-868-3434</u>	<u>985-856-1587</u>
PROJECT ENGINEER	<u>Jeffery M. Pena, P.E.</u>	<u>985-868-3434</u>	<u>985-856-1587</u>
PROJECT REP.	<u>Byron "Sonny" Eells</u>	<u>985-868-3434</u>	<u>985-856-1599 985-406-2404</u>
PROJECT REP.	<u>Jeremy George</u>	<u>985-868-3434</u>	<u>985-856-1590 985-406-2393</u>

4. CONTRACTOR Weeks Marine, Inc.

	NAME	PHONE #	EMERGENCY #
OPERATIONS MANAGER	<u>Charles W. Grainger</u>	<u>985-875-2500</u>	<u>985-237-5057</u>
PROJECT MANAGER	<u>Gary W. Johnson</u>	<u>985-875-2500</u>	<u>985-237-5026</u>
BACK-UP PROJECT MGR	<u>Joseph M. Mazzarella</u>	<u>985-875-2500</u>	<u>985-373-8351</u>
PROJECT SUPERINT.	<u>Paul F. Steward</u>	<u>985-875-2500</u>	<u>985-373-8352</u>
BACK-UP PROJECT SUP	<u>Thomas D. Windes</u>	<u>985-875-2500</u>	<u>985-237-5053</u>
DREDGE CAPTAIN	<u>Frank Gill</u>	<u>985-237-5014</u>	<u>985-237-5022</u>
PROJECT ENGINEER & CQC SYST MANAGER	<u>Gary D. Cowick</u>	<u>985-237-5014</u>	<u>985-237-5005</u>
PROJECT ENGINEER & ALT CQC SYST MGR	<u>Matthew J. Babineaux</u>	<u>985-237-5014</u>	<u>985-264-1479</u>

5. CONSTRUCTION AGREEMENT

A. Executed and Recorded	<u>Yes</u>	<u>X</u>	<u>No</u>
B. Copies Distributed	<u>Yes</u>	<u>X</u>	<u>No</u>
C. Payment and Performance Bonds	<u>Yes</u>	<u>X</u>	<u>No</u>

6. INSURANCE

A. Contractual Liability - Certificate Received	<u>Yes</u>	<u>X</u>	<u>No</u>
B. Builder's Risk - Certificate Received	<u>Yes</u>	<u>X</u>	<u>No</u>
C. Owner's/Engineer's Protective Liability - Certificate Received	<u>Yes</u>	<u>X</u>	<u>No</u>

Remarks: _____

7. SUBCONTRACTORS

- | | | |
|---------------------------------|-----------------------|-----------------|
| A. Subcontractors List Received | <u> </u> Yes | <u> X </u> No |
| B. List Approved | <u> </u> Yes | <u> X </u> No |
| C. Contracts Received | <u> </u> Yes | <u> X </u> No |

Remarks: Will be forwarded by Weeks Marine.

8. PAYROLLS AND LABOR STANDARDS

- | | | | | |
|---------------------------------------|------------|-----|------------|----|
| A. Certifications Reviewed | <u>N/A</u> | Yes | <u>N/A</u> | No |
| B. Wage Rates and Rosters Distributed | <u>N/A</u> | Yes | <u>N/A</u> | No |
| C. Payrolls to be submitted to: | | | | |
| | Name | | | |
| D. Will job interviews be required | <u>N/A</u> | Yes | <u>N/A</u> | No |

Remarks:

9. PROGRESS SCHEDULES

- A. Time of complete project. 210 Calendar Days
-
- B. Amount of liquidated damages. 1,500 per day
-
- C. Bar Chart received. X Yes No
- D. Does Contractor expect any unavoidable delays in completing the project on time? X Yes No
- If yes, explain: Possible alignment changes.

Remarks: Progress Schedule will be resubmitted by Weeks Marine.

10. SHOP DRAWINGS (Articles 2.6 and 6.28-6.34)

- A. Schedule of submittal received _____ Yes X No
If not, date due: _____
- B. Distribution of copies: Contractor will submit seven copies for review. Approved submittals will be distributed as follows:
- | | | |
|------------|-------|-----------------|
| Owner | _____ | 2 (# of Copies) |
| EPA | _____ | 1 (# of Copies) |
| Engineer | _____ | 2 (# of Copies) |
| Contractor | _____ | 2 (# of Copies) |
- C. Has Contractor been informed he must certify submittals before submission: Failure to comply will result in rejection of submittal.
- X Yes No

Remarks:

11. QUALITY CONTROL

A. System Manager Name: Gary Cowick
Phone #: 985-237-5014 / 955-237-5005
Alter. System Manager Name: Matthew J. Babineaux
Phone #: 985-237-5014 / 985-264-1479
System Inspector Name: Richard Addison
Phone #: 985-875-2500
System Inspector Name: Chadrick Bragg
Phone #: 985-875-2500
System Inspector Name: Arnold Tassin
Phone #: 985-875-2500

B. Authorized to Execute Change Name: _____
Orders and Modifications: _____

C. Contractors informed will be responsible for record drawings. X Yes _____ No

D. Daily Quality Control Form and Report reviewed: _____ Yes _____ No

Remarks: Quality Control Plan will be submitted by Weeks Marine.

12. ENVIRONMENTAL PROTECTION PLAN

(Burning, Dust Control, Sanitary Facilities, etc.)

Received _____ Yes X No

If not, date due: _____

Remarks: Will be submitted by Weeks Marine.

13. PROJECT SIGN

A. Required _____ Yes X No

B. Location _____

Remarks: _____

14. NOTICE TO PROCEED

A. Issued at Meeting _____ Yes X No

B. Date _____

C. Construction Start Date _____

D. Construction Completion Date _____

Remarks: _____

15. MONTHLY PAYMENT REQUESTS

A. Has Schedule of Values been submitted? _____ Yes X No

If not, due date: _____

B. Has Schedule of Values been approved? _____ Yes X No

C. Pay request ending date will be: End of each month.
(Day of Month)

D. Time anticipated for review: _____

A. Engineer 10 working days (Article 14.4, 6C)

B. Owner

Louisiana Department of Natural Resources
Timbalier Island Dune/Marsh Restoration Project - TE-40
SCI Project No. 2272

SCHEDULE OF DELIVERABLES

- **Critical Path Construction Schedule**
Special Provisions, Article 10.3 Seven (7) days prior to Pre-Construction Conference.
- **Dredging Plan**
Special Provisions, Article 10.3 Seven (7) days prior to Pre-Construction Conference. Any revisions need to be submitted seven (7) days prior to Notice to Proceed.
- **Permits**
Special Provisions, Article 11.1 Coastal Use and U.S. Army Corps of Engineers permits will be submitted to Contractor prior to Notice to Proceed.
- **Specification and Data for Dredge**
Special Provisions, Article 19.2 To be submitted with Bid Documents.
- **Shop Drawings**
General Conditions, Article 2.6 Within seven (7) days of contract execution, Contractor shall develop a preliminary schedule of shop drawing submissions.
- **Notification of State Officials & Others**
Supplementary Conditions, Article 12.0 Sufficient notice of no less than one (1) week shall be given by Contractor to pipeline companies. These identifications and contacts shall be reported to the Engineer.
- **Safety Program**
Supplementary Conditions, Article 25.0 Safety plan shall be submitted fourteen (14) calendar days after contract award.

FIELD ORDER NO. 1

PROJECT:

Timbalier Island Dune/Marsh Restoration Project

DATE OF ISSUANCE:**OWNER:**

Louisiana Department of Natural Resources
1440 Tiger Drive STE B
Thibodaux, LA 70301

OWNER'S PROJECT NO.

TE-40

CONTRACTOR:

Weeks Marine, Inc.
Post Office Box 4339
Houma, Louisiana 70361

ENGINEER:

Shaw Coastal, Inc.
197 Elysian Drive
Houma, Louisiana 70364

CONTRACT FOR:

Timbalier Island Dune/Marsh Restoration Project

ENGINEER'S PROJECT NO.

2272

You are directed to make the following changes in the Contract Documents.

Description:

Purpose of Field Order:

This Field Order does not constitute a change in Contract Time and/or Contract Cost.

RECOMMENDED:

By: _____

SCI

Date: _____

APPROVED:

By: _____

LDNR

Date: _____

APPROVED:

By: _____

EPA

Date: _____

APPROVED:

By: _____

Contractor

Date: _____

CHANGE ORDER NO. 1**PROJECT:**

Timbalier Island Dune/Marsh Restoration Project

DATE OF ISSUANCE:**OWNER:**Louisiana Department of Natural Resources
1440 Tiger Drive STE B
Thibodaux, LA 70301**OWNER'S PROJECT NO.**

TE-40

CONTRACTOR:Weeks Marine, Inc.
Post Office Box 4339
Houma, Louisiana 70361**ENGINEER:**Shaw Coastal, Inc.
197 Elysian Drive
Houma, Louisiana 70364**CONTRACT FOR:**

Timbalier Island Dune/Marsh Restoration Project

ENGINEER'S PROJECT NO.

2272

You are directed to make the following changes in the Contract Documents.**Description:****Purpose of Change Order:****CHANGE IN CONTRACT PRICE:**

Original Contract Price

\$ 0.00

Previous Change Orders No. 1 to No.2

\$ 0.00

Contract Price Prior to this Change Order

\$ 0.00

Net Increase of this Change Order

\$ 0.00

Contract Price with all approved Change Orders

\$ 0.00

CHANGE IN CONTRACT TIME:

Original Contract Time

0 Calendar Days

days or date

Net Change from previous Change Orders

0 Days

days

Contract Time Prior to this Change Order

0 Calendar Days

days or date

Net Increase of this Change Order

0 Days

date

Contract Time with all approved Change Orders

0 Calendar Days

days or date

RECOMMENDED:By: _____
SCI

Date: _____

APPROVED:By: _____
LDNR

Date: _____

APPROVED:By: _____
EPA

Date: _____

APPROVED:By: _____
Contractor

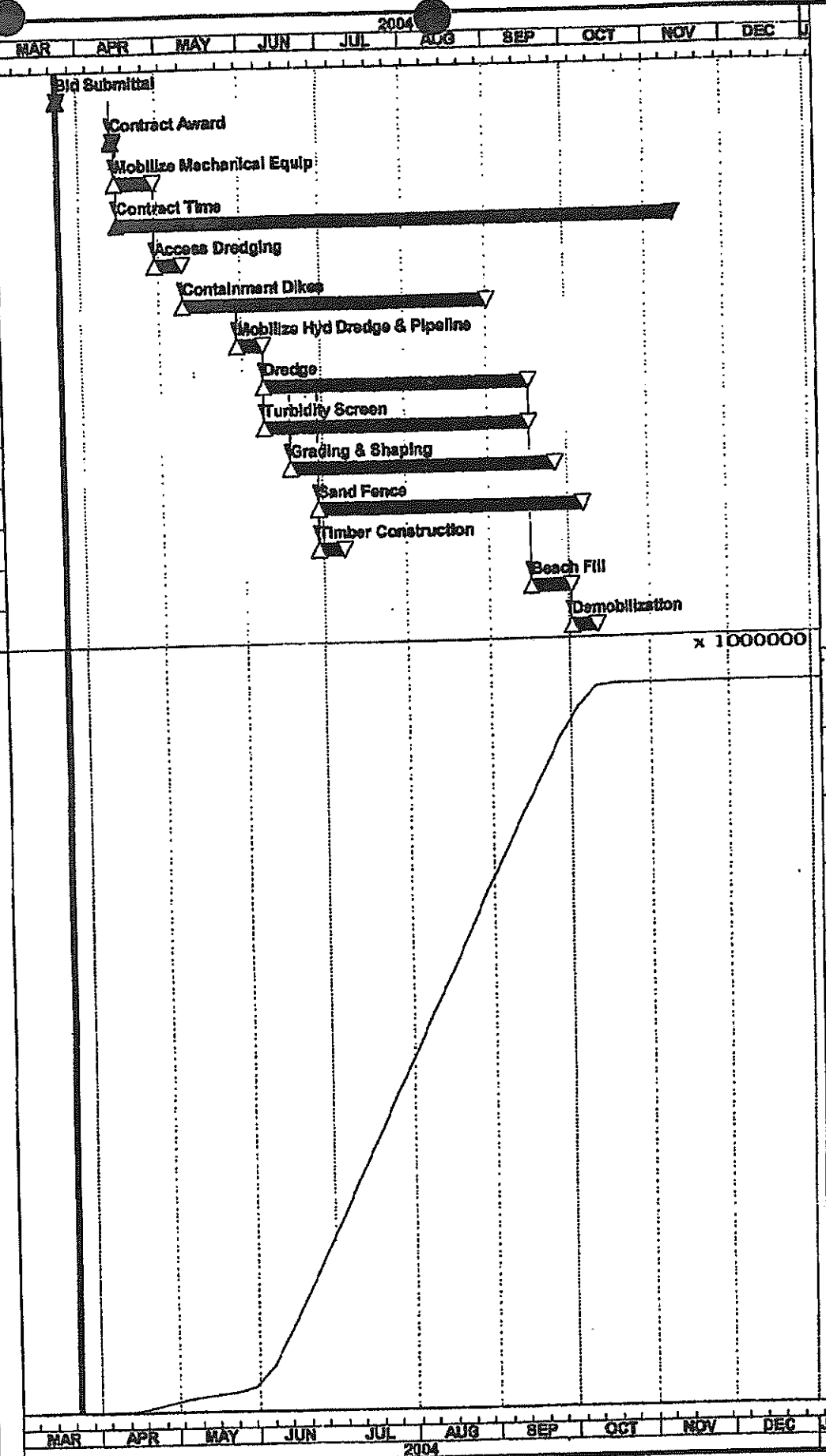
Date: _____

APR. 12. 2004 2:50PM

NO. 785

P. 2/2

Activity ID	Orig Dur	Rem Dur	Early Start	Early Finish
100	1	1	24MAR04*	24MAR04
105	1	1	14APR04	14APR04
170	15	15	15APR04	28APR04
108	210	210	15APR04	11NOV04
110	10	10	30APR04	08MAY04
155	115	115	10MAY04	01SEP04
130	10	10	30MAY04	08JUN04
135	100	100	08JUN04	16SEP04
140	100	100	08JUN04	16SEP04
150	100	100	18JUN04	26SEP04
180	100	100	29JUN04	08OCT04
180	10	10	29JUN04	08JUL04
145	15	15	17SEP04	01OCT04
190	10	10	02OCT04	11OCT04



Resource/Cost Profile Legend

Total of All Resources
 Total early usage per Week (Current Estimate)
 Current estimate curve
 Earned value curve
 Planned value curve

Cumulative scale (right): X1000000

Start Date 01MAR04
 Finish Date 11NOV04
 Data Date 24MAR04
 Run Date 06APR04 10:07

TMD

Weeks Marine Inc.
 Timberlatter Island

Sheet 1 of 1

Date	Revision	Checked	Approved

REPORT OF DREDGING OPERATIONS					PROJECT: _____							
					WEEKLY <input type="checkbox"/>		MONTHLY <input type="checkbox"/>		QUARTERLY <input type="checkbox"/>			
CHARACTER OF REPORT	<input type="checkbox"/> MAINTENANCE		<input type="checkbox"/> NEW WORK		<input type="checkbox"/> STATUS		<input type="checkbox"/> INITIAL		<input type="checkbox"/> FINAL			
	DATE PERIOD _____											
	DREDGE					NAME AND TYPE		SIZE <small>in. dia. disch.</small>		MAX. AVG. RATE <small>cu. yds. per hr.</small>		
						HORSEPOWER		DREDGE PUMP(S)		SUCTION PIPE JET		CUTTER AND LADDER
NUMBER OF CREW MBRs.		DREDGE		SHORE		OTHER		TOTAL		WORK SCHEDULE ____ SHIFTS/DAY ____ DAYS/WEEK		
PROJECT & BAR		NAME					AUXILIARY DIMENSIONS					
		LOCATION (INCLUDE STATION NUMBERS)					WIDTH		DEPTH		OVERDEPTH	
CHARACTER OF MATERIAL		ABSOLUTE DENSITY			IN PLACE DENSITY			VOIDS RATIO				
		GRAIN SIZE D20 MM D/50 MM D/80 MM						GEOLOGICAL CLASSIFICATION				
CONTRACT OR DREDGING ORDER		NUMBER			<input type="checkbox"/> CONTRACTOR			<input type="checkbox"/> HIRED LABOR			TOTAL NO. OF DAYS ON WHICH WORK WAS DONE MOBILIZATION ON STATION	
BOTTOM CONDITION		AVERAGE DEPTH					MINIMUM SOUNDING					
		BEFORE DREDGING AFTER DREDGING					BEFORE DREDGING AFTER DREDGING					
TIDAL STAGE		MINIMUM		TIME		MAXIMUM		TIME		GAGE LOCATION		
WEATHER CONDITION		CLEAR <input type="checkbox"/>		P. CLOUDY <input type="checkbox"/>		CLOUDY <input type="checkbox"/>		VISIBILITY		WIND (MAXIMUM VELOCITY AND DIRECTION)		
		HAZY <input type="checkbox"/>		FOG <input type="checkbox"/>		RAIN <input type="checkbox"/>		SNOW <input type="checkbox"/>				
WORK PERFORMED						DISTRIBUTION OF TIME						
ITEM			UNIT		QUANTITY		EFFECTIVE WORKING TIME <small>(Chargeable to Cost of Work)</small>					
AVERAGE WIDTH OF CUT			FEET				PUMPING/DREDGING SEDIMENT _____ HRS _____ MIN					
TOTAL ADVANCE THIS PERIOD			FEET				PCT. OF EFFECTIVE RENTAL TIME _____ %					
TOTAL ADV. PREVIOUS TO THIS PERIOD			FEET				BOOSTER (ON LINE) _____ HRS _____ MIN					
TOTAL ADVANCE TO DATE			FEET				NON-EFFECTIVE WORKING TIME <small>(Chargeable to Cost of Work)</small>			HOURS MINS.		
SHORE PIPE			FEET				HANDLING PIPELINES					
FLOATING PIPE			FEET				HANDLING ANCHOR LINES					
TOTAL LENGTH OF DISCHARGE PIPELINE							CLEARING PUMP & PIPELINES					
AVERAGE LIFT			FEET				CLEARING CUTTER & SUCTION HEAD					
AVERAGE PUMP SPEED			R.P.M.				CHANGING LOCATION OF PLANT ON JOB					
AVG. DREDGED/PUMP HR., GROSS			CU.YDS.				TO AND FROM ANCHORAGE					
SCOWS LOADED			NUMBER				LOSS DUE TO NATURAL ELEMENTS					
AVERAGE LOAD PER SCOW			CU.YDS.				SHORELINE AND SHORE WORK					
LOST TIME <small>(NOT CHARGEABLE TO COST OF WORK)</small>					HOURS MIN.		MINOR OPER. REPAIRS <small>(Explain in Remarks)</small>					
MAJOR REPAIRS AND ALTERATIONS CESSION COLLISIONS MISCELLANEOUS <small>(Explain in Remarks)</small>							LAY OFF		Sundays Holidays			
							Saturdays		Sundays			
TOTAL LOST TIME							FIRE DRILL					
							MISC. & WAITING <small>(EXPLAIN IN REMARKS)</small>					
PERCENTAGE OF TOTAL TIME							TOTAL NON-EFFECTIVE WORKING TIME					
							PCT OF NON-EFFECTIVE TIME _____ %					
TOTAL TIME IN PERIOD							TOTAL EFFECTIVE & NON-EFFECTIVE TIME					
NUMBER OF INSPECTIONS		BY INSPECTOR		BY DNR/CRD		CONTRACT USE ONLY		HAS ANYTHING CHANGED WHICH MIGHT LEAD TO A CHANGE ORDER OR CLAIM <small>(Explain in Remarks)</small> <input type="checkbox"/> YES <input type="checkbox"/> NO				

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - DREDGING										THE CONTRACTOR'S QCR REPORT IS TO BE ATTACHED TO THE QAR				
TO:										REPORT NUMBER				
PROJECT										DATE				
CONTRACTOR										CONTRACT NUMBER				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS _____ %										WEATHER AND EA CONDITIONS BY SHIFT				
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input type="checkbox"/> NO <input type="checkbox"/> YES														
NUMBER OF DNR EMPLOYEES OR REPRESENTATIVES										TEMPERATURE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	LABOR	TOTAL					MINIMUM	MAXIMUM			
NUMBER OF CONTRACTOR EMPLOYEES			NUMBER OF SHIFTS				24 HOUR PRECIPITATION							
SUPERVISORY	SKILLED	LABORERS	FROM	TO	FROM	TO	FROM	TO	INCHES	ENDING				
ATTACH LIST OF THE FOLLOWING: (a) Major items of equipment either working or idle, and (b) Number of classifications of contractor personnel onsite. NOTE: If contractor's Quality Control Report (QCR) contains the information it need not be repeated.										TIDES <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; border: none;">HIGH LOW</td> <td style="width: 40%; border: none;">FT. N.G.V.D. _____</td> <td style="width: 30%; border: none;">TIME _____</td> </tr> </table>		HIGH LOW	FT. N.G.V.D. _____	TIME _____
HIGH LOW	FT. N.G.V.D. _____	TIME _____												
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY														
A. _____ B. _____														
WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by the letter in table above.														
Days of no work and reasons for same.														
Information on progress of work, causes for delays and extent of delays. Plant, material, etc. _____ Days have elapsed on the project; _____ % of the time has elapsed of the days allowed. *****EQUIPMENT ON SITE*****														

CONSTRUCTION INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN			
RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN, AND CORRECTIVE ACTION OF CONTRACTOR. INCLUDE COMMENT PERTAINING TO CONTRACTOR'S CQC ACTIVITIES			
VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (INCLUDE NAMES, REACTIONS, AND REMARKS)			
CONTROVERSIAL MATTERS IN DETAIL			
INFORMATION, INSTRUCTIONS, OR ACTIONS (NOT COVERED IN QCR REPORT OR DISAGREEMENTS) Total Amount of Floating Pipeline being used _____ Feet. Total Amount of Shore Pipe being used _____ Feet. Total Length of Line _____ Feet. Total Cubic Yards Pumped To Date _____ C.Y. _____ % of Estimated _____ Cubic Yards were Pumped. (Mark Adjustments with * and Explain)			
REMARKS - (INCLUDE VISITORS TO PROJECT AND MISCELLANEOUS REMARKS PERTINENT TO THE WORK)			
SAFETY (INCLUDE ANY INFRACTIONS OF APPROVED SAFETY PLAN, SAFETY MANUAL, OSHA STANDARDS, OR INSTRUCTIONS FROM OWNER'S REPRESENTATIVES. SPECIFY CORRECTIVE ACTION TAKEN)			
INSPECTOR'S SIGNATURE	DATE	SUPERVISOR'S APPROVAL	DATE

Appendix D

Final Acceptance



Shaw Coastal, Inc.
197 Elysian Drive
Houma, LA 70363
Toll Free: 888.230.2332
Office: 985.868.3434
Fax: 985.868.8513

January 20, 2005

Louisiana Department of Natural Resources
1440 Tiger Drive, Suite B
Thibodaux, Louisiana 70301

Attention: Daniel Dearmond, P.E.

Subject: Final Inspection and Acceptance

**Reference: Louisiana Department of Natural Resources
Timbalier Island Dune/Marsh Restoration Project - TE-40
SCI Project No. 2272**


Dear Mr. Dearmond:

The Final Inspection Meeting was held on January 7, 2005 for the above referenced project. It is Shaw Coastal, Inc.'s (SCI) recommendation that the Louisiana Department of Natural Resources (LDNR) accept this project as complete. The contractor has met the obligations with respect to the Contract Documents, Plans and Specifications.

Should you have any questions or wish to discuss, please contact me at 985-868-3434.

Sincerely,

SHAW COASTAL, INC.


Jeffery M. Peña, P.E.
Project Engineer / Manager

JMP:mb1

cc: Chris Williams - LDNR
Oscar F. Peña, Sr. Vice-President - SCI
Byron "Sonny" Eells, Project Representative - SCI
Jeremy George, Project Representative - SCI

K:\2272\Final Inspection\Dearmond 012105.doc



Shaw Coastal, Inc.
197 Elysian Drive
Houma, LA 70363
Toll Free: 888.230.2332
Office: 985.868.3434
Fax: 985.868.8513

January 17, 2005

Louisiana Department of Natural Resources
1440 Tiger Drive, Suite B
Thibodaux, Louisiana 70301

Attention: Daniel Dearmond, P.E.

Subject: Final Inspection

Reference: Louisiana Department of Natural Resources
Timbalier Island Dune/Marsh Restoration Project - TE-40
SCI Project No. 2272

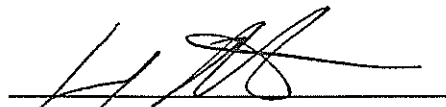
Dear Mr. Dearmond:

Attached please find the Meeting Report and Attendance Sheet from the Final Inspection held on January 7, 2005 for the above referenced project.

Should you have any questions or wish to discuss, please contact me at 985-868-3434.

Sincerely,

SHAW COASTAL, INC.



Jeffery M. Peña, P.E.
Project Engineer / Manager

JMP:mb1

Attachments

cc: Chris Williams - LDNR
Oscar F. Peña, Sr. Vice-President - SCI
Byron "Sonny" Eells, Project Representative - SCI
Jeremy George, Project Representative - SCI

K:\2272\Final Inspection\Dearmond 011305.doc

SHAW COASTAL, INC.
197 ELYSIAN DRIVE, HOUMA, LOUISIANA 70363
PHONE (985) 868-3434 - FAX (985) 868-8513

M E E T I N G R E P O R T

Job No.: 2272 **Date:** January 7, 2005
Job Title: Timbalier Island Dune/Marsh **Time:** 10:00 a.m.
Restoration Project TE-40
Meeting Location: ☐ SCI ☒ Project Site
Meeting Purpose: Final Inspection
Participants: See attached attendance record

Summary:

Overall the project site appeared to be clean. The Contractor will survey the project area for trash once more when they come back for dredge pipe (approximately three to four weeks).

Sand dunes are building in some areas 3 ½' - 4' in height by 25' - 30' in width on south side of sand fencing.

Along the north 8' dune slope there are a few cuts in the dune due to rain run-off.

Erosion has occurred since final beach placement between Station 100+00 to Station 118+00 and Station 190+00 to Station 206+00 due to wave action.

Most areas that were seeded by the sub-contractor appeared to be growing well.

The Contractor's last item remaining in the project area is the submerged line for the dune (Station 206+00) south into the Gulf (3,000 feet ±).

All sand fencing in place.

cc: Attendees
Chris Williams - LDNR
Oscar F. Peña, Sr. Vice-President - SCI
Byron "Sonny" Eells, Project Representative - SCI
Jeremy George, Project Representative - SCI

Written by: Jeffery M. Peña, P.E.

Date: January 17, 2005



Shaw® Shaw Coastal, Inc.

Date and Location:

Friday, January 7, 2005 at 10:00 a.m.
Project Site

Meeting Purpose:

Final Inspection

Timbalier Island Marsh / Dune Restoration Project, TE-40
Shaw Project No. 2272

Project Sponsor:

Louisiana Department of Natural Resources

*If you wish to be furnished a copy of the attendance record, please
indicate so by checking the box next to your name.

ATTENDANCE REGISTER

	NAME	✓	COMPANY NAME AND PHYSICAL ADDRESS	TELEPHONE NUMBER	FAX NUMBER	EMAIL ADDRESS
1	Jeffery Pena		SCI	868-3434	868-8513	jeffery.pena@shawcoastal.com
2	GARY W. JOHNSON		WMI	237-5026	875-2578	GW.JOHNSON@WEEKSMARINE.COM
3	CHARLES GRANGER		"	237 5057	" "	CS GRANGER@WKS
4	Daniel Dearmond		LDNR	(985) 449-5103	(985) 447-0991	daniel.dearmond@la.gov
5	CHRIS WILLIAMS		LDNR	225 342 7549	225 342 6801	chris.williams@la.gov
6	Brian Tate		LDNR	225-342-6136	" "	Brian.Tate@La.gov
7	Jeremy George		SCI	985-868-3434	868-8513	jeremy.george@shawcoastal.com
8	Jeremy Pells		SCI	985-868-3434	868-8513	
9						
10						
11						
12						
13						
14						
15						
16						



Shaw Coastal, Inc.

197 Elysian Drive
Houma, LA 70363
Toll Free: 888.230.2332
Office: 985.868.3434
Fax: 985.868.8513

December 30, 2004

Weeks Marine, Inc.
304 Gaille Drive
Covington, Louisiana 70433

Attention: Charles Granger

Subject: Final Inspection

**Reference: Louisiana Department of Natural Resources
Timbalier Island Dune/Marsh Restoration Project - TE-40
SCI Project No. 2272**

Dear Mr. Granger:

Shaw Coastal, Inc. (SCI) has received your letter dated December 29, 2004 (copy attached) advising that Weeks Marine, Inc. has completed the work as per the Contract and is requesting that the Final Inspection for the above referenced project be scheduled.

This letter confirms that the Final Inspection has been scheduled for Friday, January 7, 2005 at 10:00 a.m. Transportation will be provided from the CoCo Marina in Cocodrie, Louisiana at 9:00 a.m. to the project site. Please inform me of your attendance in order that appropriate transportation accommodations are scheduled.

Should you have any questions or wish to discuss, please contact me at 985-868-3434.

Sincerely,

SHAW COASTAL, INC.

for

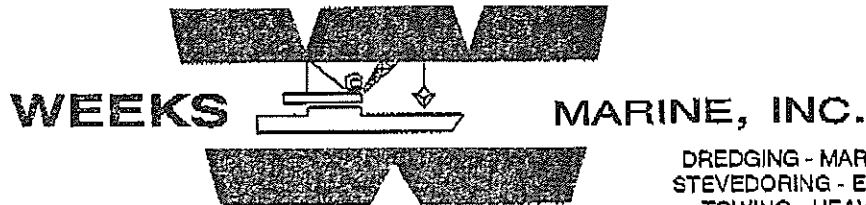
Jeffery M. Peña, P.E.
Project Engineer / Manager

JMP:mbi

Attachments

cc: Chris Williams – LDNR
Daniel Dearmond - LDNR
Oscar F. Peña, Sr. Vice-President – SCI
Byron "Sonny" Eells, Project Representative – SCI
Jeremy George, Project Representative – SCI

K:\2272\Substantial Completion\Granger 123004.doc



304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

Shaw Coastal, Inc.
197 Elysian Drive
Houma, Louisiana 70363
Phone Number (985) 868-3434

29 December 2004

WMI Serial Letter No.: SCI-45

Attention: Mr. Jeffery M. Pena, P.E.

Reference: File No.: K 25547 DL, Purchase No.: 3739838
State Project No. TE-40, SCI Project No. 2272
Timbalier Island Dune/Marsh Restoration Project
Terrebonne Parish, Louisiana

Subject: Specification Division II
General Conditions
Paragraph 14.8.3

Dear Sir,

Weeks Marine Inc. certifies that the work as prescribed by the contract documents completed. The Partial Pay Request for December 2004 will be the last Pay Request for the project.

Weeks Marine Inc. also requests that the Owner conduct a final inspection of the project site at their earliest convenience.

If you have any questions or require additional information, please contact me at (985) 875-2555.

Sincerely yours,
WEEKS MARINE, INC.

Charles W. Granger
Operations Manager
Hydraulic Group

cc: Mike Ernst
Steve Chatry
Larry DaVico
Charles Granger
Gary Johnson
Correspondence File

Appendix E

Project Data and Fact Sheet

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

PROJECT STATUS REPORT as of 10 March 2005

Timbalier Island Dune and Marsh Restoration

PROJECT DATA

PROJECT: Timbalier Island Dune and Marsh Restoration

PRIORITY LIST: 9

PROJECT NO: 0907

CWPPRA NO: XTE-45a

DNR NO: TE-40

PROJECT TYPE: Barrier Island

NET ACRES BENEFITTED: 273

REGION: 3

BASIN: Terrebonne

PARISH: Terrebonne

LEAD AGENCY: EPA

LOCAL SPONSOR: DEPT. OF NATURAL RESOURCES, STATE OF LA

MILESTONES:

CSA EXECUTION: 10/5/2000 (Actual)

DESIGN COMPLETION: 9/30/2003 *

CONSTRUCTION START: 6/1/2004 (Actual)

CONSTRUCTION COMPLETION: 6/1/2005

ESCROW AMENDMENT 3/2/2001 (Actual) **No:** 84

MONITORING PLAN APPROVAL:

O and M PLAN APPROVAL:

DEAUTHORIZATION DATE:

CASH FLOW PROECTS:

Phase 1 Approval: 1/11/2000 (Actual)

Phase 2 Approval: 1/16/2003 (Actual)

LEGISLATIVE DISTRICTS:

CONGRESSIONAL DISTRICT: 3 W. J. Tauzin

STATE SENATE DISTRICT: 20 Reggie P. Dupre

STATE HOUSE DISTRICT: 53 Damon Baldone

Point of Contact:

ENVIRONMENTAL PROTECTION AGENCY
REGION 6

Wes McQuiddy (6WQ-EMC) PHONES:

Project Manager

EPA Region 6

1445 Ross Ave.

Dallas, TX 75202-2733

Office: (214) 665-6722

Fax: (214) 665-6689

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

PROJECT STATUS REPORT as of 10 March 2005

Timbalier Island Dune and Marsh Restoration

FINANCIAL DATA

ESTIMATES	BASELINE	CSA	CURRENT
Engr & Design:	\$1,526,174	\$1,193,709	\$1,886,954
Lands:	\$162,086	\$202,608	\$202,608
Construction:	\$11,541,930	\$17,959,237	\$17,959,237
Monitoring:	\$179,030	\$0	\$125,406
O & M:	\$0	\$0	\$0
Contingencies:	\$2,825,459	\$0	\$0
Total:	\$16,234,679	\$19,355,554	\$20,174,205
Maximum Project Cost:	\$20,293,349	future input	future input

OBLIGATIONS	Federal	Non-Federal		Total
		Cash	WIK	
Engr & Design:	\$1,876,418	\$0	\$170,436	\$2,046,854
Lands:	\$0	\$0	\$14,572	\$14,572
Construction:	\$15,265,351	\$0	\$0	\$15,265,351
Monitoring:	\$36,397	\$0	\$15,070	\$51,467
O & M:	\$0	\$0	\$0	\$0
Total:	\$17,178,166	\$0	\$200,078	\$17,378,244
		\$200,078		

EXPENDITURES	Federal	Non-Federal		Total
		Cash	WIK	
Engr & Design:	\$1,259,419	\$0	\$170,436	\$1,429,855
Lands:	\$0	\$0	\$14,572	\$14,572
Construction:	\$7,012,915	\$0	\$0	\$7,012,915
Monitoring:	\$14,845	\$0	\$15,070	\$29,915
O & M:	\$0	\$0	\$0	\$0
Total:	\$8,287,179	\$0	\$200,078	\$8,487,256
		\$200,078		

Financial Data Analysis:

Federal Expenditures: \$8,287,179 (97.6%)

Non-Fed Expenditures: \$200,078 (2.4%)

Escrow Funds Deposited:

Notes

1. Financial data based on Corps of Engineers records.

2. A "#" by the CSA Estimate indicates that the CURRENT ESTIMATE exceeds 125% of the CSA ESTIMATE for the feature. A modification to the Cost Sharing Agreement may be required.

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

PROJECT STATUS REPORT as of 10 March 2005

Timbalier Island Dune and Marsh Restoration

PROJECT LOCATION:

Project is located on the eastern end of Timbalier Island, Terrebonne Parish, LA.

PROJECT DESCRIPTION:

Construction will include beach, dune, and marsh creation. Sediment source alternatives are being developed and evaluated during design.

PROJECT STATUS: (Project Status Last Updated: 1/21/2005)

Final inspection of the beach/dune/marsh creation construction was conducted on 7 January 2005. Approximately 4.6 MCY of material from the Little Pass borrow site restored a 2.2 mile segment on the eastern end of the island. Two significant storm events with significant rainfall/runoff and wave action occurred during the latter stages of construction and the newly created beach/dune/marsh environment performed well. Over 22,000 linear feet of sand fencing (a double row) was installed and has already begun trapping windblown sand. 5,000 lbs of Gulf Annual Rye Seed was dispersed and has already taken hold on the dune, further preventing erosion until the next project task, the vegetative planting component can begin. The most diverse species planting to date is expected to begin in mid-to-late March 2005. A total of eight different species will be planted completing the project.

FUND STATUS:

The current project estimate is \$20,174,205 , which includes \$20,048,799 for construction first costs, and \$125,406 and \$0 for 20 years of monitoring and operations and maintenance, respectively.

[Home](#) | [CWPPRA Project Reports](#)

Project Managers' Technical Factsheet <http://lacoast.gov/reports/>



Timbalier Island Dune and Marsh Restoration (TE-40)

Project Status

Approved Date: 2000 **Cost:** \$20.2 M
Project Area: 663 acres **Status:** Construction
Net Benefit After 20 Years: 273 acres
Project Type: Barrier Island Restoration

Location

Timbalier Island is located south of Terrebonne Bay and west of East Timbalier Island in Terrebonne Parish, Louisiana.

Problems

Timbalier Island is migrating rapidly to the west/northwest, which is a clear indication of the dominant influence of longshore sediment transport processes (the movement of beach material by waves and currents) along the island. Thus, the western end of Timbalier Island is undergoing lateral migration by spit-building processes, at the expense of erosion along the eastern end, while the island overall is shortening and narrowing. This loss can be attributed to an inadequate sediment supply, relative sea-level rise, and the passage of storms. Without mitigating efforts, Timbalier Island is projected to disappear by the year 2050.

Restoration Strategy

The objective of this project is to restore the eastern end of Timbalier Island through the direct creation of dune and marsh habitat. The project boundary is divided into Areas A and B. Area A will be restored through direct creation of dune and marsh on the east end of Timbalier Island. Area B will be enhanced through addition of sediment into the nearshore system, maintaining the west/northwest migration of the island and attenuation of wave energy.

Specifically, the project includes restoring the beach rim and dune system. The project will also create a marsh platform on the bay side of the island. The marsh platform will be built around existing marsh with minimal impact. Over three million cubic yards of dredge material will be used in this project. Vegetation will be planted and sand fencing will also be placed on the dune to help capture and retain wind blown sand.



View to the east of the low relief, sparse vegetation and imminent breaches that typify the eastern end of Timbalier Island.

Progress to Date

Construction funding was approved by the Louisiana Coastal Wetlands Conservation and Restoration Task Force in January 2003. Plans and specifications have been finalized and the State of Louisiana is preparing to advertise for bids to construct the project. Construction is expected to begin summer 2004.

This project is on Priority Project List 9.

For more project information, please contact:



Federal Sponsor:
 U.S. Environmental Protection Agency
 Baton Rouge, LA
 (225) 389-0735



Local Sponsor:
 Louisiana Department of Natural Resources
 Baton Rouge, LA
 (225) 342-7308

Terrebonne Bay

Cat Island
Pass

B

Timbalier Island
Caillon Pass

A

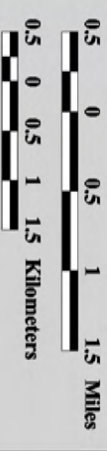
Brush Island

Gulf of Mexico

Timbalier Island Dune and Marsh Restoration (TE-40)



Project Boundary



Map Produced By:

U.S. Department of the Interior
U.S. Geological Survey
National Wetlands Research Center
Coastal Restoration Field Station

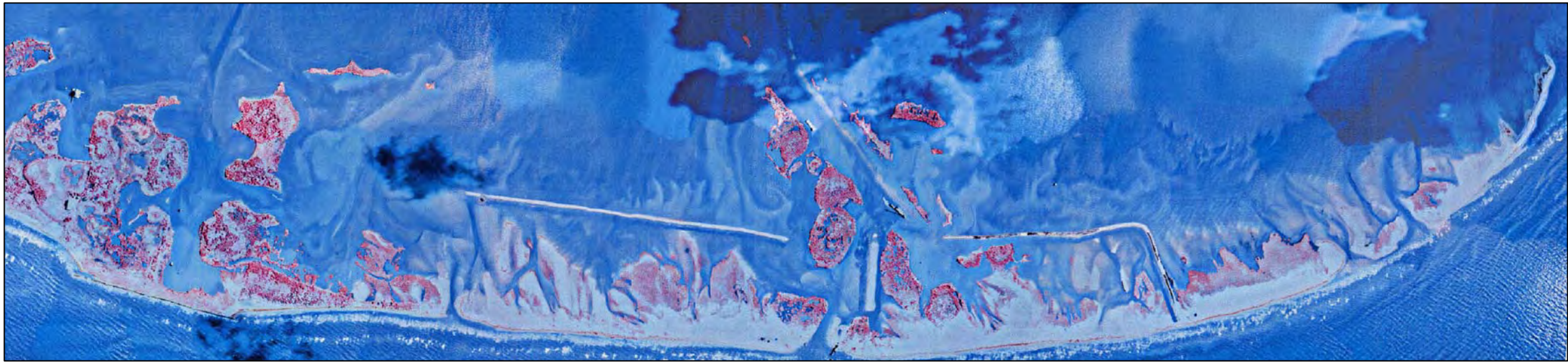
Background Imagery:
2002 Thematic Mapper Imagery

Map Date: December 22, 2003
Map ID: USGS-NWRC 2003-11-100
Data accurate as of: December 22, 2003

Appendix F

Pre and Post Construction Plan View

Pre Construction



June 22, 2004

Post Construction



January 18, 2005

				LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION 617 NORTH 3RD STREET BATON ROUGE, LOUISIANA 70802		TIMBALIER ISLAND DUNE/MARSH RESTORATION PROJECT	PRE & POST CONSTRUCTION PLAN VIEW
						STATE PROJECT NUMBER: TE-40	
						FEDERAL PROJECT NUMBER:	DATE: MARCH 9, 2005
						APPROVED BY: LUKE LEBAS	SHEET 1 OF 1
REV.	DATE	DESCRIPTION	BY	DRAWN BY: KRISTI CANTU	DESIGNED BY: CHRIS WILLIAMS		

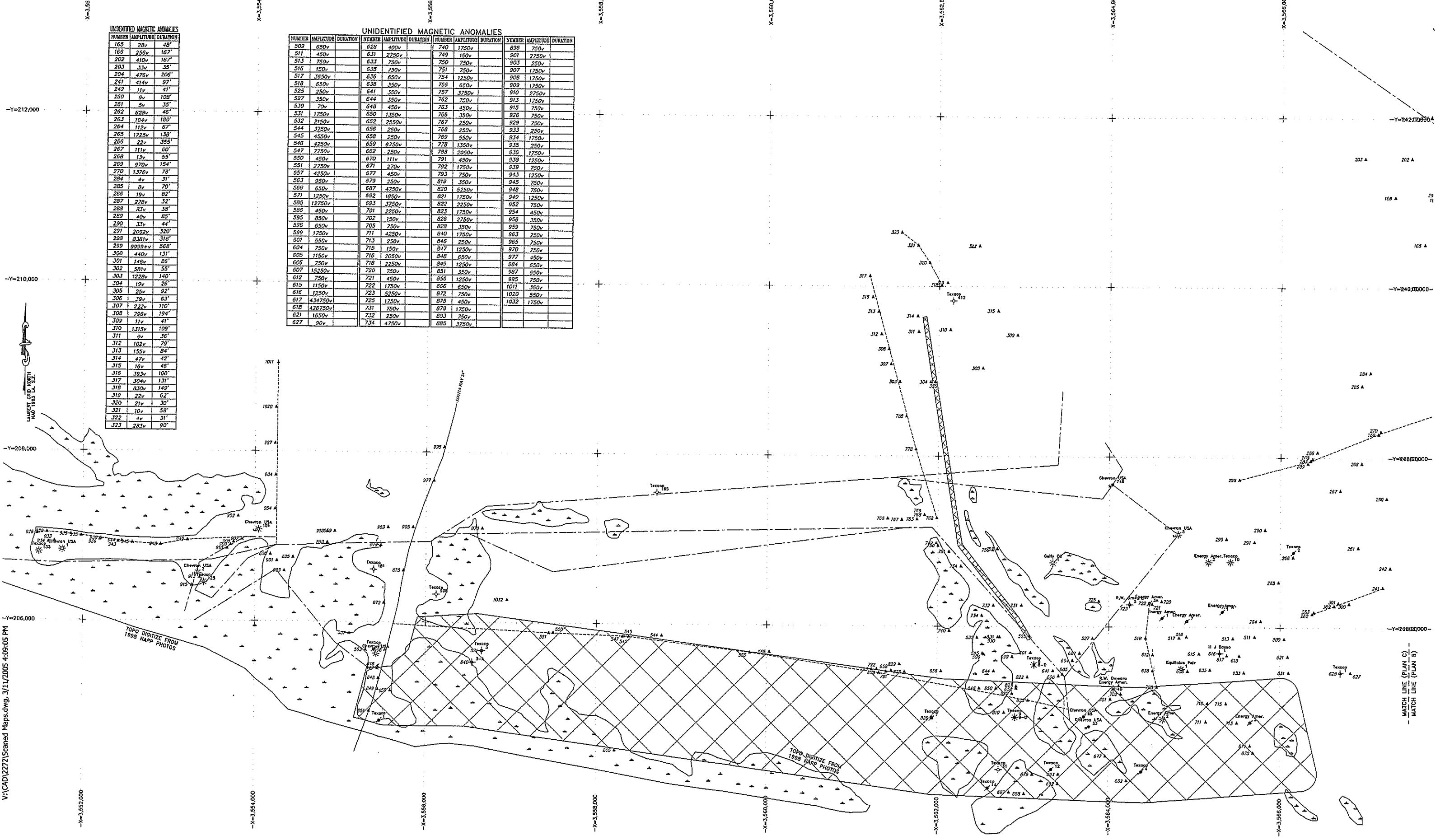
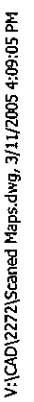
Appendix G

Overall Project Plan and As-Built Drawings

Appendix H

Magnetometer Surveys

UNIDENTIFIED MAGNETIC ANOMALIES											
NUMMER	AMPLITUDE	DURATION	NUMMER	AMPLITUDE	DURATION	NUMMER	AMPLITUDE	DURATION	NUMMER	AMPLITUDE	DURATION
509	650v		628	100v		740	1750v		896	750v	
511	450v		631	2750v		749	150v		901	2750v	
513	750v		633	750v		750	750v		903	250v	
516	150v		635	750v		751	750v		907	1750v	
517	3650v		636	650v		754	1250v		908	1650v	
518	650v		639	350v		756	650v		909	1750v	
525	250v		641	350v		757	3750v		910	2750v	
527	350v		644	350v		762	750v		913	1750v	
530	70v		648	450v		763	450v		916	750v	
531	1750v		650	1350v		765	350v		926	750v	
532	2150v		652	2550v		767	250v		929	750v	
544	3750v		656	250v		768	250v		933	250v	
545	4550v		658	250v		769	850v		934	1750v	
546	4250v		659	6750v		778	1350v		935	250v	
547	7750v		662	250v		788	2050v		936	1750v	
550	450v		670	111v		791	450v		939	1250v	
551	2750v		671	270v		792	1750v		939	750v	
557	4250v		677	450v		793	750v		943	1250v	
563	950v		679	250v		819	350v		945	750v	
566	650v		687	4750v		820	5250v		948	750v	
571	1250v		692	1650v		821	1750v		949	1250v	
585	12750v		693	3750v		822	2250v		952	750v	
586	450v		701	2250v		823	1750v		954	450v	
595	850v		702	150v		826	2750v		958	350v	
596	650v		705	750v		828	350v		959	750v	
599	1750v		711	4250v		840	1750v		963	750v	
601	850v		713	250v		846	250v		965	750v	
604	750v		715	150v		847	1250v		970	750v	
605	1150v		716	2050v		848	650v		977	450v	
606	750v		718	2250v		849	1250v		984	650v	
607	15250v		720	750v		851	350v		987	550v	
612	750v		721	450v		855	1250v		995	750v	
615	1150v		722	1750v		866	650v		1011	350v	
616	1230v		723	5250v		872	750v		1020	550v	
617	434750v		725	1750v		875	450v		1032	1750v	
618	426750v		731	780v		879	1750v				
621	1650v		732	250v		883	750v				
627	90v		734	4750v		885	3750v				



Appendix I

Report on CD-ROM
